

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111924\
 Data File : VN084935.D
 Acq On : 19 Nov 2024 09:27
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 20 00:20:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/20/2024
 Supervised By : Mahesh Dadoda 11/20/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.218	168	191121	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	319795	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	272380	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	140060	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	128370	46.504	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.000%		
35) Dibromofluoromethane	8.165	113	100296	46.334	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.660%		
50) Toluene-d8	10.565	98	361805	45.374	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.740%		
62) 4-Bromofluorobenzene	12.847	95	141878	47.609	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	95.220%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	97001	44.150	ug/l	95
3) Chloromethane	2.359	50	110597	42.522	ug/l	97
4) Vinyl Chloride	2.512	62	107008	45.283	ug/l	97
5) Bromomethane	2.906	94	55094	44.003	ug/l	98
6) Chloroethane	3.077	64	70713	48.294	ug/l	93
7) Trichlorofluoromethane	3.471	101	182356	46.846	ug/l	97
8) Diethyl Ether	3.953	74	65937	48.018	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.359	101	105288	47.867	ug/l	99
10) Methyl Iodide	4.577	142	142160	48.358	ug/l	97
11) Tert butyl alcohol	5.536	59	87458	240.025	ug/l	99
12) 1,1-Dichloroethene	4.330	96	97079	44.604	ug/l	95
13) Acrolein	4.171	56	99160	272.913	ug/l	98
14) Allyl chloride	5.012	41	161760	45.828	ug/l	96
15) Acrylonitrile	5.712	53	260199	246.673	ug/l	99
16) Acetone	4.424	43	226860	284.903	ug/l	100
17) Carbon Disulfide	4.700	76	259868	38.771	ug/l	98
18) Methyl Acetate	5.018	43	133214	45.365	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	344516	51.644	ug/l	97
20) Methylene Chloride	5.265	84	111930	46.103	ug/l	94
21) trans-1,2-Dichloroethene	5.777	96	102229	45.743	ug/l	99
22) Diisopropyl ether	6.665	45	352685	50.286	ug/l	98
23) Vinyl Acetate	6.594	43	1255562	259.595	ug/l	98
24) 1,1-Dichloroethane	6.559	63	201578	47.872	ug/l	98
25) 2-Butanone	7.483	43	344040	267.147	ug/l	98
26) 2,2-Dichloropropane	7.488	77	182683	49.847	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	125243	47.994	ug/l	99
28) Bromochloromethane	7.806	49	95018	56.639	ug/l	96
29) Tetrahydrofuran	7.836	42	218171	255.360	ug/l	96
30) Chloroform	7.959	83	209141	48.799	ug/l	97
31) Cyclohexane	8.253	56	171769	45.071	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	189765	48.647	ug/l	99
36) 1,1-Dichloropropene	8.365	75	140999	46.967	ug/l	99
37) Ethyl Acetate	7.553	43	136462	50.101	ug/l	98
38) Carbon Tetrachloride	8.359	117	162977	48.570	ug/l	98
39) Methylcyclohexane	9.594	83	156684	51.303	ug/l	98
40) Benzene	8.600	78	451082	46.788	ug/l	99

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 Quant Title : SW846 8260
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Reviewed By : John Carlone 11/20/2024
 Supervised By : Mahesh Dadoda 11/20/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	77366	52.820	ug/l	97
42) 1,2-Dichloroethane	8.665	62	155403	49.771	ug/l	99
43) Isopropyl Acetate	8.683	43	251358	49.952	ug/l	100
44) Trichloroethene	9.347	130	101462	45.632	ug/l	99
45) 1,2-Dichloropropane	9.618	63	112302	49.656	ug/l	99
46) Dibromomethane	9.706	93	77732	48.708	ug/l	99
47) Bromodichloromethane	9.882	83	165675	49.250	ug/l #	99
48) Methyl methacrylate	9.677	41	108960	51.400	ug/l	97
49) 1,4-Dioxane	9.694	88	36146	962.235	ug/l #	81
51) 4-Methyl-2-Pentanone	10.441	43	695093	267.698	ug/l	99
52) Toluene	10.629	92	277347	49.188	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	162768	46.744	ug/l	99
54) cis-1,3-Dichloropropene	10.306	75	181142	49.151	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	104942	49.408	ug/l	97
56) Ethyl methacrylate	10.871	69	168362	54.801	ug/l	97
57) 1,3-Dichloropropane	11.159	76	179454	49.230	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	402039	279.659	ug/l	97
59) 2-Hexanone	11.194	43	521393	275.870	ug/l	98
60) Dibromochloromethane	11.359	129	122913	50.776	ug/l	99
61) 1,2-Dibromoethane	11.471	107	103704	47.679	ug/l	100
64) Tetrachloroethene	11.100	164	87135	48.094	ug/l	97
65) Chlorobenzene	11.888	112	290368	47.651	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	105627	49.834	ug/l	99
67) Ethyl Benzene	11.959	91	516649	50.793	ug/l	99
68) m/p-Xylenes	12.071	106	398723	103.542	ug/l	100
69) o-Xylene	12.394	106	191427	53.139	ug/l	100
70) Styrene	12.406	104	324789	51.684	ug/l	99
71) Bromoform	12.576	173	79980	50.147	ug/l #	99
73) Isopropylbenzene	12.694	105	484105	49.323	ug/l	100
74) N-amyl acetate	12.494	43	210044	50.280	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	152902	46.671	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	125541m	44.840	ug/l	
77) Bromobenzene	12.976	156	117590	44.566	ug/l	98
78) n-propylbenzene	13.035	91	560537	48.736	ug/l	99
79) 2-Chlorotoluene	13.123	91	357849	47.616	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	421482	51.812	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	53699	45.503	ug/l	89
82) 4-Chlorotoluene	13.218	91	361943	45.763	ug/l	99
83) tert-Butylbenzene	13.435	119	343776	51.061	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	428779	51.069	ug/l	99
85) sec-Butylbenzene	13.612	105	480667	50.542	ug/l	99
86) p-Isopropyltoluene	13.729	119	408036	52.315	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	217656	42.268	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	216598	45.744	ug/l	100
89) n-Butylbenzene	14.053	91	343697	47.108	ug/l	100
90) Hexachloroethane	14.329	117	76160	43.786	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	219245	44.308	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	29192	43.984	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	107065	39.531	ug/l	99
94) Hexachlorobutadiene	15.500	225	49545	41.656	ug/l	99
95) Naphthalene	15.641	128	350435	43.227	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	106957	40.681	ug/l	98

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ClientSampleId :
VSTDCCC050

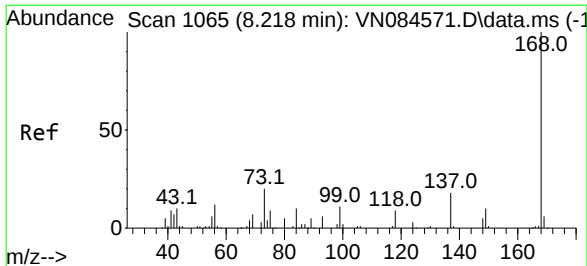
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 11/20/2024

Quant Time: Nov 20 00:20:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 18:45:38 2024
Response via : Initial Calibration

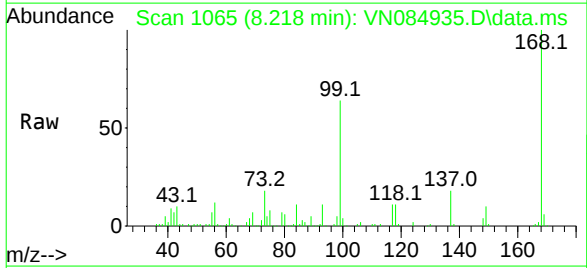
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

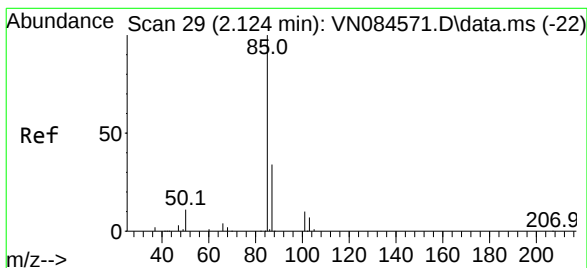
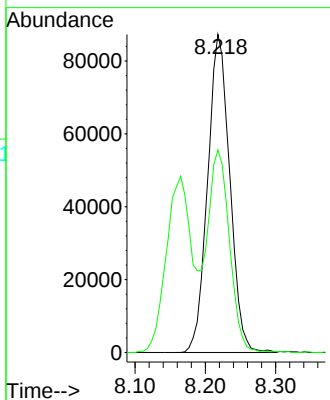
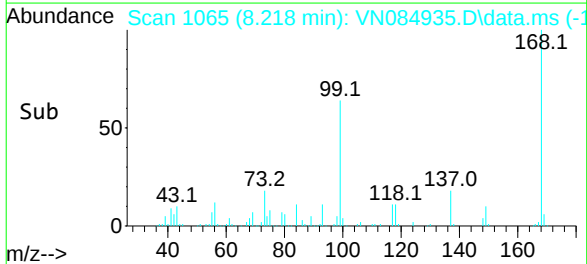
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 191121
Ion Ratio Lower Upper
168 100
99 63.3 54.2 81.2

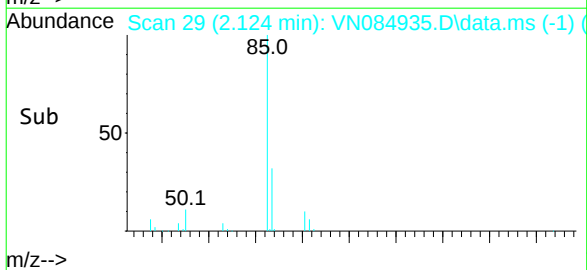
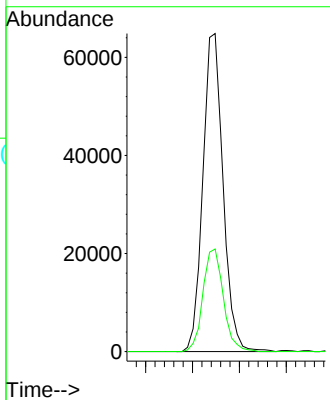
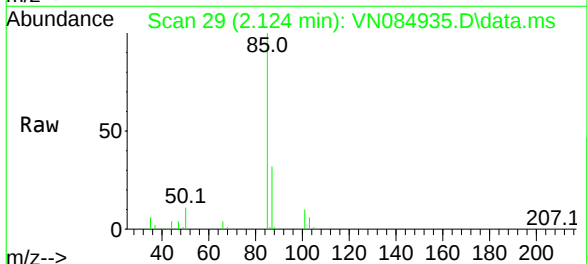
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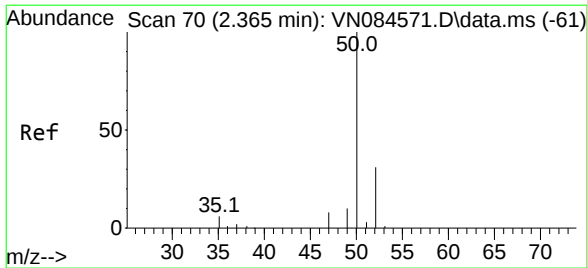
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#2
Dichlorodifluoromethane
Concen: 44.150 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

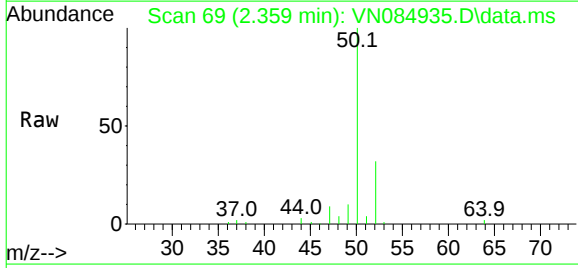
Tgt Ion: 85 Resp: 97001
Ion Ratio Lower Upper
85 100
87 32.3 17.6 52.9





#3
Chloromethane
Concen: 42.522 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

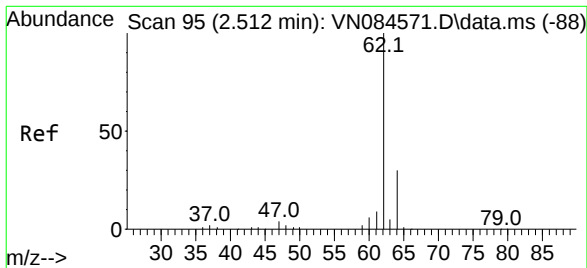
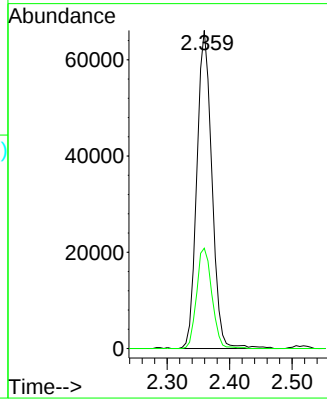
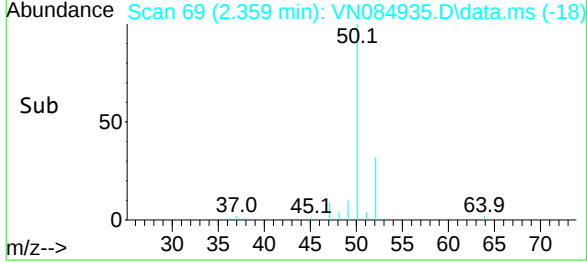
Instrument :
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VSTDCCC050



Tgt Ion: 50 Resp: 110597
Ion Ratio Lower Upper
50 100
52 31.5 26.8 40.2

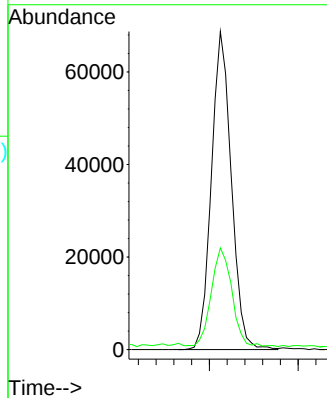
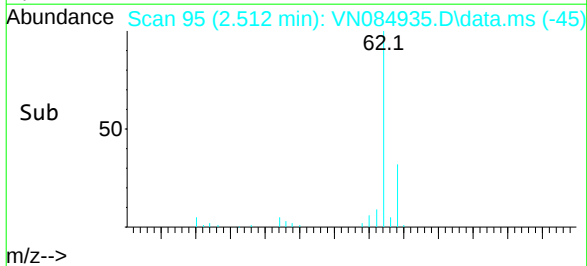
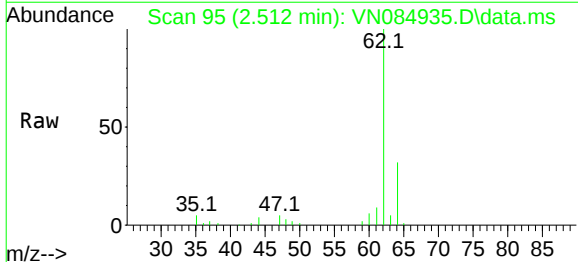
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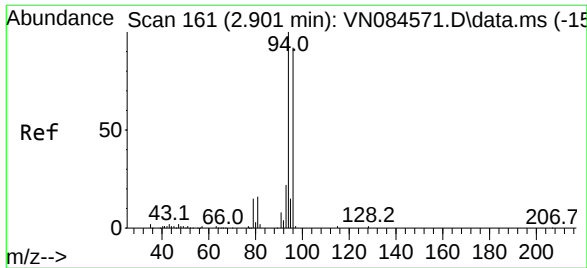
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#4
Vinyl Chloride
Concen: 45.283 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

Tgt Ion: 62 Resp: 107008
Ion Ratio Lower Upper
62 100
64 31.0 26.2 39.4





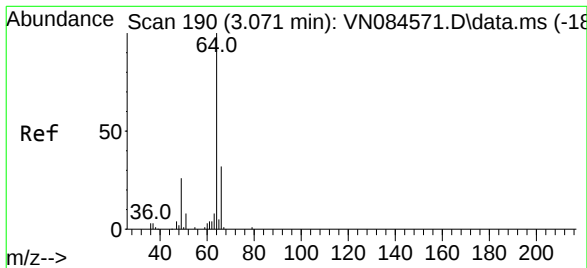
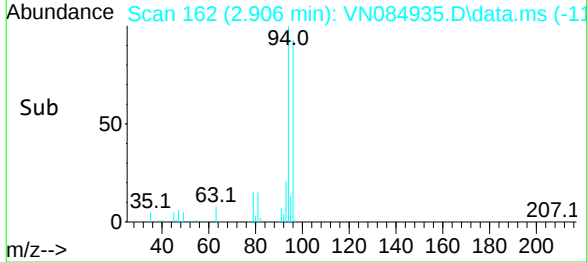
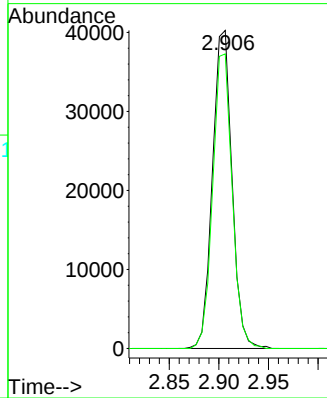
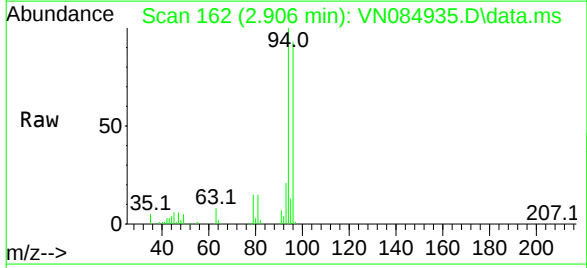
#5
Bromomethane
Concen: 44.003 ug/l
RT: 2.906 min Scan# 161
Delta R.T. -0.047 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

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Tgt Ion: 94 Resp: 55094
Ion Ratio Lower Upper
94 100
96 92.6 72.9 109.3

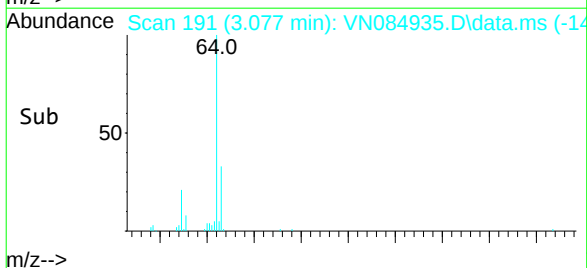
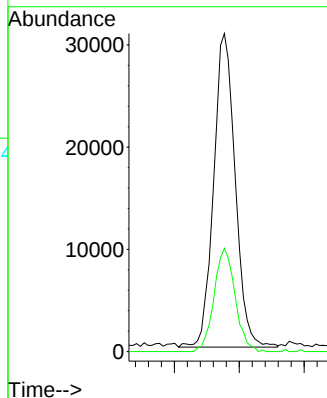
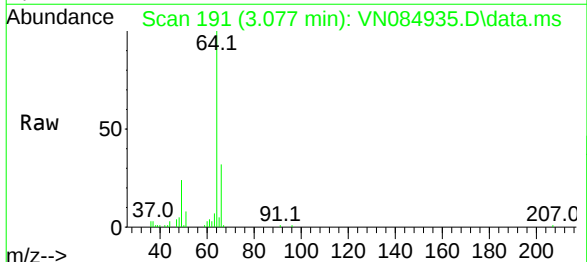
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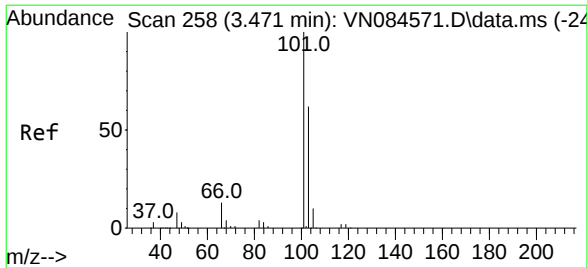
Reviewed By :John Carlone 11/20/2024
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#6
Chloroethane
Concen: 48.294 ug/l
RT: 3.077 min Scan# 191
Delta R.T. -0.041 min
Lab File: VN084935.D
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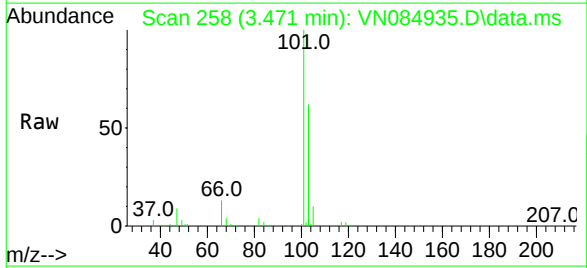
Tgt Ion: 64 Resp: 70713
Ion Ratio Lower Upper
64 100
66 32.9 23.5 35.3





#7
 Trichlorofluoromethane
 Concen: 46.846 ug/l
 RT: 3.471 min Scan# 258
 Delta R.T. -0.024 min
 Lab File: VN084935.D
 Acq: 19 Nov 2024 09:27

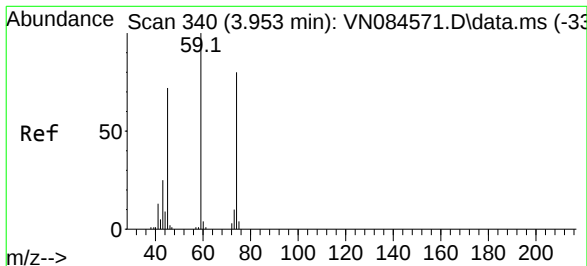
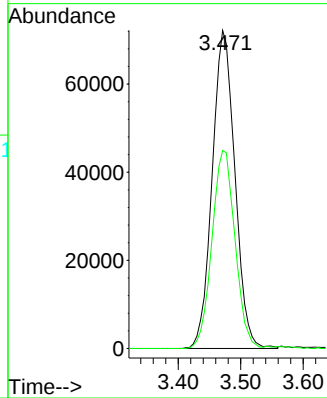
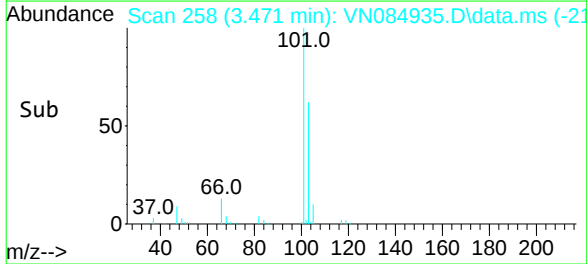
Instrument :
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 VSTDCCC050



Tgt Ion: 101 Resp: 182356
 Ion Ratio Lower Upper
 101 100
 103 62.3 51.8 77.6

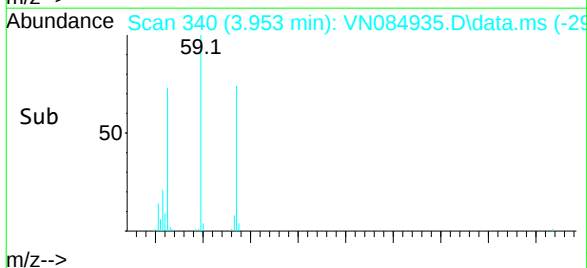
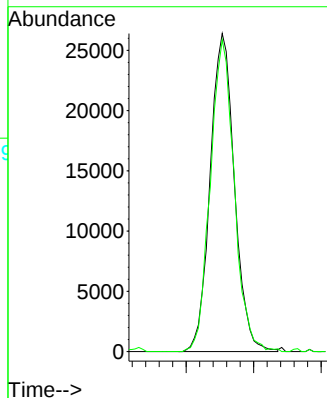
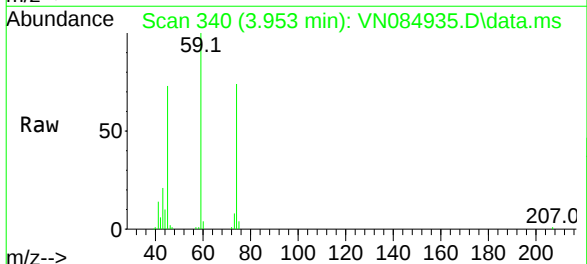
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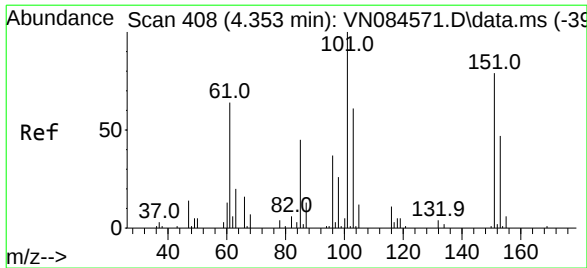
Reviewed By : John Carlone 11/20/2024
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#8
 Diethyl Ether
 Concen: 48.018 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VN084935.D
 Acq: 19 Nov 2024 09:27

Tgt Ion: 74 Resp: 65937
 Ion Ratio Lower Upper
 74 100
 45 96.8 47.7 143.1





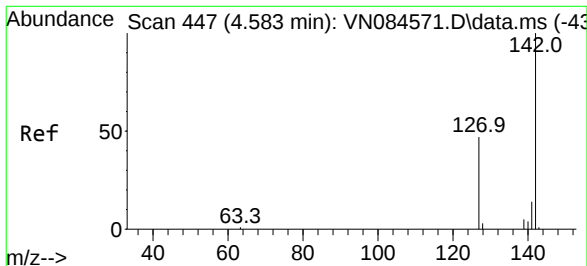
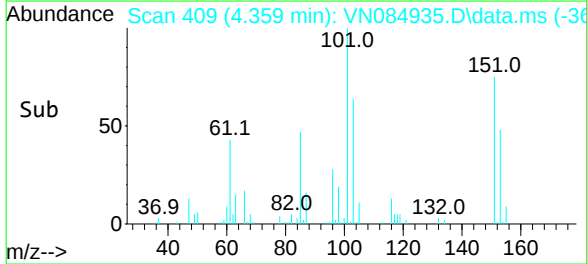
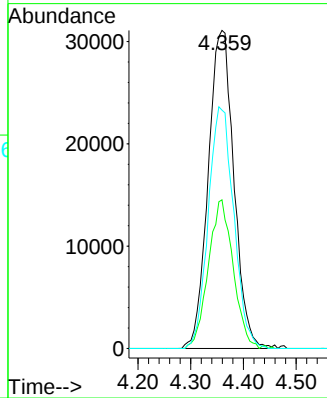
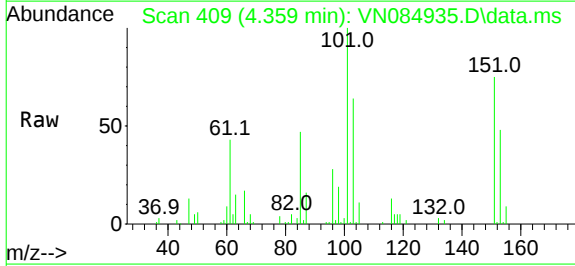
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.867 ug/l
RT: 4.359 min Scan# 408
Delta R.T. -0.012 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 105288
Ion Ratio Lower Upper
101 100
85 45.1 36.2 54.4
151 75.3 59.3 88.9

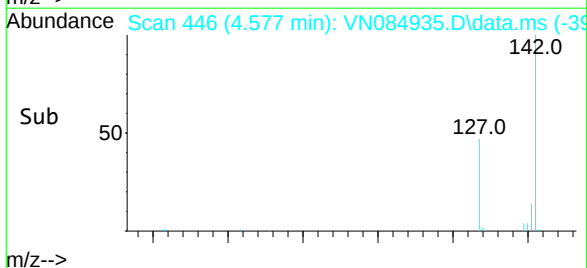
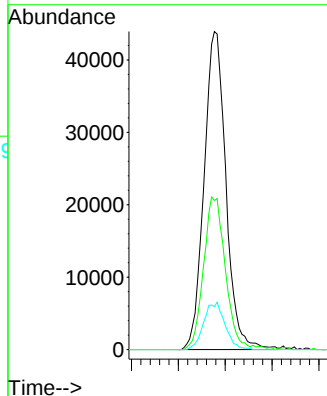
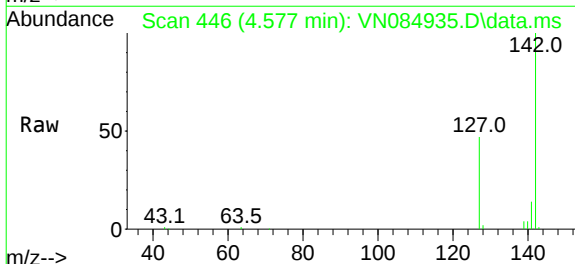
Manual Integrations
APPROVED

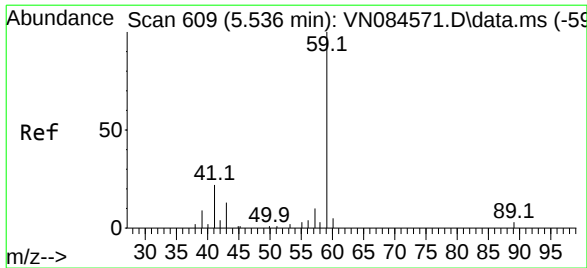
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#10
Methyl Iodide
Concen: 48.358 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.018 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

Tgt Ion:142 Resp: 142160
Ion Ratio Lower Upper
142 100
127 46.9 35.3 52.9
141 13.5 11.0 16.6





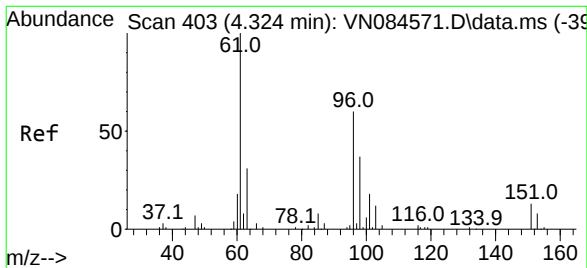
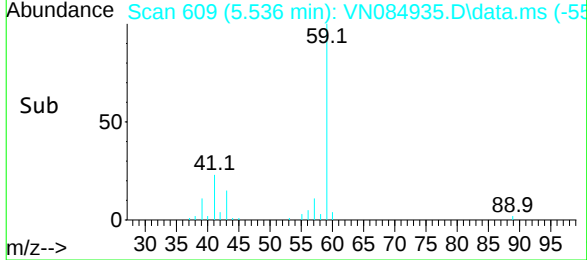
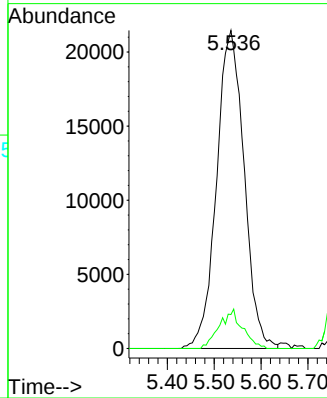
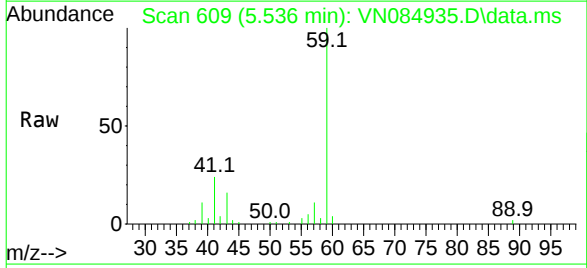
#11
Tert butyl alcohol
Concen: 240.025 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.012 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 87458
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.2

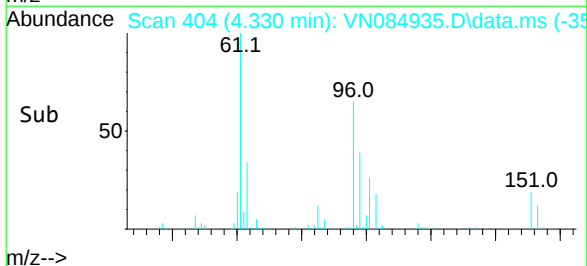
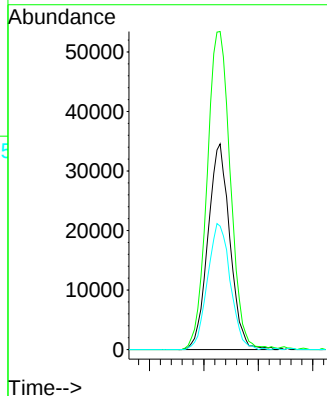
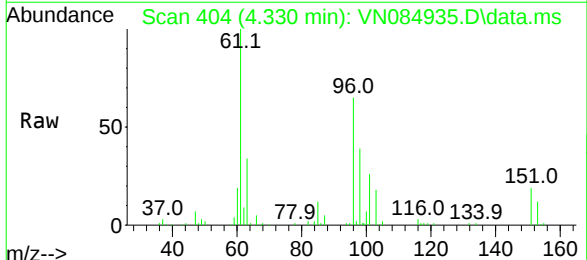
Manual Integrations
APPROVED

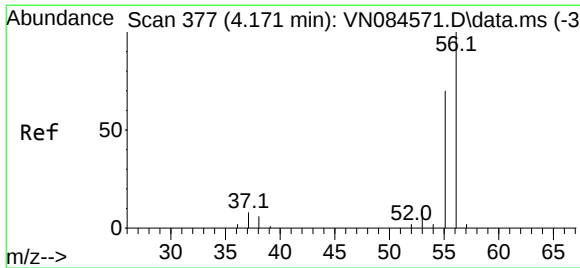
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#12
1,1-Dichloroethene
Concen: 44.604 ug/l
RT: 4.330 min Scan# 404
Delta R.T. -0.012 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

Tgt Ion: 96 Resp: 97079
Ion Ratio Lower Upper
96 100
61 154.6 128.6 192.8
98 60.0 51.7 77.5





#13

Acrolein

Concen: 272.913 ug/l

RT: 4.171 min Scan# 37

Delta R.T. -0.006 min

Lab File: VN084935.D

Acq: 19 Nov 2024 09:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 99160

Ion Ratio Lower Upper

56 100

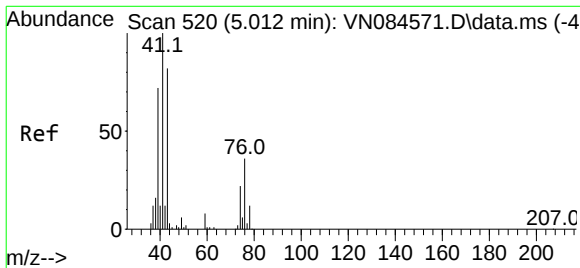
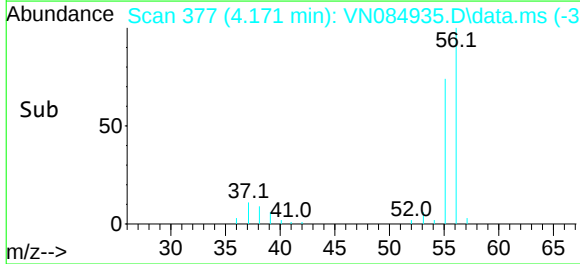
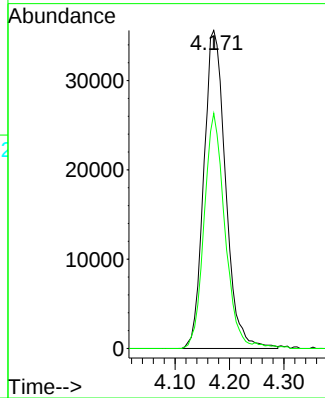
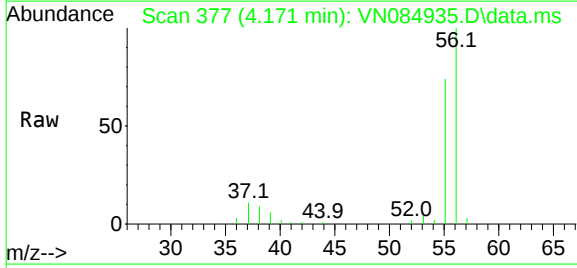
55 69.8 57.2 85.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2024

Supervised By :Mahesh Dadoda 11/20/2024



#14

Allyl chloride

Concen: 45.828 ug/l

RT: 5.012 min Scan# 520

Delta R.T. -0.012 min

Lab File: VN084935.D

Acq: 19 Nov 2024 09:27

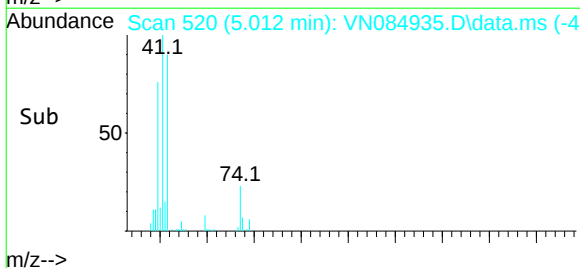
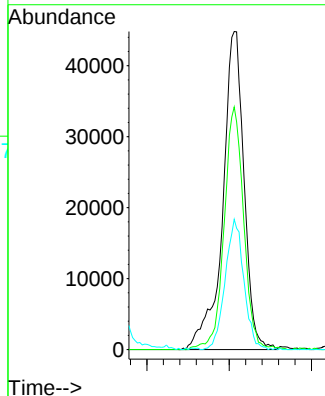
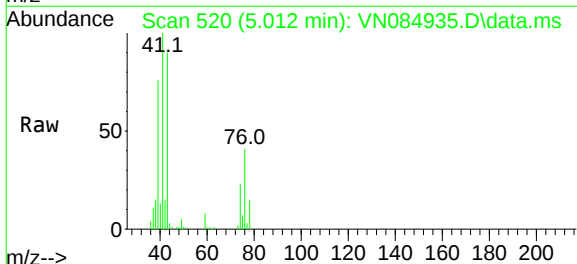
Tgt Ion: 41 Resp: 161760

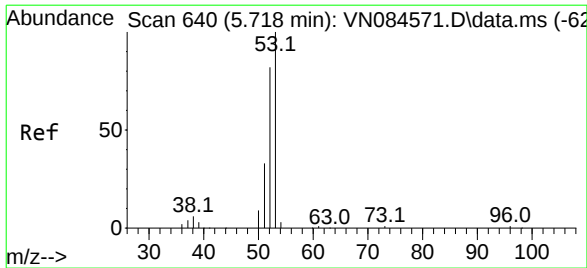
Ion Ratio Lower Upper

41 100

39 69.8 59.0 88.6

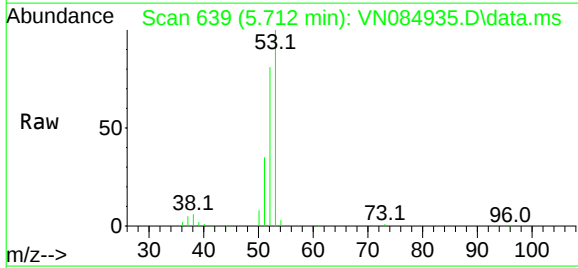
76 35.8 29.8 44.6





#15
Acrylonitrile
Concen: 246.673 ug/l
RT: 5.712 min Scan# 63
Delta R.T. -0.006 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

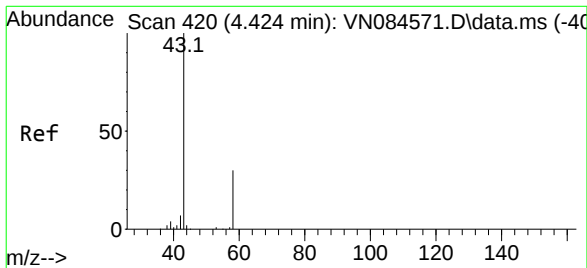
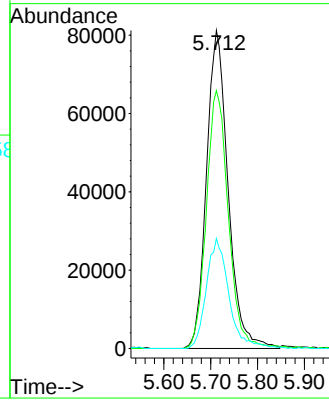
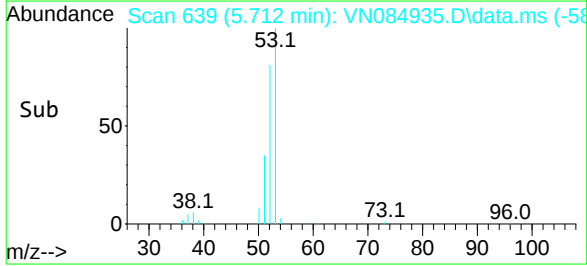
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 260199
Ion Ratio Lower Upper
53 100
52 82.1 66.2 99.4
51 36.0 28.8 43.2

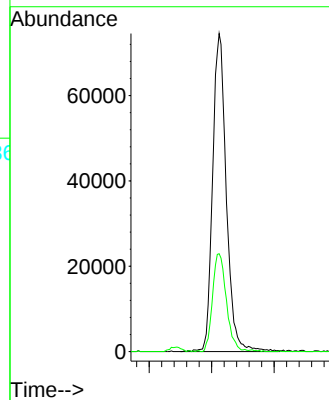
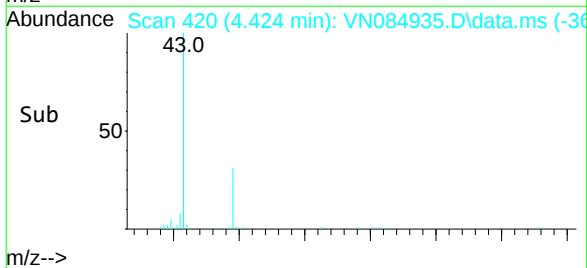
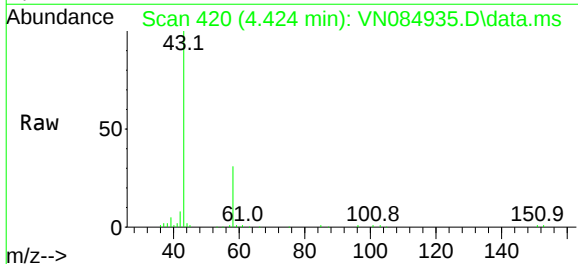
Manual Integrations
APPROVED

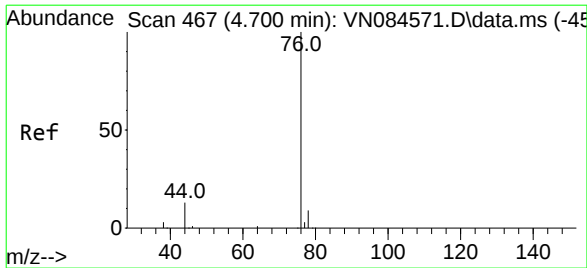
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#16
Acetone
Concen: 284.903 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

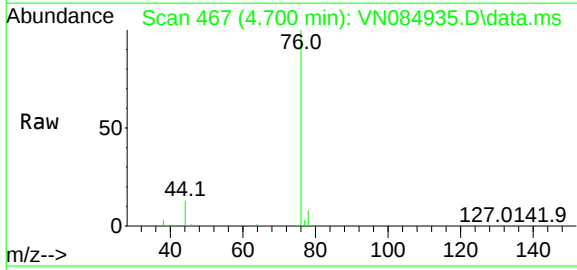
Tgt Ion: 43 Resp: 226860
Ion Ratio Lower Upper
43 100
58 30.5 24.4 36.6





#17
Carbon Disulfide
Concen: 38.771 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.012 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

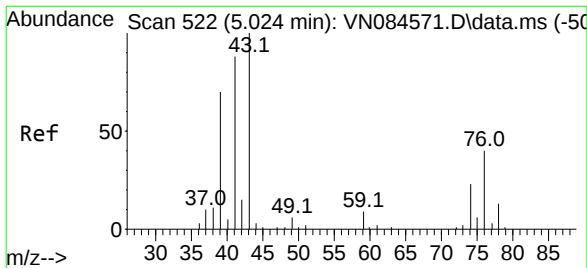
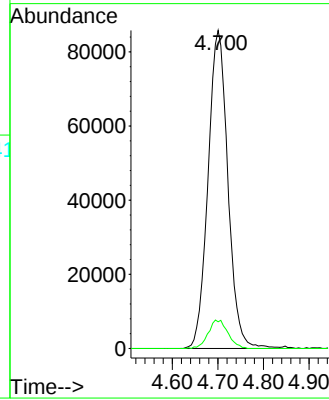
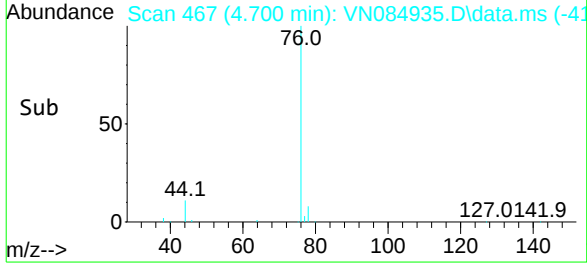
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 259868
Ion Ratio Lower Upper
76 100
78 8.4 7.3 10.9

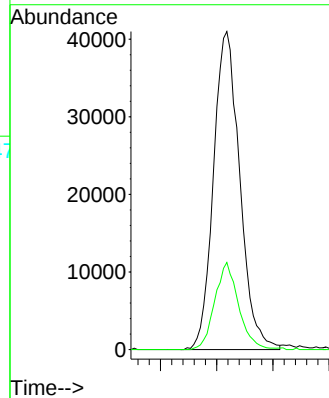
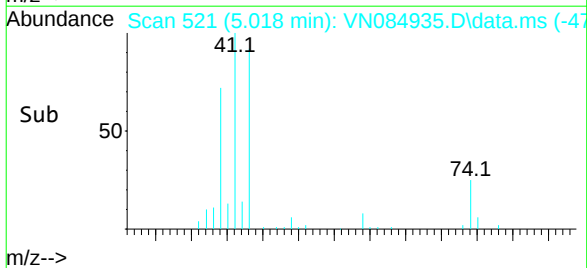
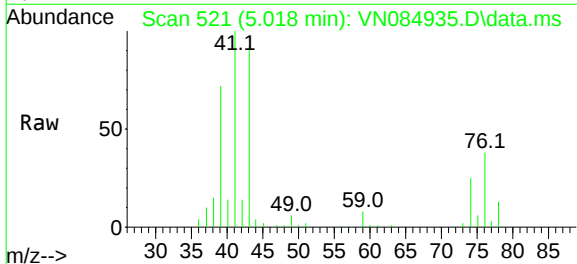
Manual Integrations
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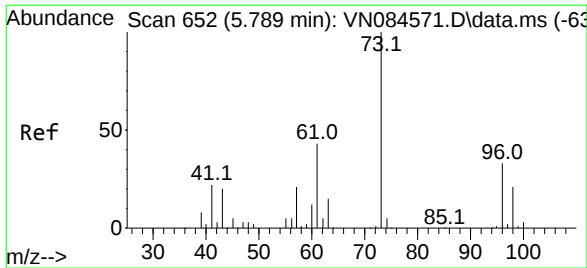
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#18
Methyl Acetate
Concen: 45.365 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

Tgt Ion: 43 Resp: 133214
Ion Ratio Lower Upper
43 100
74 24.8 19.2 28.8





#19

Methyl tert-butyl Ether

Concen: 51.644 ug/l

RT: 5.789 min Scan# 65

Delta R.T. -0.006 min

Lab File: VN084935.D

Acq: 19 Nov 2024 09:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 344516

Ion Ratio Lower Upper

73 100

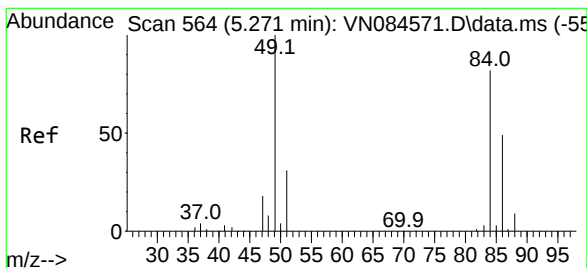
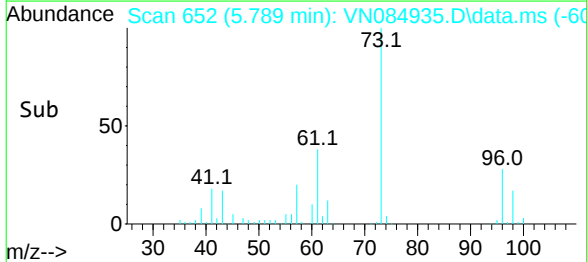
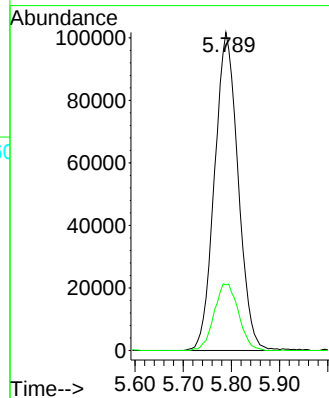
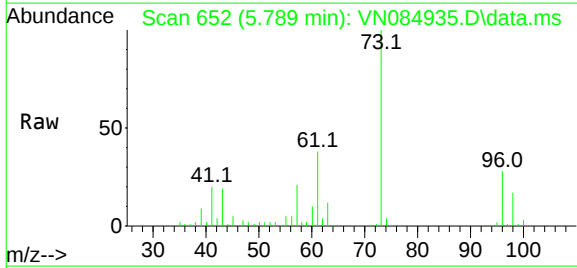
57 20.7 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2024

Supervised By :Mahesh Dadoda 11/20/2024



#20

Methylene Chloride

Concen: 46.103 ug/l

RT: 5.265 min Scan# 563

Delta R.T. -0.012 min

Lab File: VN084935.D

Acq: 19 Nov 2024 09:27

Tgt Ion: 84 Resp: 111930

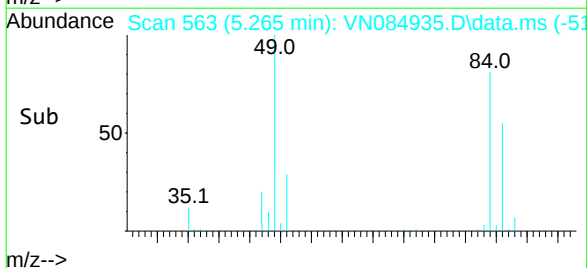
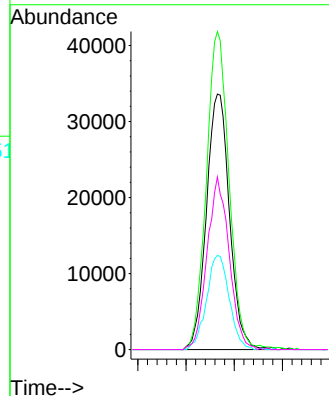
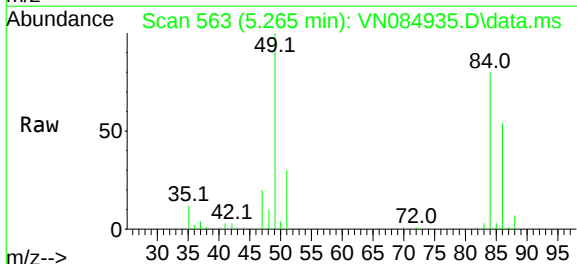
Ion Ratio Lower Upper

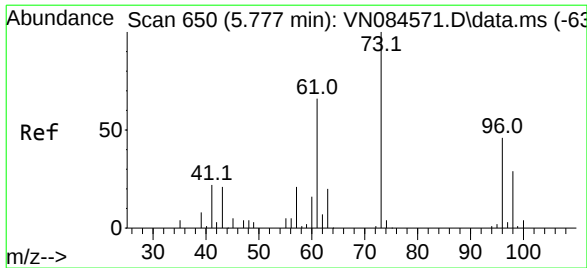
84 100

49 124.5 107.2 160.8

51 36.9 31.8 47.8

86 67.6 52.9 79.3





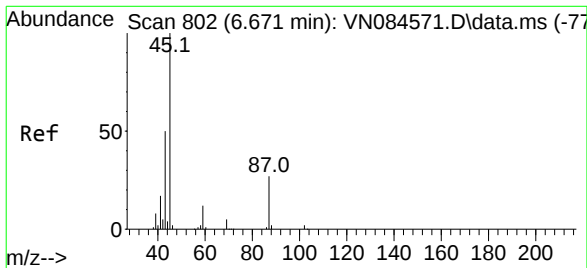
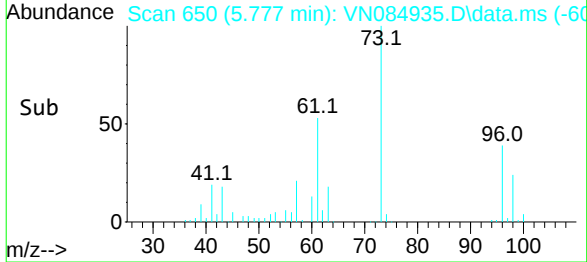
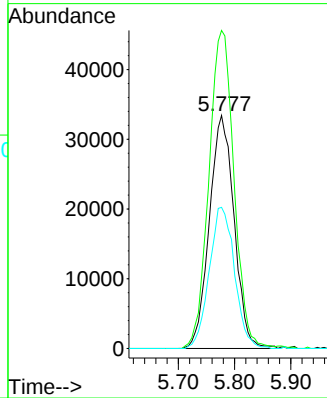
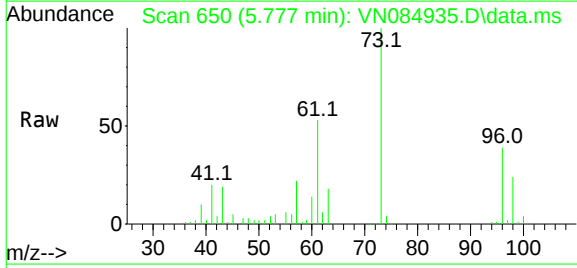
#21
trans-1,2-Dichloroethene
Concen: 45.743 ug/l
RT: 5.777 min Scan# 650
Delta R.T. -0.012 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 102229
Ion Ratio Lower Upper
96 100
61 136.5 108.4 162.6
98 60.6 49.8 74.8

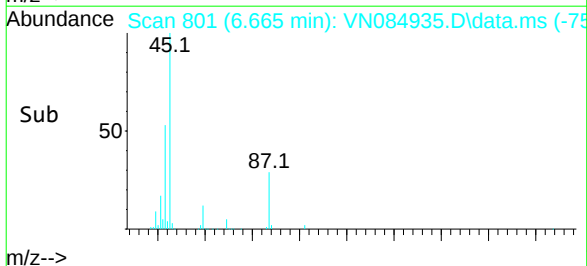
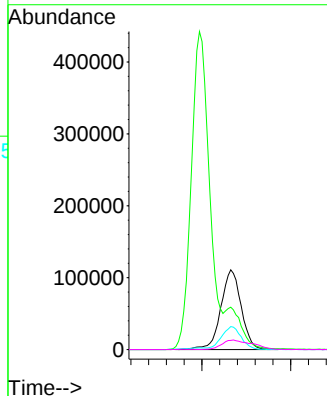
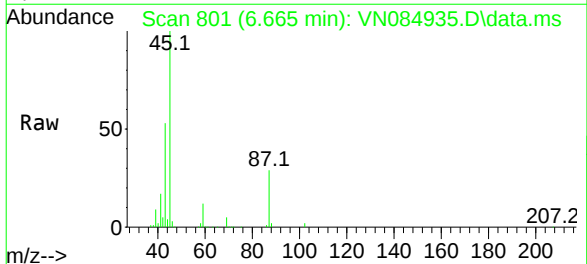
Manual Integrations
APPROVED

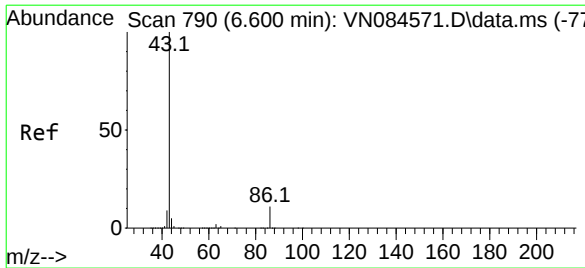
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#22
Diisopropyl ether
Concen: 50.286 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

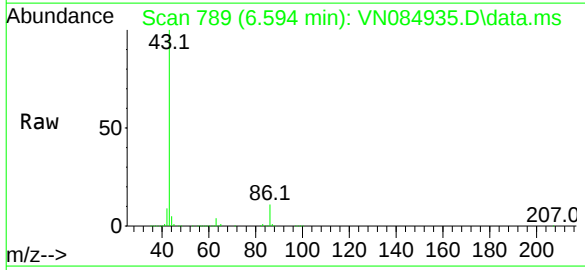
Tgt Ion: 45 Resp: 352685
Ion Ratio Lower Upper
45 100
43 52.1 42.3 63.5
87 28.8 21.8 32.6
59 11.2 9.6 14.4





#23
 Vinyl Acetate
 Concen: 259.595 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. -0.006 min
 Lab File: VN084935.D
 Acq: 19 Nov 2024 09:27

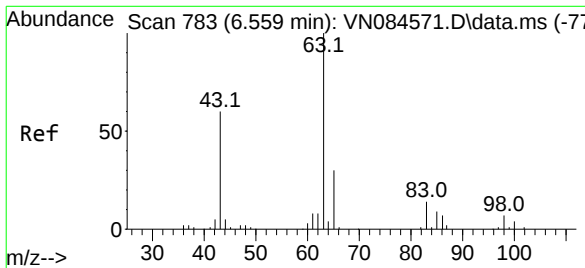
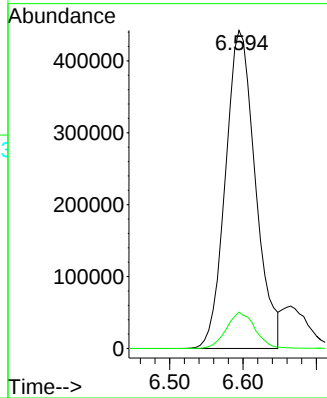
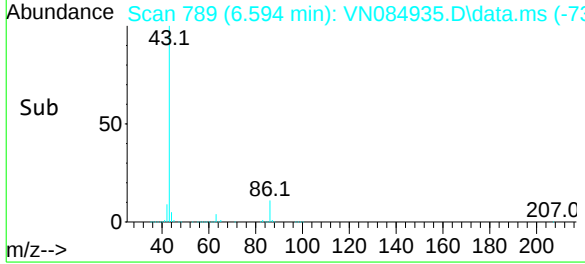
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



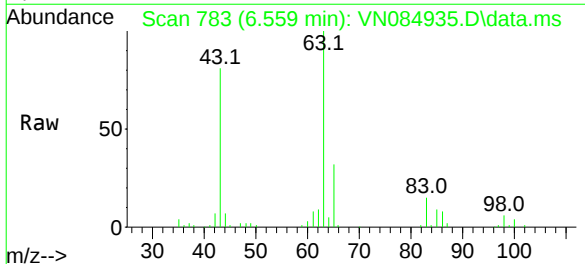
Tgt Ion: 43 Resp: 1255562
 Ion Ratio Lower Upper
 43 100
 86 11.5 8.6 12.8

Manual Integrations
 APPROVED

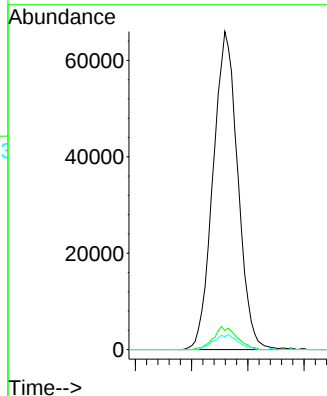
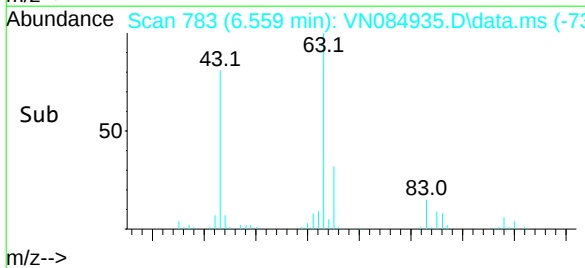
Reviewed By :John Carlone 11/20/2024
 Supervised By :Mahesh Dadoda 11/20/2024

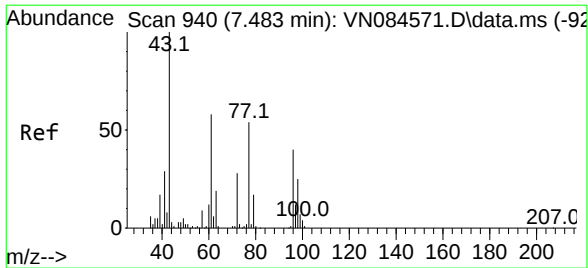


#24
 1,1-Dichloroethane
 Concen: 47.872 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. -0.012 min
 Lab File: VN084935.D
 Acq: 19 Nov 2024 09:27



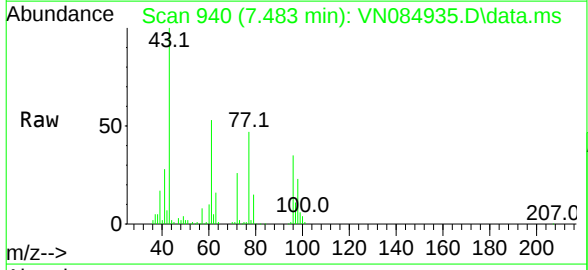
Tgt Ion: 63 Resp: 201578
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.4 10.2
 100 4.0 2.0 5.8





#25
2-Butanone
Concen: 267.147 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

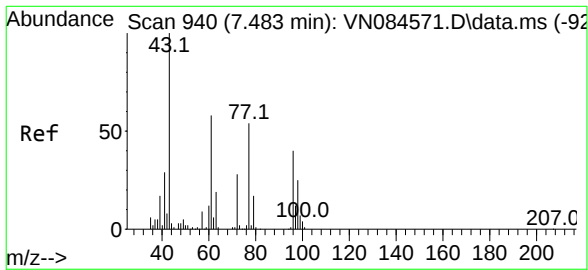
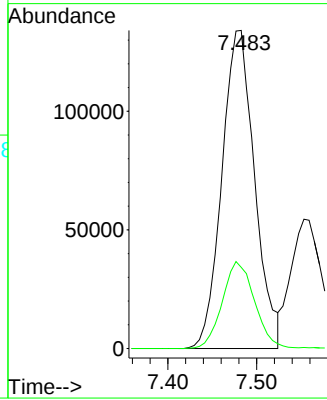
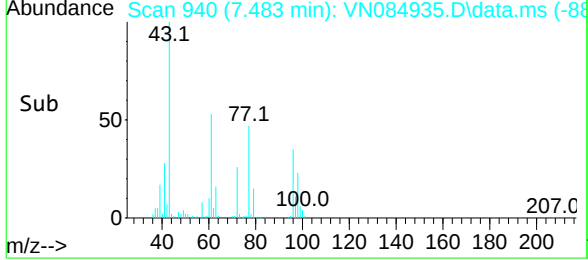
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



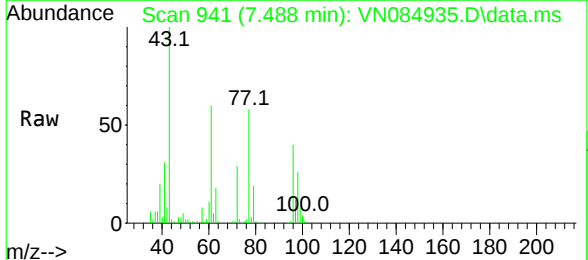
Tgt Ion: 43 Resp: 344040
Ion Ratio Lower Upper
43 100
72 25.5 21.4 32.2

Manual Integrations
APPROVED

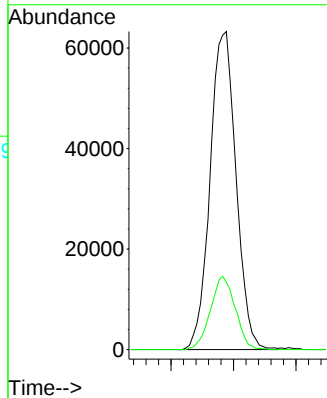
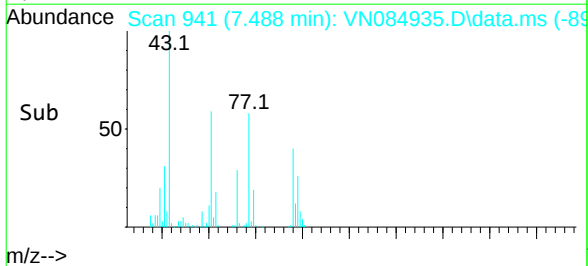
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024

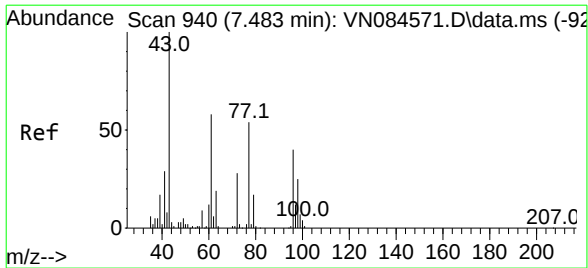


#26
2,2-Dichloropropane
Concen: 49.847 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27



Tgt Ion: 77 Resp: 182683
Ion Ratio Lower Upper
77 100
97 22.0 10.8 32.3





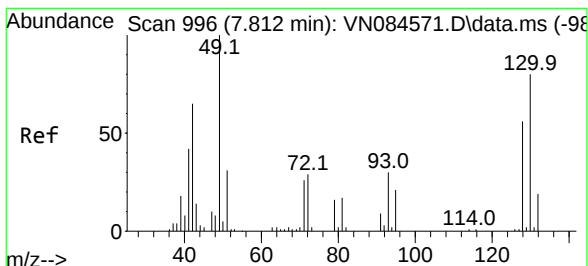
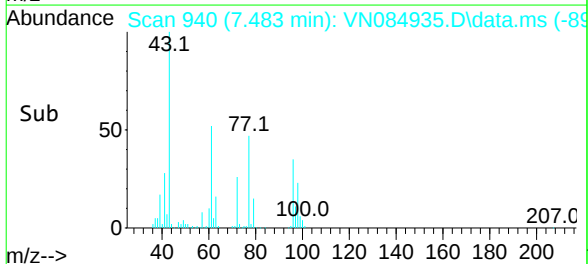
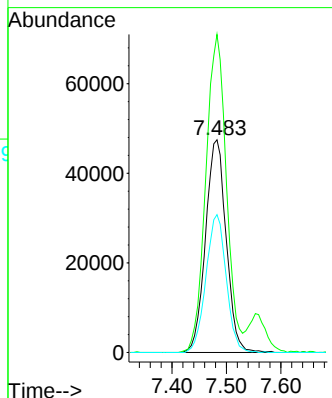
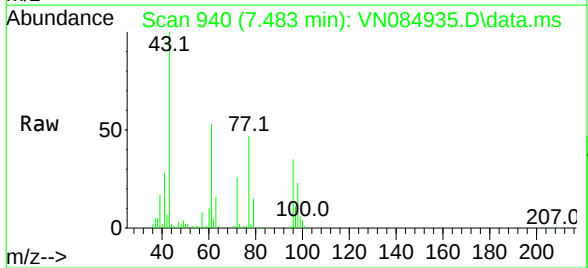
#27
 cis-1,2-Dichloroethene
 Concen: 47.994 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.006 min
 Lab File: VN084935.D
 Acq: 19 Nov 2024 09:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	96	Resp:	125243
Ion	Ratio	Lower	Upper
96	100		
61	148.7	0.0	301.8
98	63.6	0.0	128.2

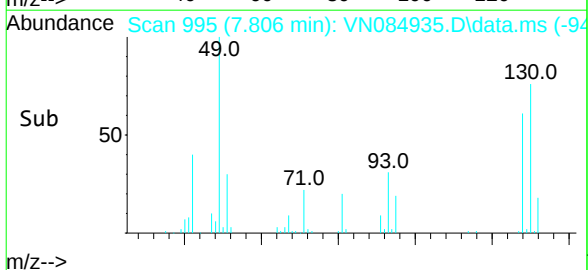
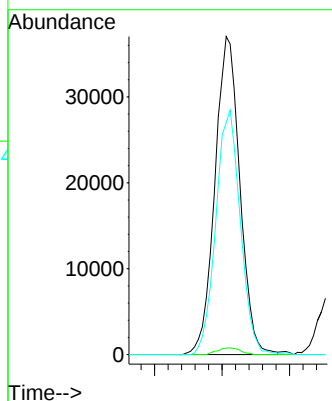
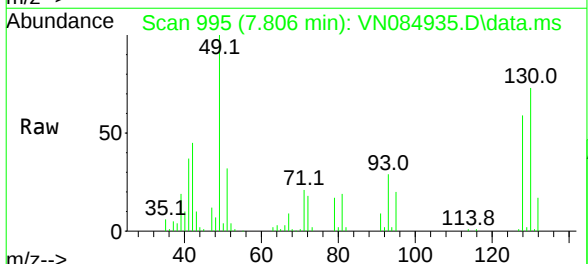
Manual Integrations
 APPROVED

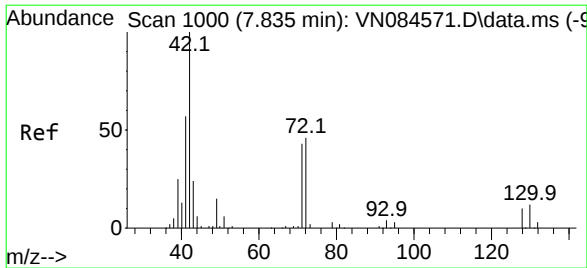
Reviewed By :John Carlone 11/20/2024
 Supervised By :Mahesh Dadoda 11/20/2024



#28
 Bromochloromethane
 Concen: 56.639 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.006 min
 Lab File: VN084935.D
 Acq: 19 Nov 2024 09:27

Tgt Ion:	49	Resp:	95018
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.6
130	75.8	58.0	87.0





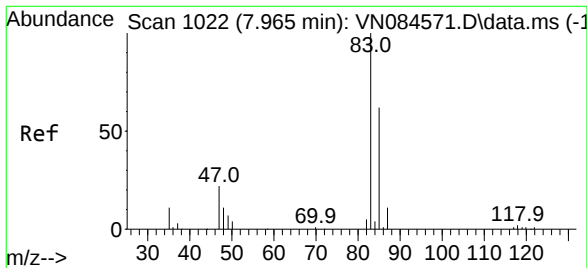
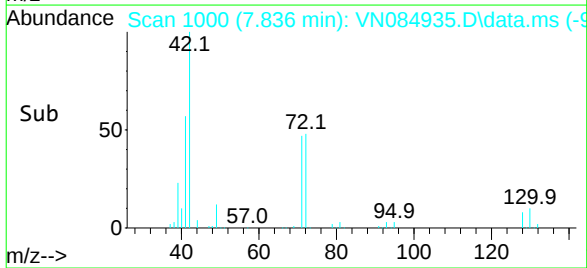
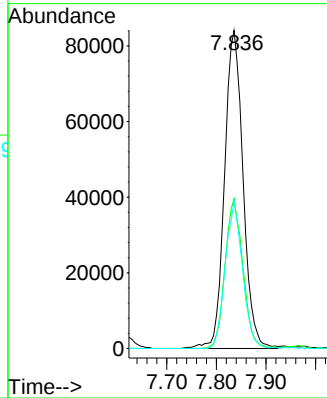
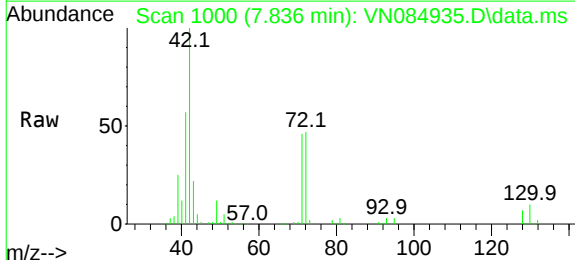
#29
Tetrahydrofuran
Concen: 255.360 ug/l
RT: 7.836 min Scan# 10
Delta R.T. 0.000 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	42	Resp:	218171
Ion	Ratio	Lower	Upper
42	100		
72	45.4	34.6	51.8
71	43.0	32.2	48.4

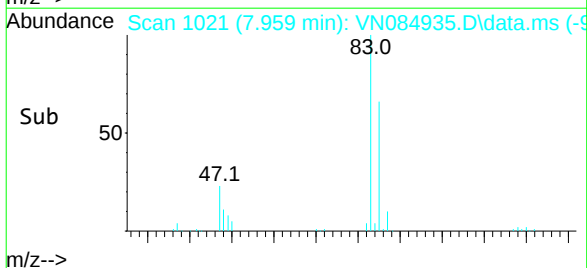
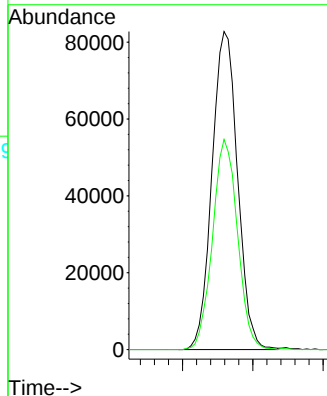
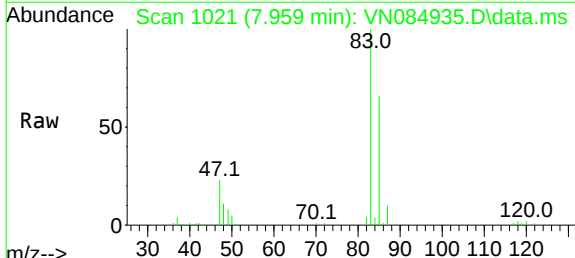
Manual Integrations
APPROVED

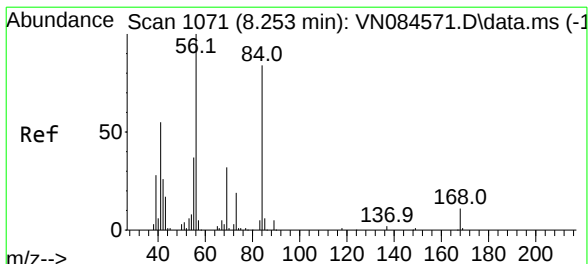
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#30
Chloroform
Concen: 48.799 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

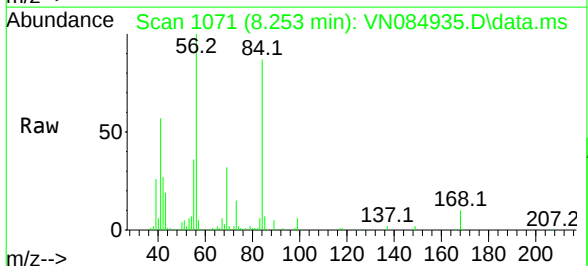
Tgt Ion:	83	Resp:	209141
Ion	Ratio	Lower	Upper
83	100		
85	66.1	51.0	76.4





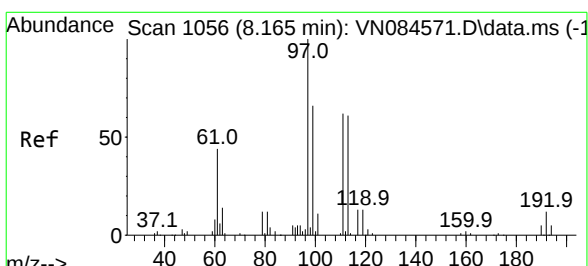
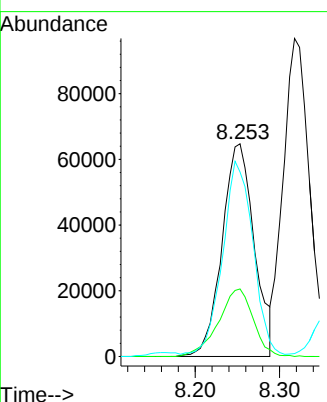
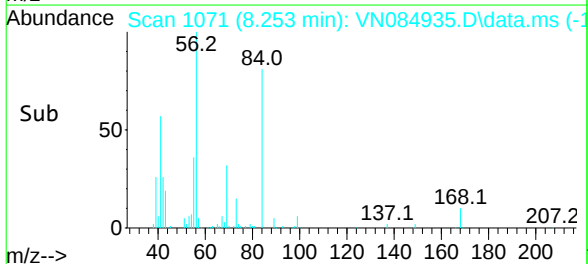
#31
Cyclohexane
Concen: 45.071 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

Instrument : MSVOA_N
Client SampleId : VSTDCCC050

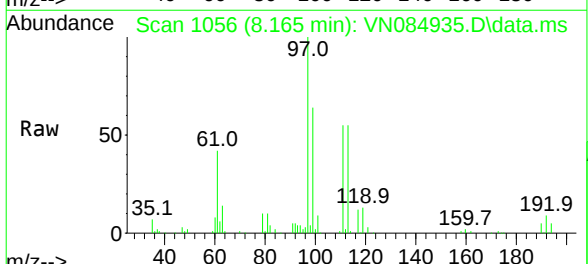


Tgt Ion	Ratio	Lower	Upper
56	100		
69	31.8	23.8	35.6
84	85.0	68.8	103.2

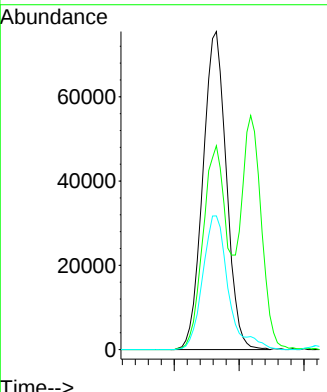
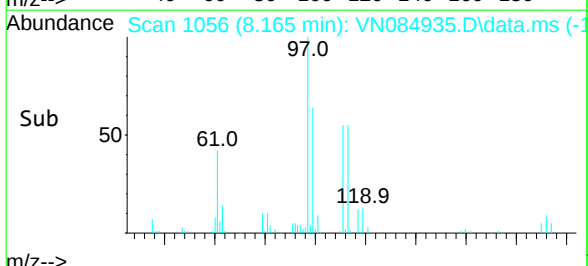
Manual Integrations
APPROVED
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024

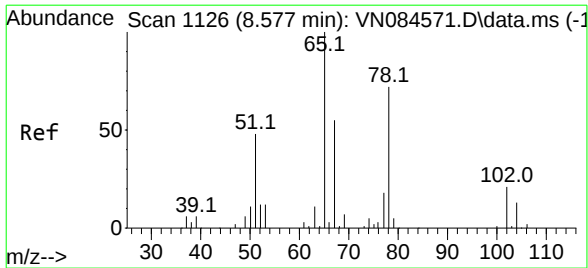


#32
1,1,1-Trichloroethane
Concen: 48.647 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27



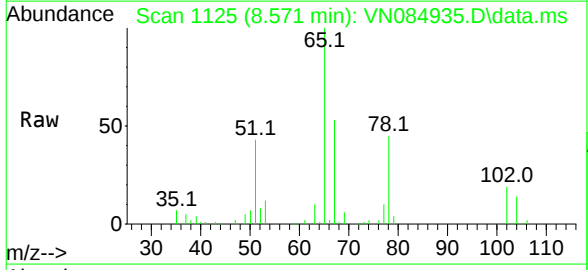
Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.3	51.2	76.8
61	45.9	37.5	56.3





#33
 1,2-Dichloroethane-d4
 Concen: 46.504 ug/l
 RT: 8.571 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: VN084935.D
 Acq: 19 Nov 2024 09:27

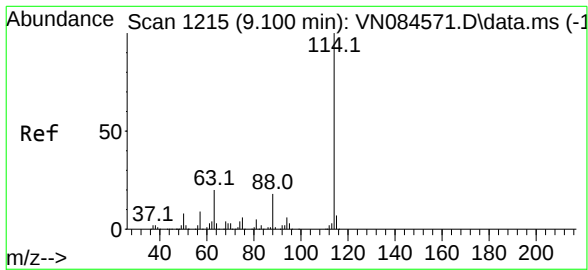
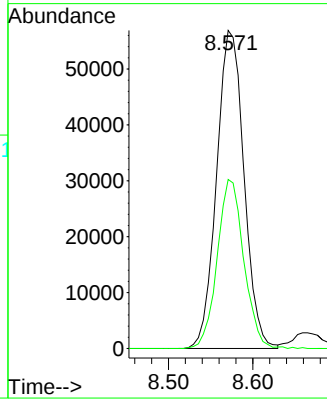
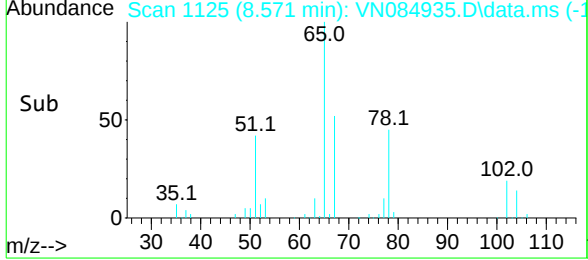
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



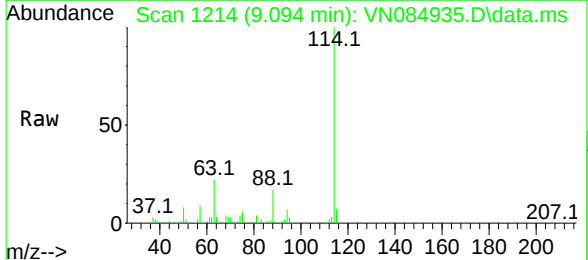
Tgt Ion: 65 Resp: 128370
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 102.0

Manual Integrations
APPROVED

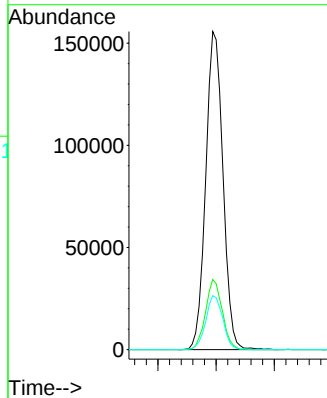
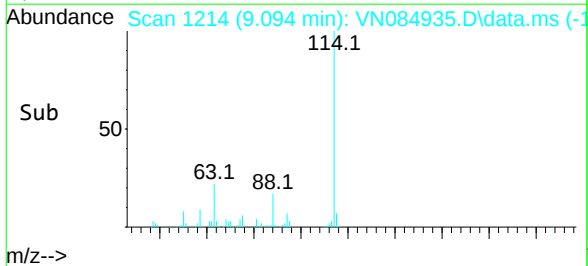
Reviewed By :John Carlone 11/20/2024
 Supervised By :Mahesh Dadoda 11/20/2024

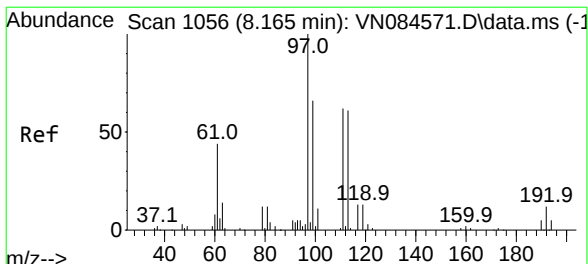


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.094 min Scan# 1214
 Delta R.T. -0.006 min
 Lab File: VN084935.D
 Acq: 19 Nov 2024 09:27



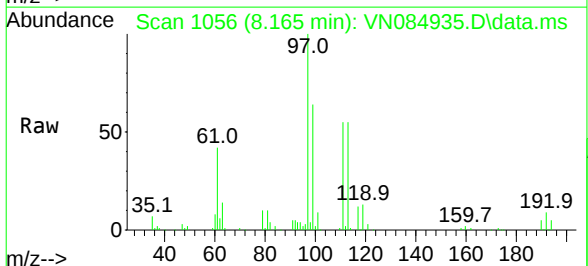
Tgt Ion:114 Resp: 319795
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 43.8
 88 17.0 0.0 31.6





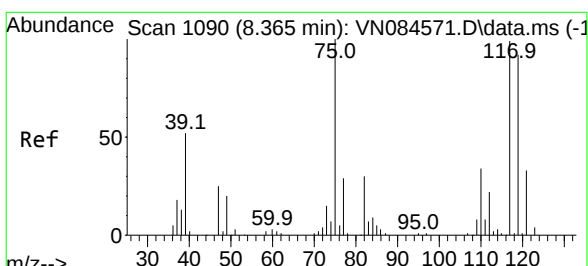
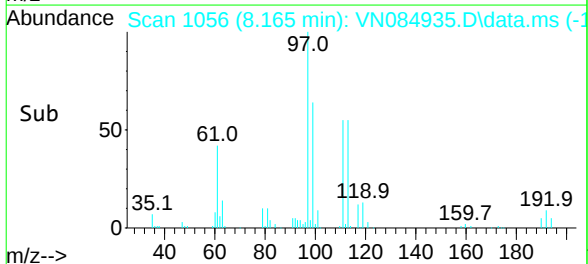
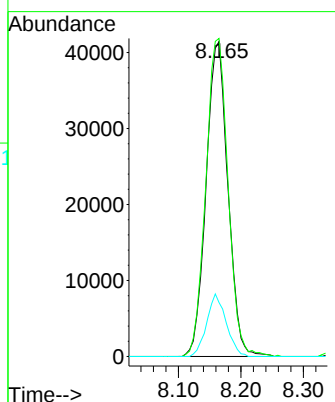
#35
 Dibromofluoromethane
 Concen: 46.334 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VN084935.D
 Acq: 19 Nov 2024 09:27

Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050



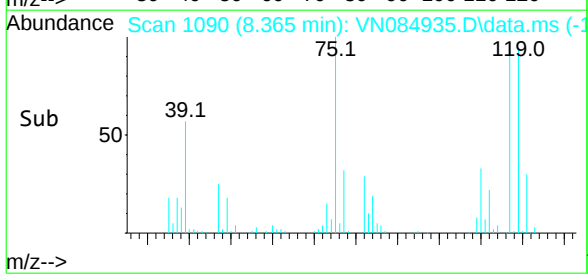
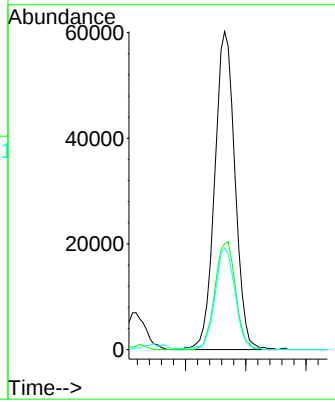
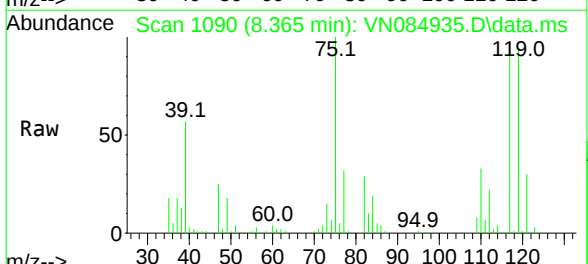
Tgt Ion:	113	Resp:	100296
Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.3	124.9
192	17.8	13.5	20.3

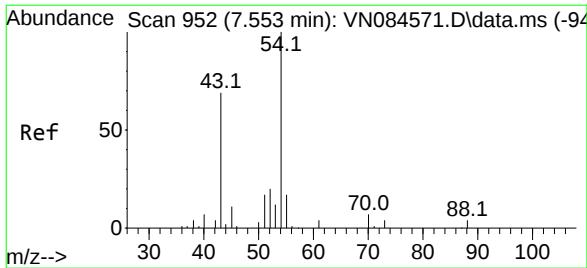
Manual Integrations
APPROVED
 Reviewed By :John Carlone 11/20/2024
 Supervised By :Mahesh Dadoda 11/20/2024



#36
 1,1-Dichloropropene
 Concen: 46.967 ug/l
 RT: 8.365 min Scan# 1090
 Delta R.T. -0.006 min
 Lab File: VN084935.D
 Acq: 19 Nov 2024 09:27

Tgt Ion:	75	Resp:	140999
Ion	Ratio	Lower	Upper
75	100		
110	34.4	16.9	50.7
77	31.8	24.7	37.1





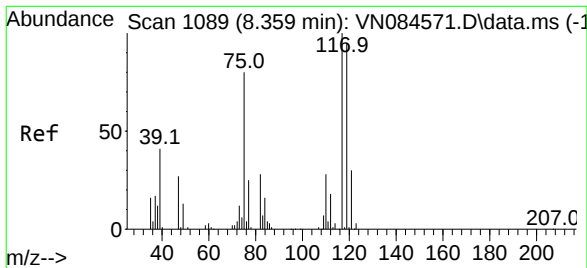
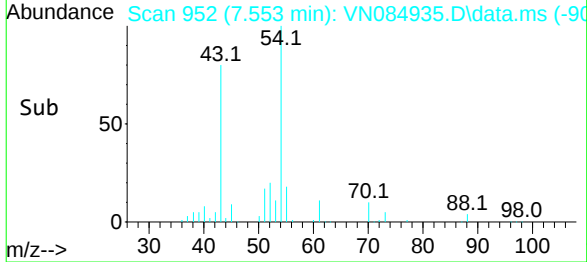
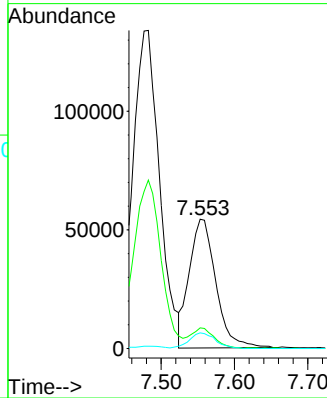
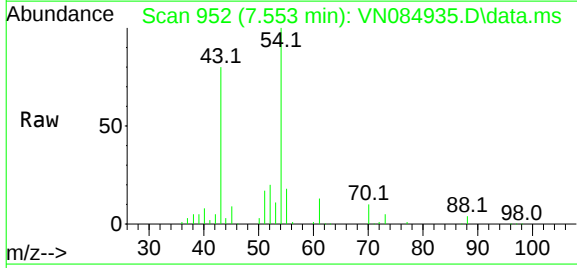
#37
Ethyl Acetate
Concen: 50.101 ug/l
RT: 7.553 min Scan# 952
Delta R.T. -0.006 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	43	Resp:	136462
Ion	Ratio	Lower	Upper
43	100		
61	14.4	10.7	16.1
70	11.9	8.8	13.2

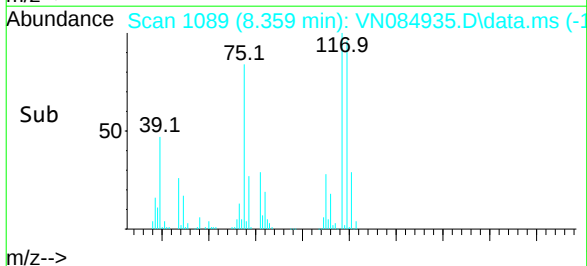
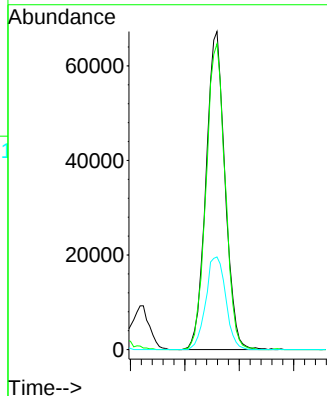
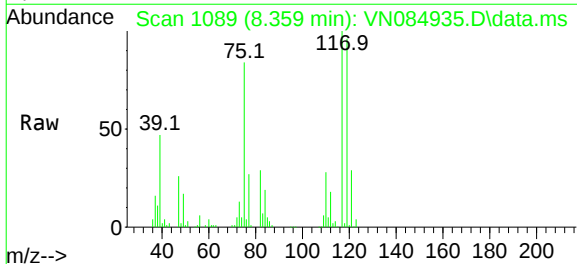
Manual Integrations
APPROVED

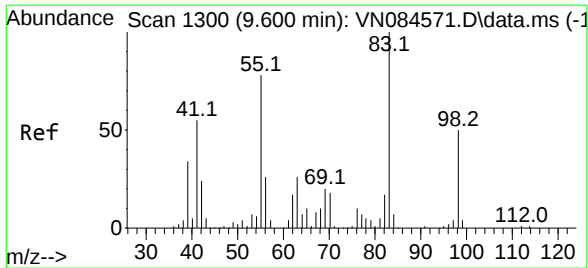
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#38
Carbon Tetrachloride
Concen: 48.570 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

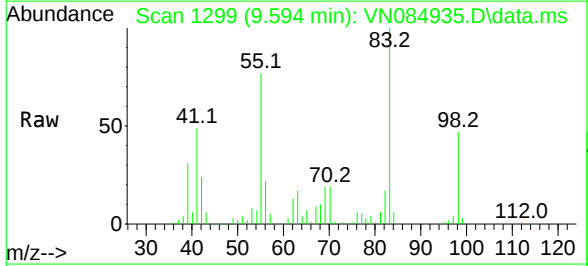
Tgt Ion:	117	Resp:	162977
Ion	Ratio	Lower	Upper
117	100		
119	96.1	78.7	118.1
121	29.1	24.4	36.6





#39
Methylcyclohexane
Concen: 51.303 ug/l
RT: 9.594 min Scan# 12
Delta R.T. -0.006 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

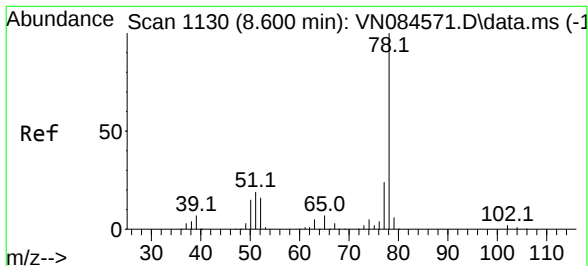
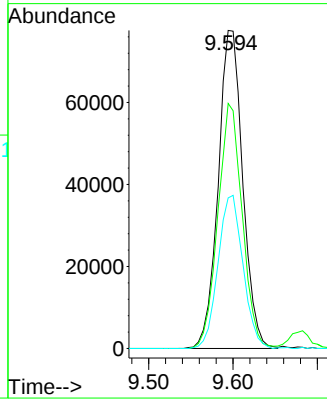
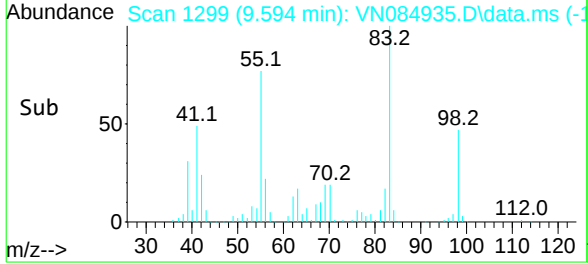
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 156684
Ion Ratio Lower Upper
83 100
55 77.0 62.8 94.2
98 47.3 38.8 58.2

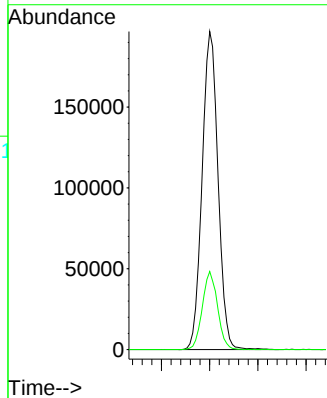
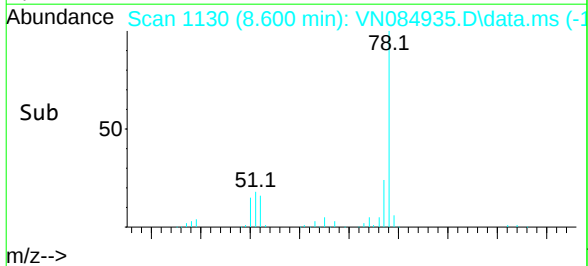
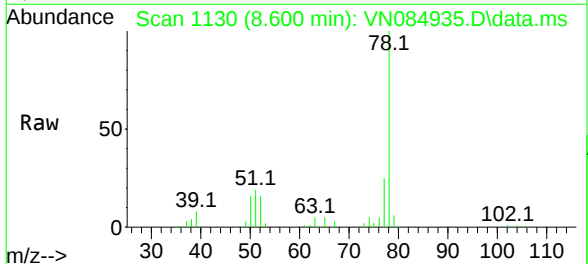
Manual Integrations
APPROVED

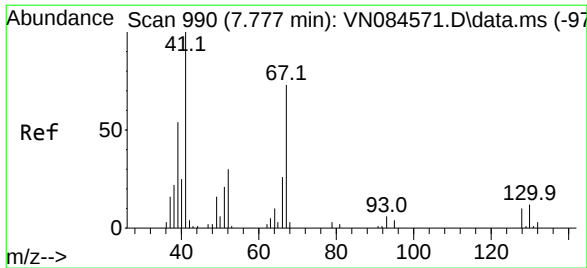
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#40
Benzene
Concen: 46.788 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

Tgt Ion: 78 Resp: 451082
Ion Ratio Lower Upper
78 100
77 24.6 19.1 28.7





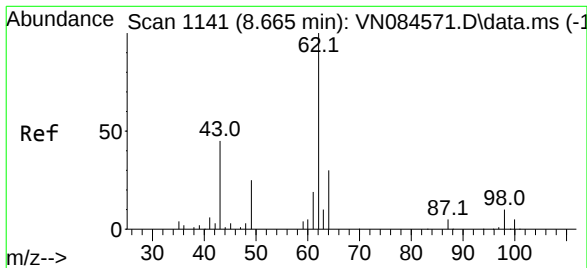
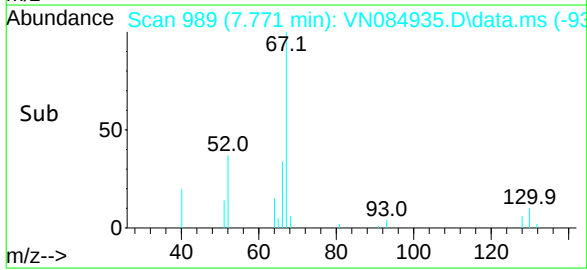
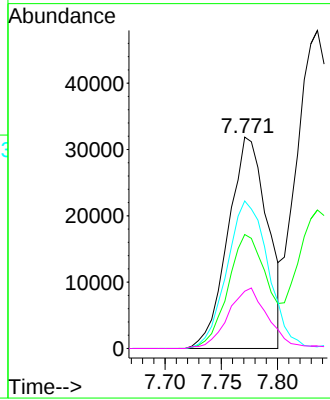
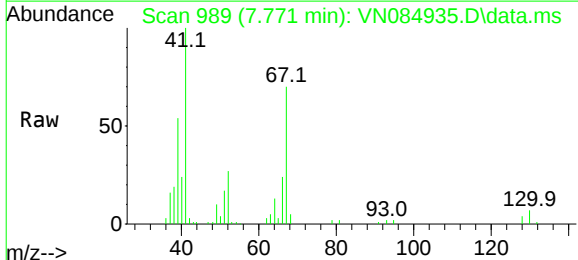
#41
Methacrylonitrile
Concen: 52.820 ug/l
RT: 7.771 min Scan# 98
Delta R.T. -0.006 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	77366
Ion	Ratio	Lower	Upper
41	100		
39	53.6	43.3	64.9
67	73.6	56.1	84.1
52	29.6	24.5	36.7

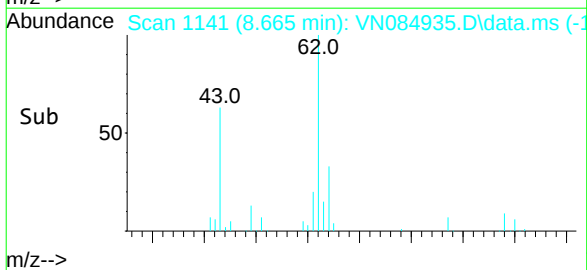
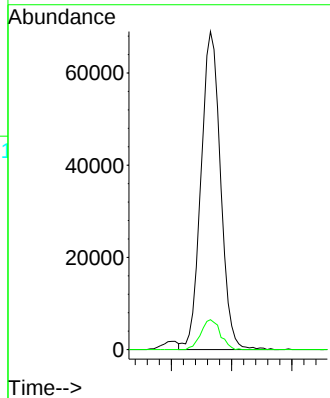
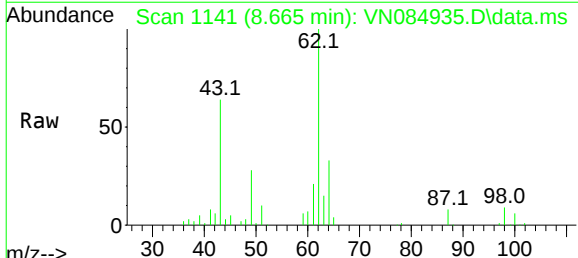
Manual Integrations
APPROVED

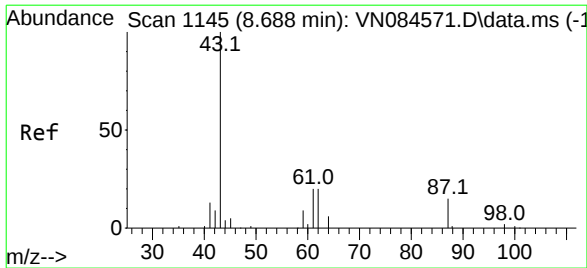
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#42
1,2-Dichloroethane
Concen: 49.771 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

Tgt Ion:	62	Resp:	155403
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.2





#43

Isopropyl Acetate

Concen: 49.952 ug/l

RT: 8.683 min Scan# 1145

Delta R.T. -0.005 min

Lab File: VN084935.D

Acq: 19 Nov 2024 09:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

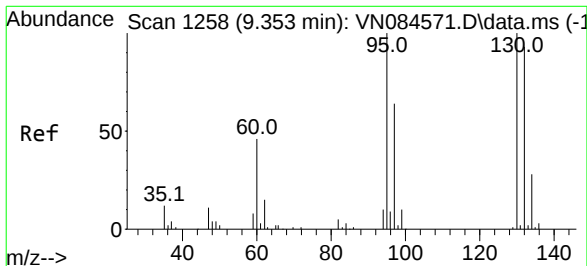
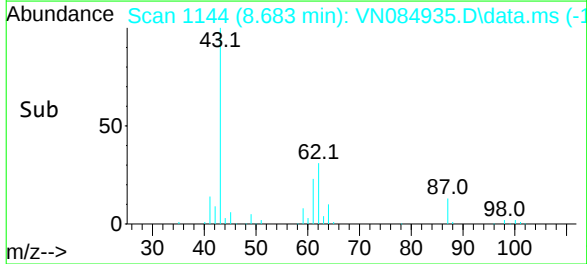
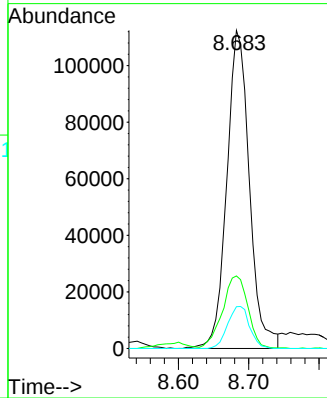
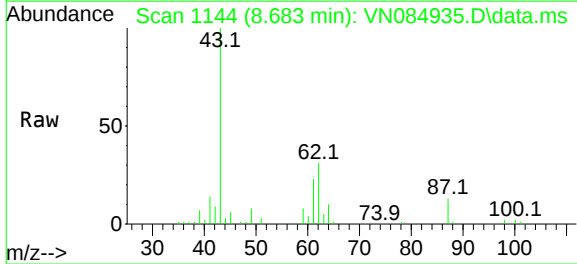
Tgt Ion:	43	Resp:	251358
Ion	Ratio	Lower	Upper
43	100		
61	25.7	20.4	30.6
87	12.8	10.3	15.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2024

Supervised By :Mahesh Dadoda 11/20/2024



#44

Trichloroethene

Concen: 45.632 ug/l

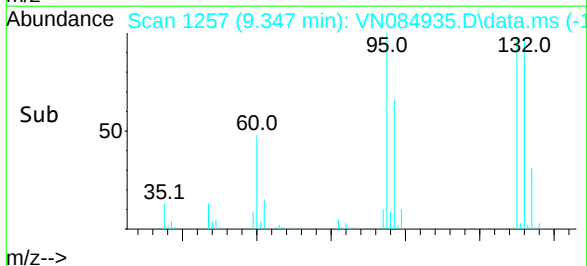
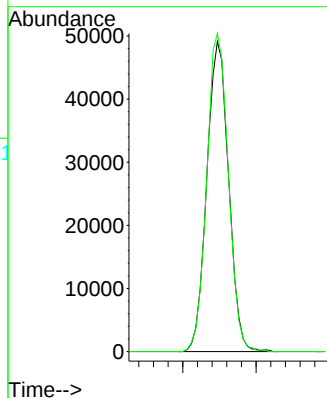
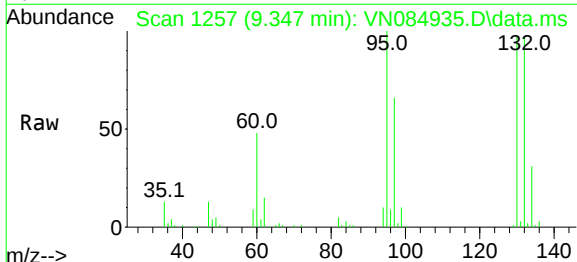
RT: 9.347 min Scan# 1257

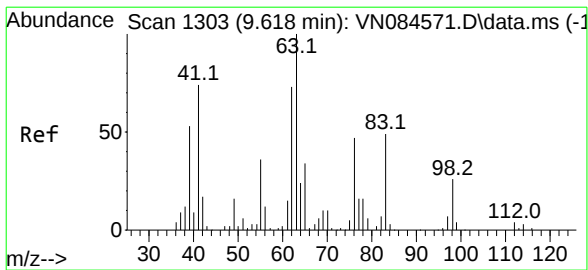
Delta R.T. 0.000 min

Lab File: VN084935.D

Acq: 19 Nov 2024 09:27

Tgt Ion:	130	Resp:	101462
Ion	Ratio	Lower	Upper
130	100		
95	102.6	0.0	203.0





#45

1,2-Dichloropropane

Concen: 49.656 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN084935.D

Acq: 19 Nov 2024 09:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 112302

Ion Ratio Lower Upper

63 100

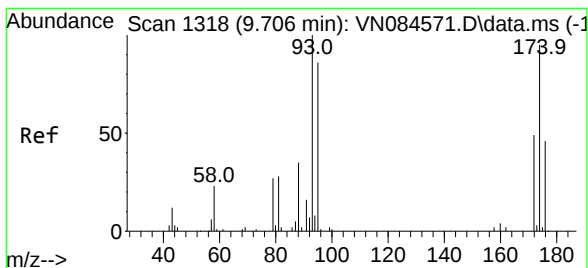
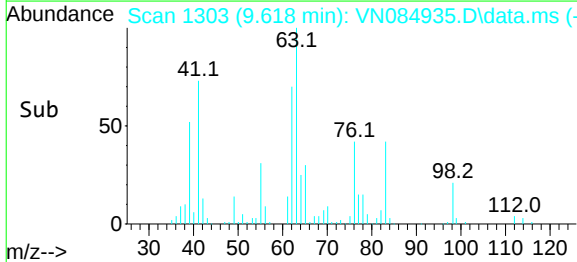
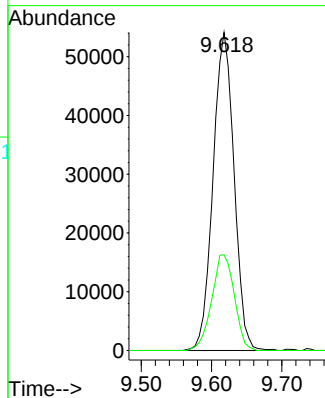
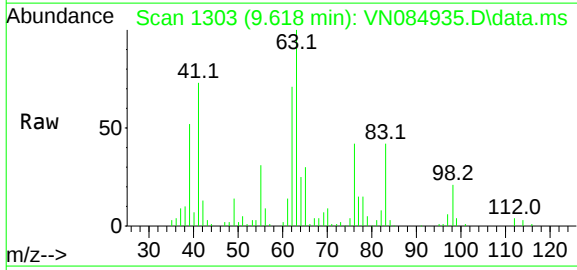
65 30.1 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2024

Supervised By :Mahesh Dadoda 11/20/2024



#46

Dibromomethane

Concen: 48.708 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN084935.D

Acq: 19 Nov 2024 09:27

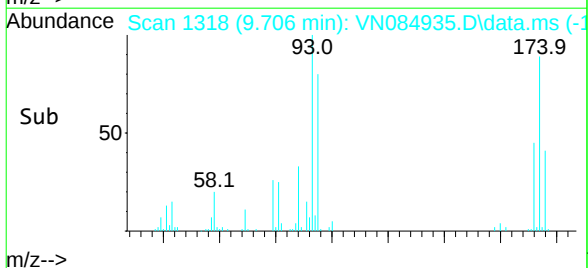
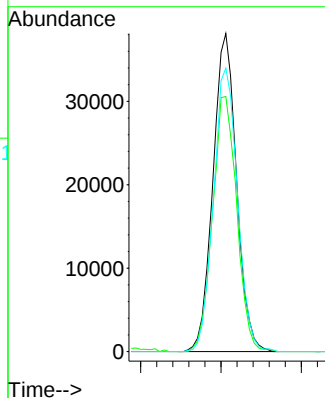
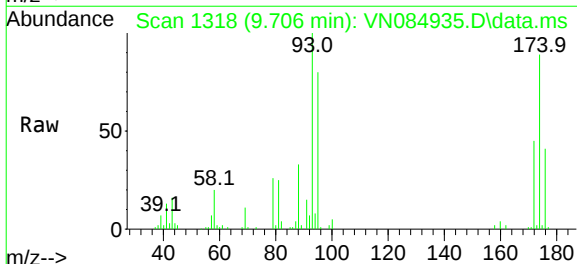
Tgt Ion: 93 Resp: 77732

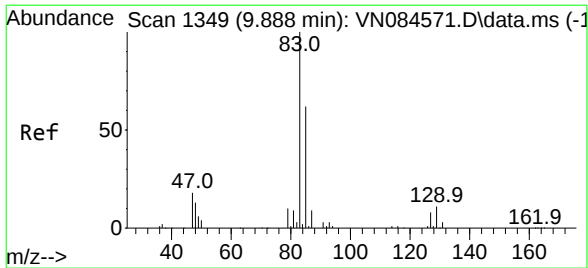
Ion Ratio Lower Upper

93 100

95 82.3 65.0 97.4

174 90.9 71.8 107.8





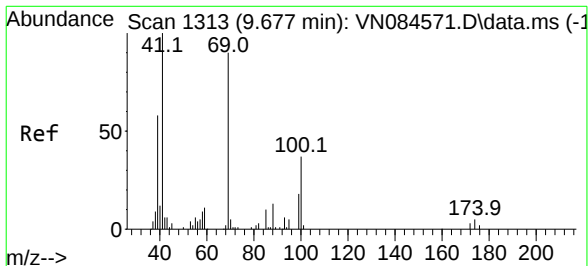
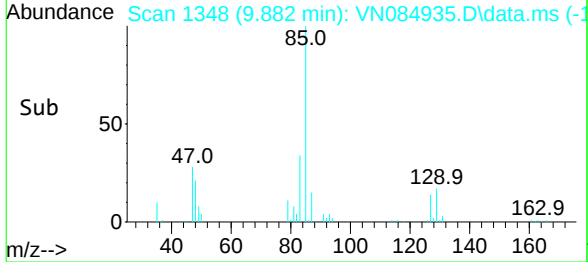
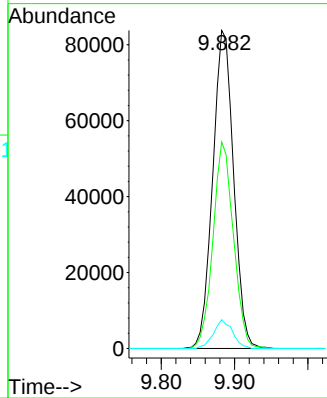
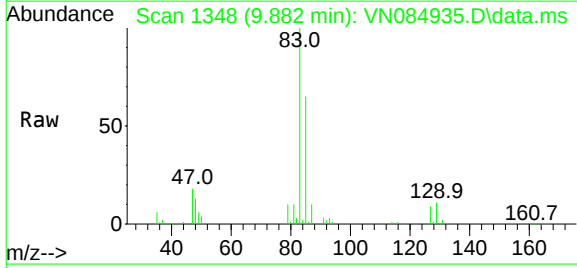
#47
Bromodichloromethane
Concen: 49.250 ug/l
RT: 9.882 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 165675
Ion Ratio Lower Upper
83 100
85 64.9 51.5 77.3
127 9.1 5.7 8.5#

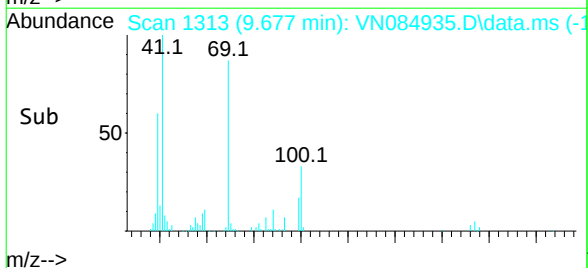
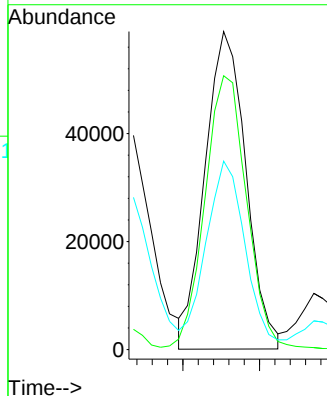
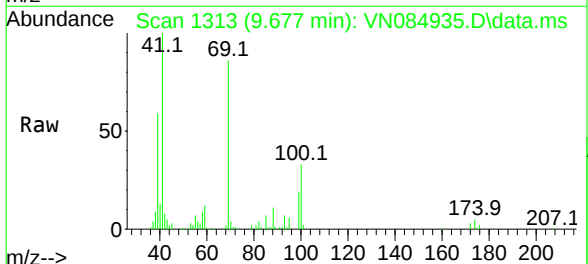
Manual Integrations
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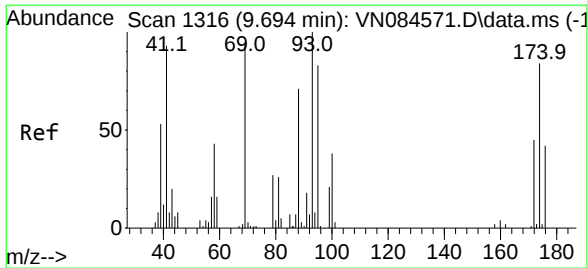
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#48
Methyl methacrylate
Concen: 51.400 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

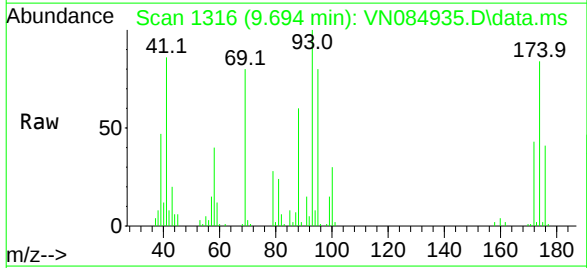
Tgt Ion: 41 Resp: 108960
Ion Ratio Lower Upper
41 100
69 88.8 67.1 100.7
39 57.1 45.8 68.6





#49
1,4-Dioxane
Concen: 962.235 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

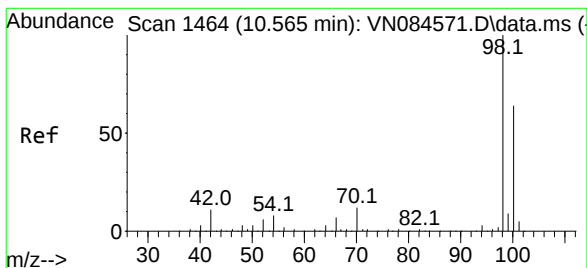
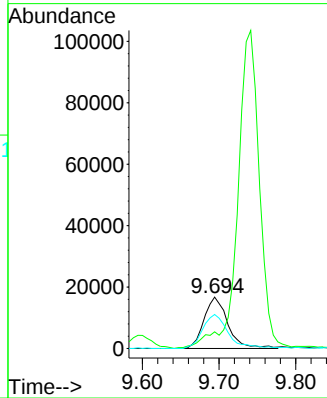
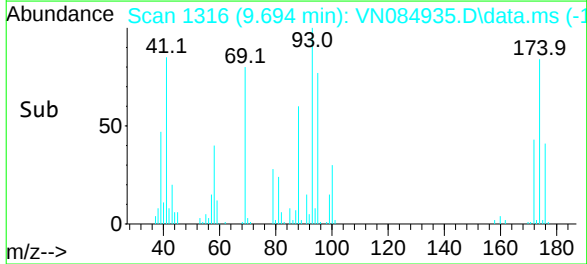
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 36146
Ion Ratio Lower Upper
88 100
43 0.0 25.3 37.9#
58 71.9 56.4 84.6

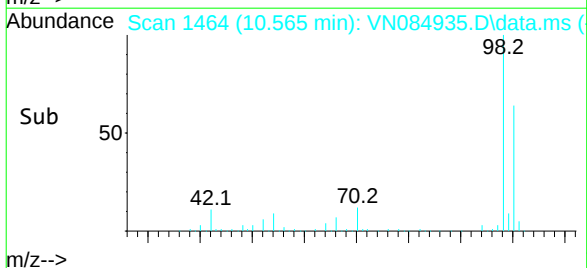
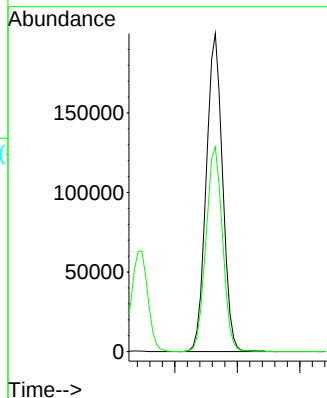
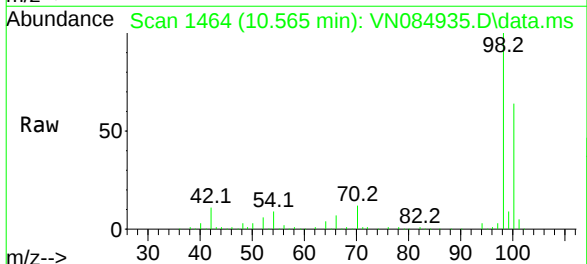
Manual Integrations
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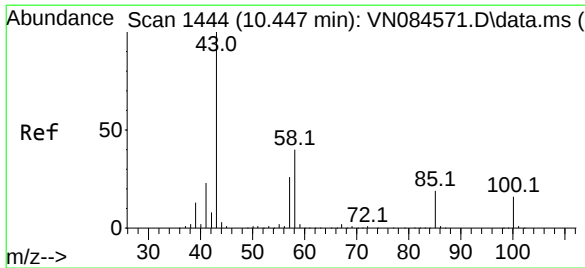
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#50
Toluene-d8
Concen: 45.374 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

Tgt Ion: 98 Resp: 361805
Ion Ratio Lower Upper
98 100
100 65.4 52.7 79.1





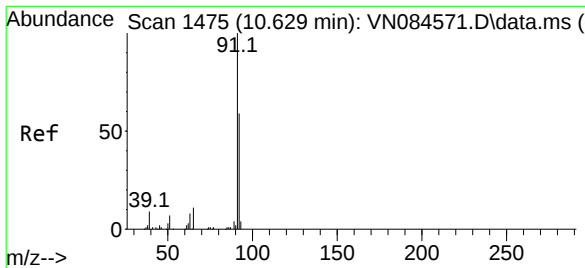
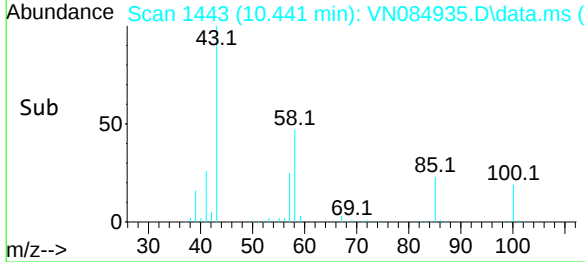
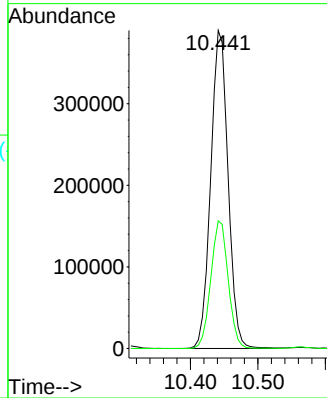
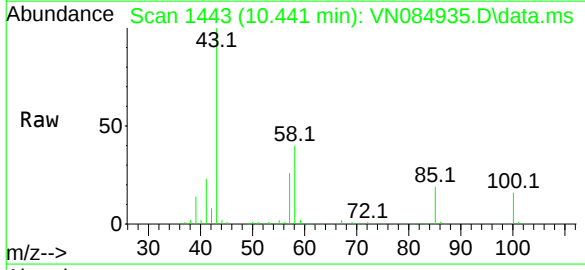
#51
4-Methyl-2-Pentanone
Concen: 267.698 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 695093
Ion Ratio Lower Upper
43 100
58 40.2 31.6 47.4

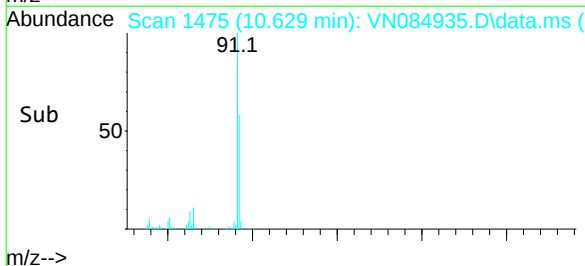
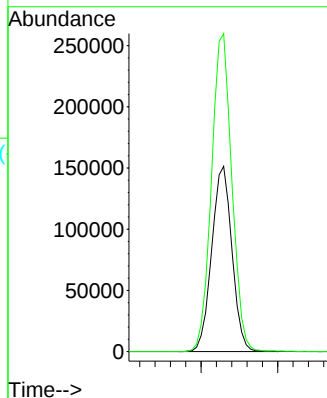
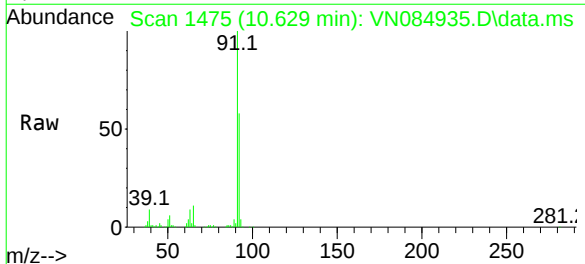
Manual Integrations
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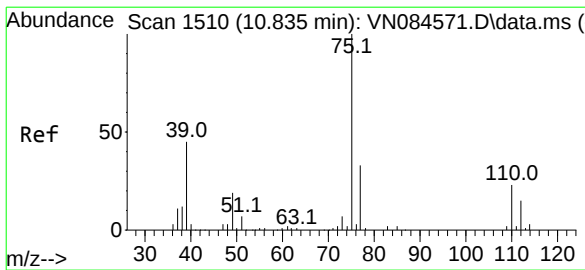
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#52
Toluene
Concen: 49.188 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

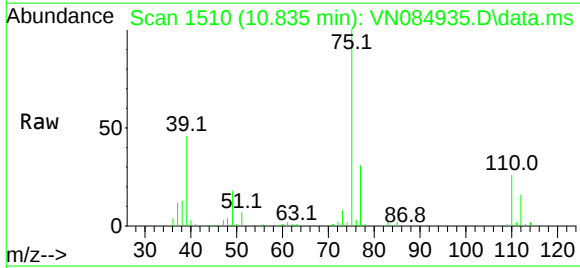
Tgt Ion: 92 Resp: 277347
Ion Ratio Lower Upper
92 100
91 172.7 137.3 205.9





#53
 t-1,3-Dichloropropene
 Concen: 46.744 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN084935.D
 Acq: 19 Nov 2024 09:27

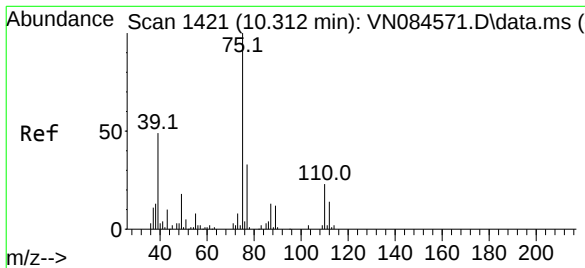
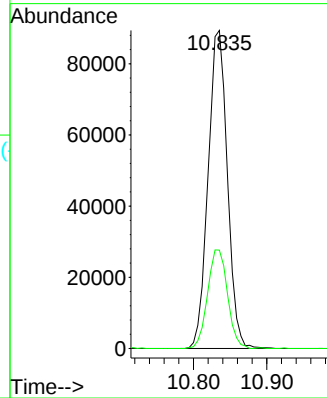
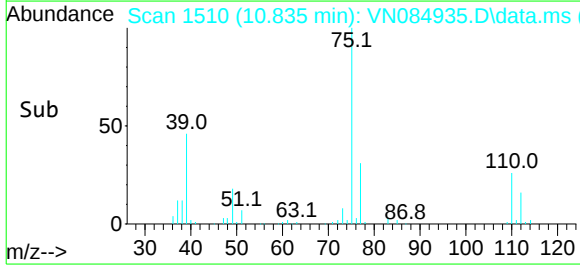
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 75 Resp: 162768
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.4 38.0

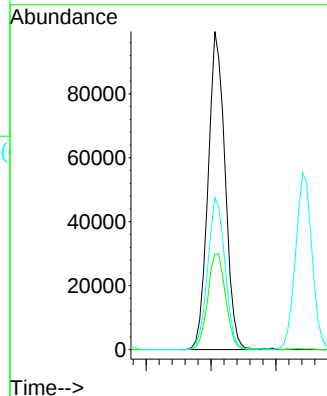
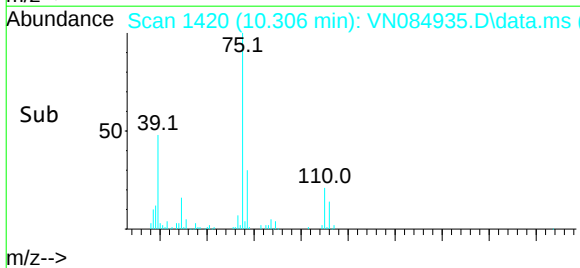
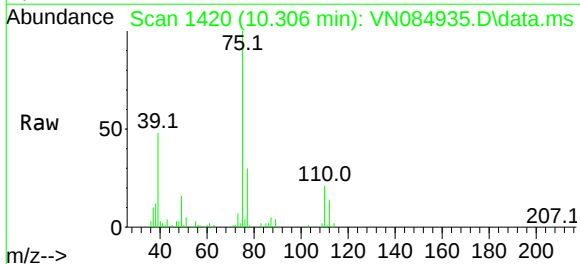
Manual Integrations
 APPROVED

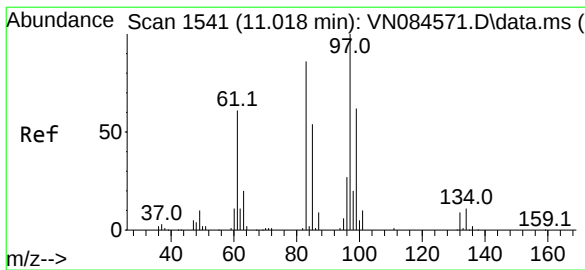
Reviewed By :John Carlone 11/20/2024
 Supervised By :Mahesh Dadoda 11/20/2024



#54
 cis-1,3-Dichloropropene
 Concen: 49.151 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. -0.006 min
 Lab File: VN084935.D
 Acq: 19 Nov 2024 09:27

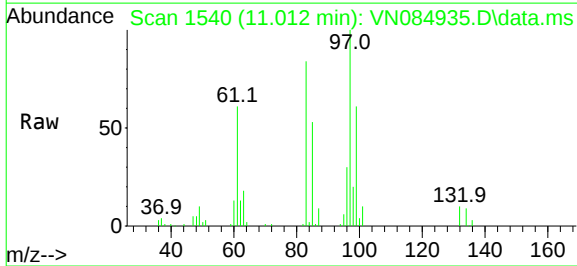
Tgt Ion: 75 Resp: 181142
 Ion Ratio Lower Upper
 75 100
 77 30.0 24.2 36.2
 39 47.7 38.7 58.1





#55
1,1,2-Trichloroethane
Concen: 49.408 ug/l
RT: 11.012 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

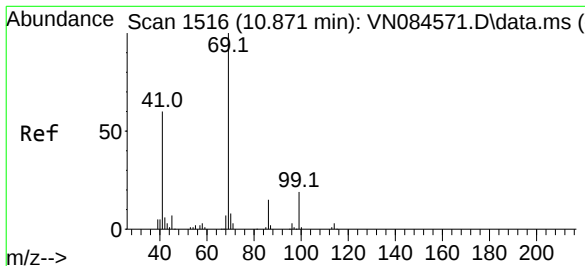
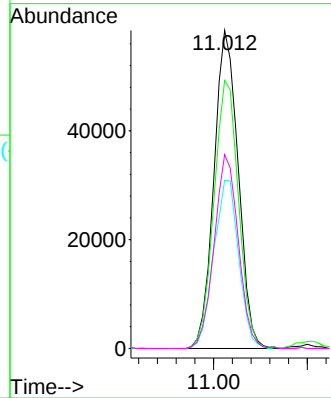
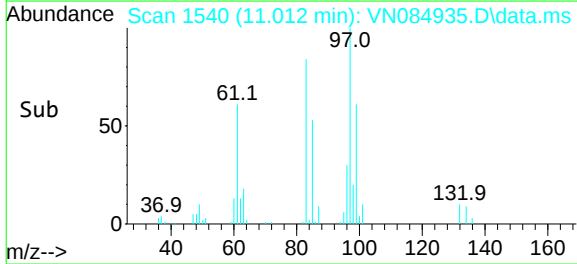
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:	97	Resp:	104942
Ion	Ratio	Lower	Upper
97	100		
83	84.3	71.0	106.4
85	52.9	41.7	62.5
99	61.0	50.1	75.1

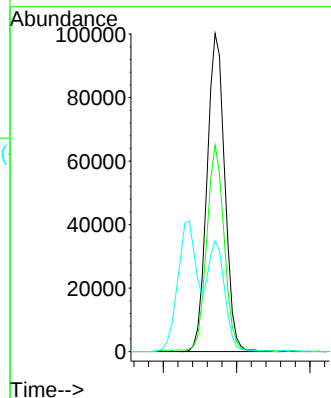
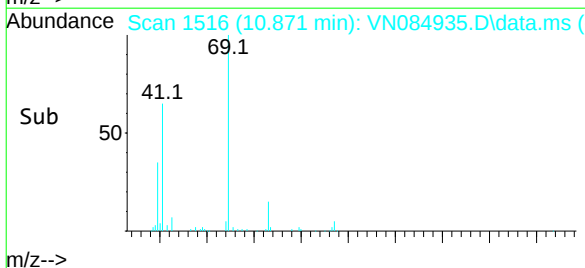
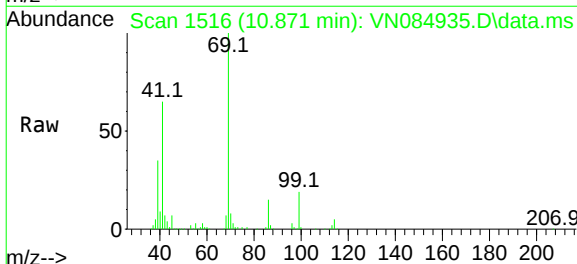
Manual Integrations
APPROVED

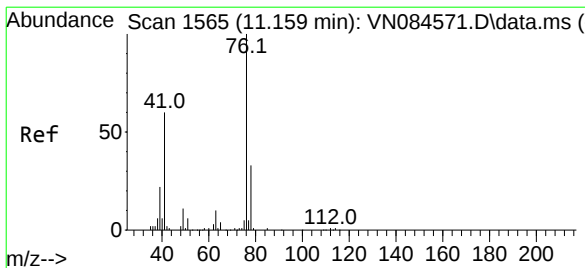
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#56
Ethyl methacrylate
Concen: 54.801 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

Tgt Ion:	69	Resp:	168362
Ion	Ratio	Lower	Upper
69	100		
41	64.4	53.3	79.9
39	33.9	28.8	43.2





#57

1,3-Dichloropropane

Concen: 49.230 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. 0.000 min

Lab File: VN084935.D

Acq: 19 Nov 2024 09:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 179454

Ion Ratio Lower Upper

76 100

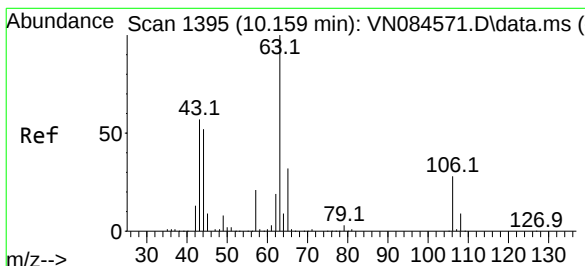
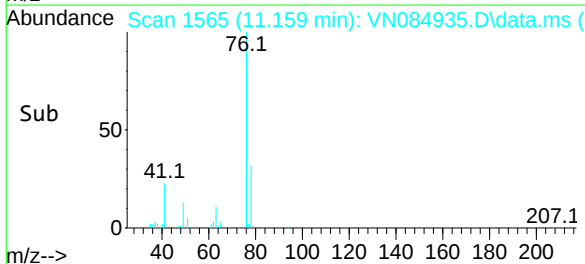
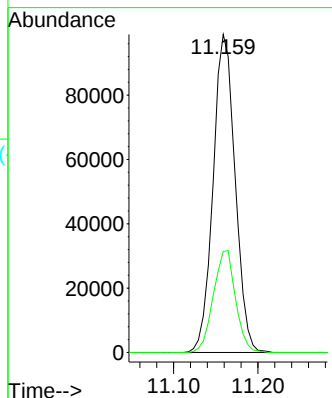
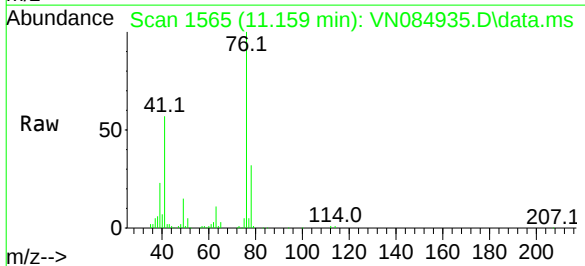
78 32.3 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2024

Supervised By :Mahesh Dadoda 11/20/2024



#58

2-Chloroethyl Vinyl ether

Concen: 279.659 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN084935.D

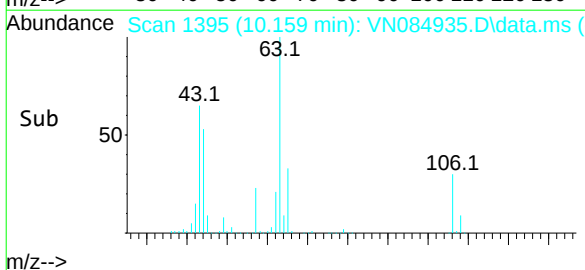
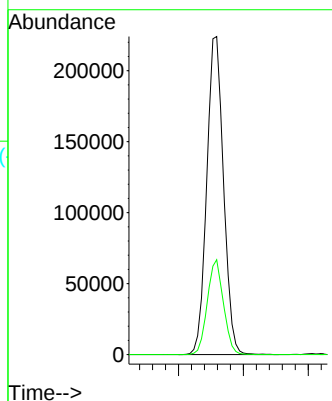
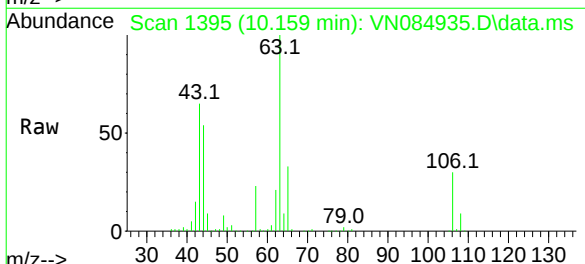
Acq: 19 Nov 2024 09:27

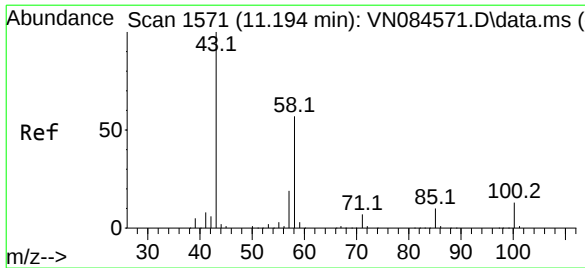
Tgt Ion: 63 Resp: 402039

Ion Ratio Lower Upper

63 100

106 28.6 21.8 32.6





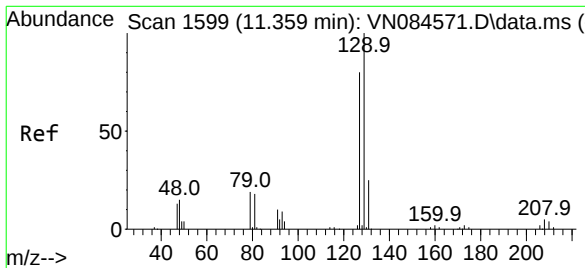
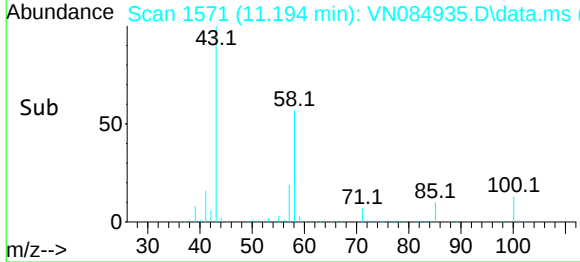
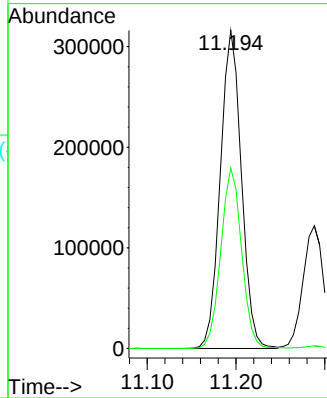
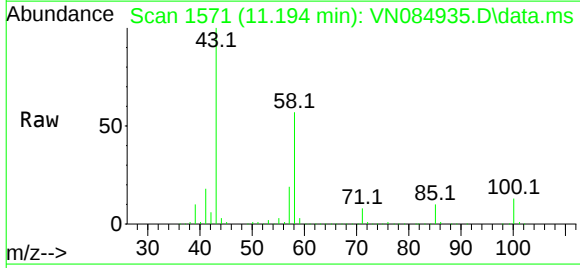
#59
2-Hexanone
Concen: 275.870 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 521393
Ion Ratio Lower Upper
43 100
58 56.0 27.3 81.8

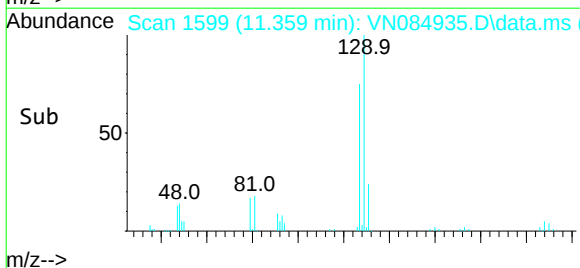
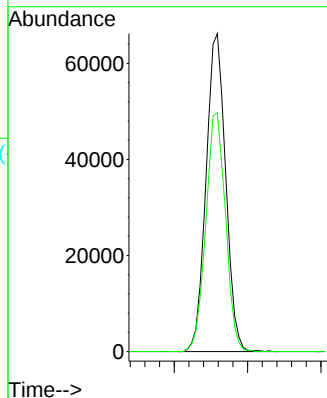
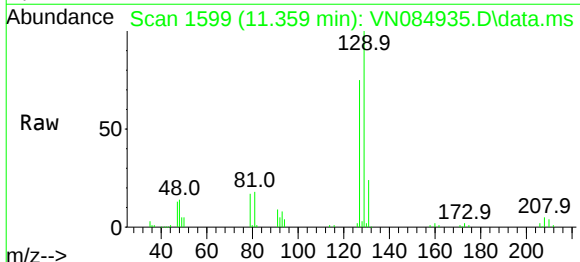
Manual Integrations
APPROVED

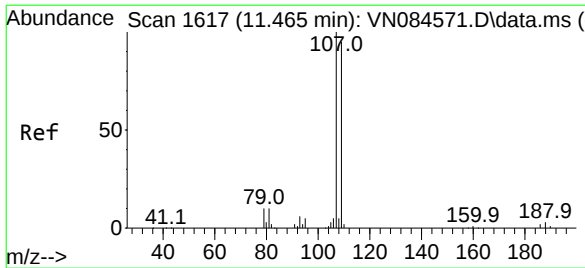
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#60
Dibromochloromethane
Concen: 50.776 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

Tgt Ion:129 Resp: 122913
Ion Ratio Lower Upper
129 100
127 75.5 38.3 114.9





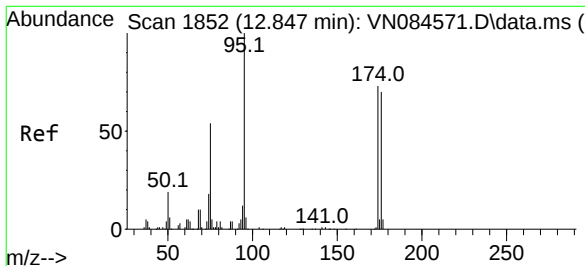
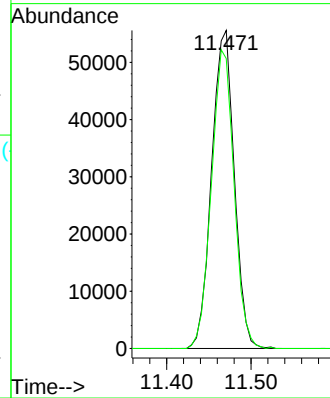
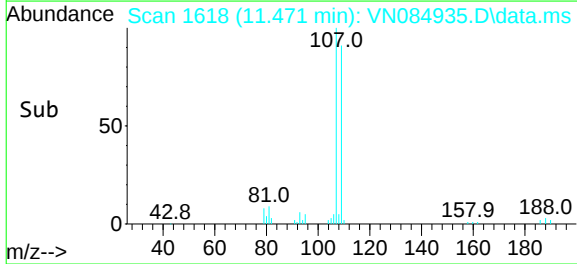
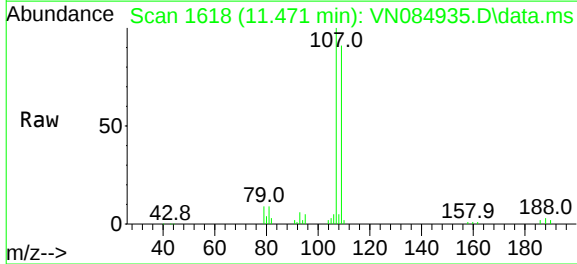
#61
1,2-Dibromoethane
Concen: 47.679 ug/l
RT: 11.471 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 107 Resp: 103704
Ion Ratio Lower Upper
107 100
109 93.9 75.4 113.0

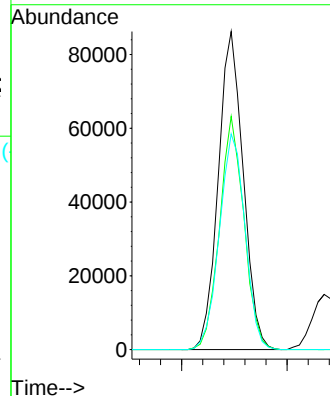
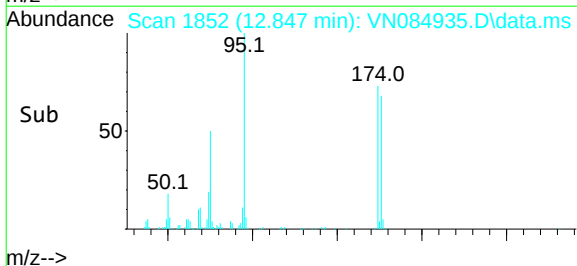
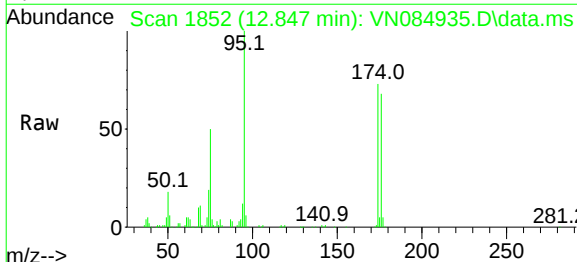
Manual Integrations
APPROVED

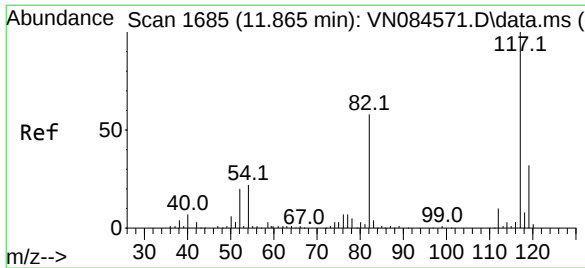
Reviewed By : John Carlone 11/20/2024
Supervised By : Mahesh Dadoda 11/20/2024



#62
4-Bromofluorobenzene
Concen: 47.609 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

Tgt Ion: 95 Resp: 141878
Ion Ratio Lower Upper
95 100
174 71.4 0.0 145.2
176 69.6 0.0 140.0





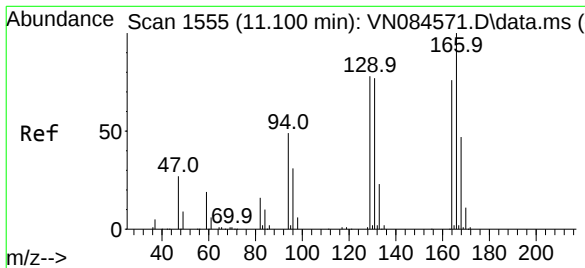
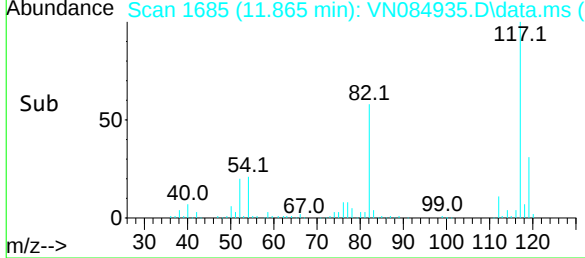
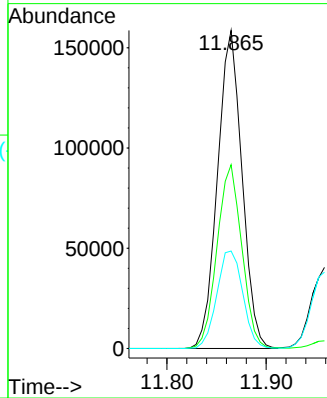
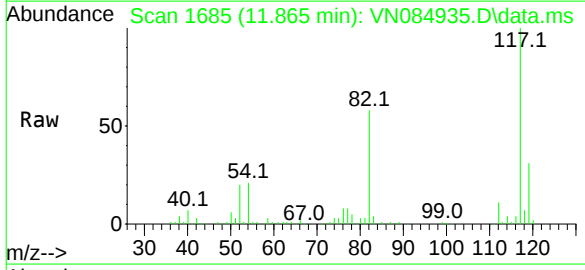
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 272380
Ion Ratio Lower Upper
117 100
82 57.8 47.2 70.8
119 30.6 25.4 38.0

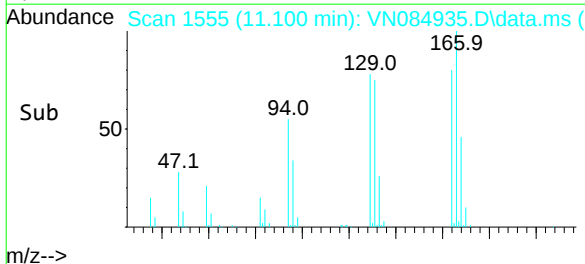
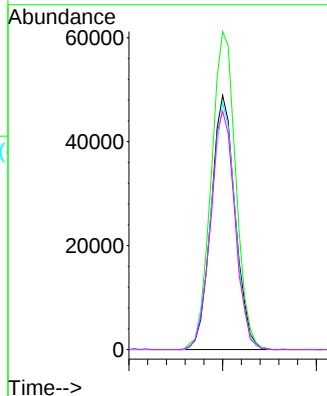
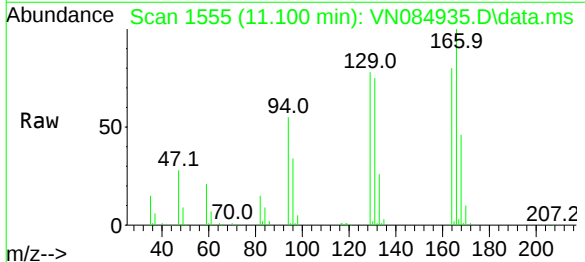
Manual Integrations
APPROVED

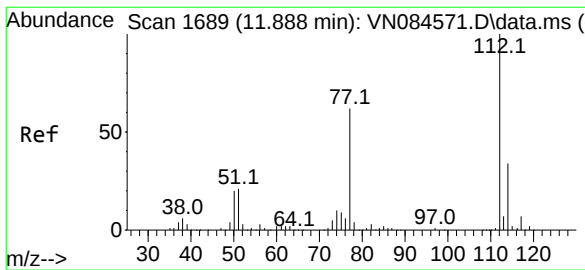
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#64
Tetrachloroethene
Concen: 48.094 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

Tgt Ion:164 Resp: 87135
Ion Ratio Lower Upper
164 100
166 125.1 101.0 151.4
129 97.0 80.8 121.2
131 93.7 78.1 117.1





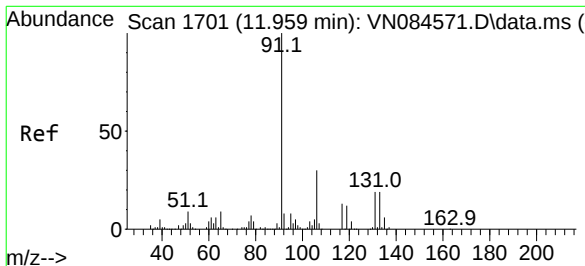
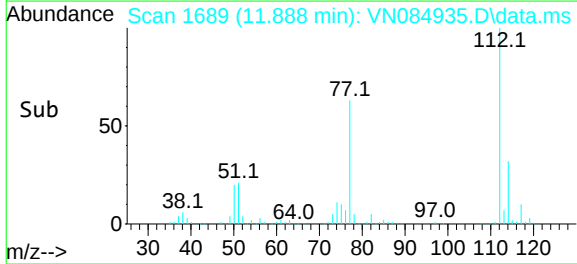
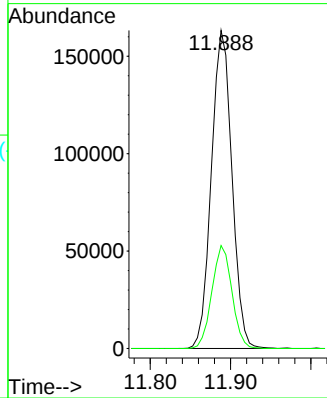
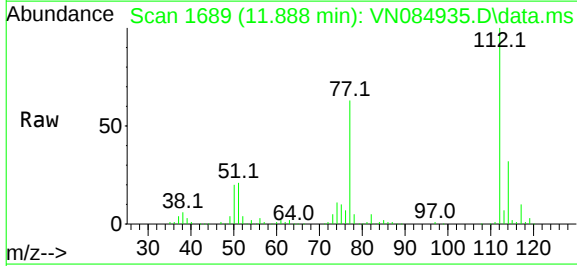
#65
Chlorobenzene
Concen: 47.651 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 290368
Ion Ratio Lower Upper
112 100
114 32.4 27.0 40.6

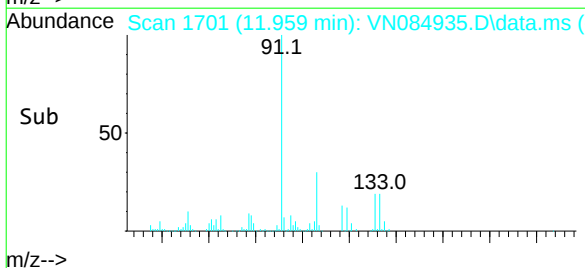
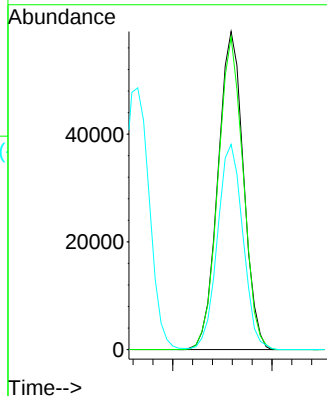
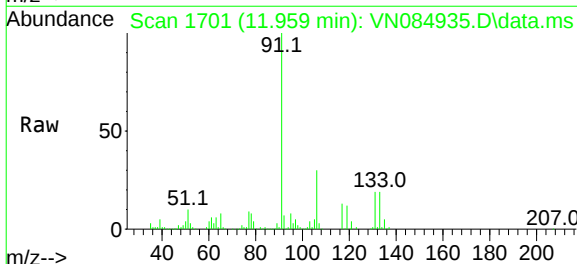
Manual Integrations
APPROVED

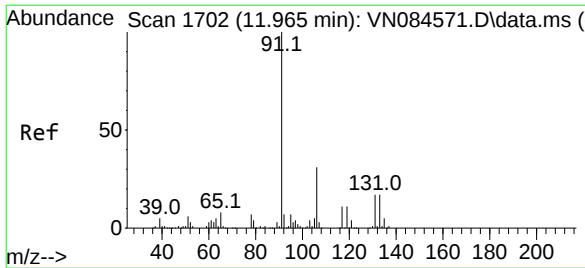
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 49.834 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

Tgt Ion:131 Resp: 105627
Ion Ratio Lower Upper
131 100
133 96.5 47.9 143.7
119 64.4 32.8 98.3





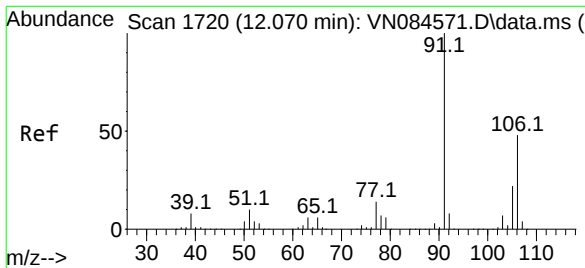
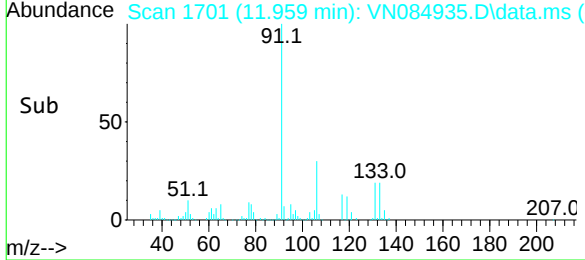
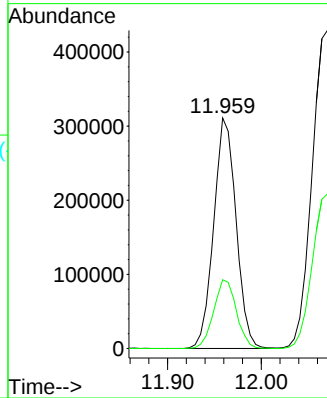
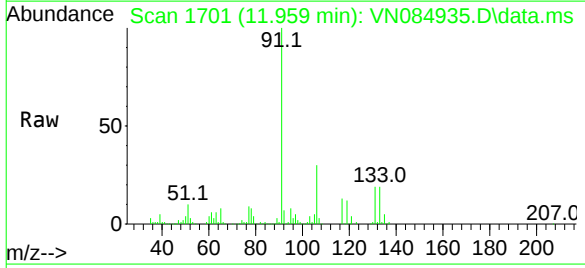
#67
Ethyl Benzene
Concen: 50.793 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 516649
Ion Ratio Lower Upper
91 100
106 29.8 24.5 36.7

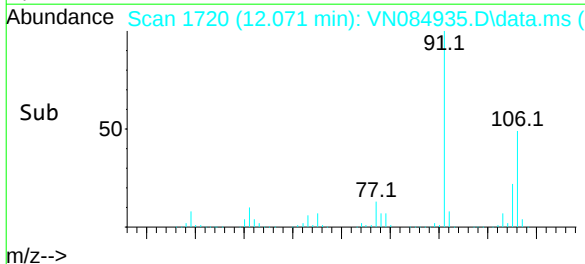
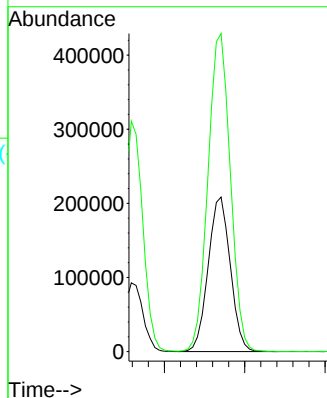
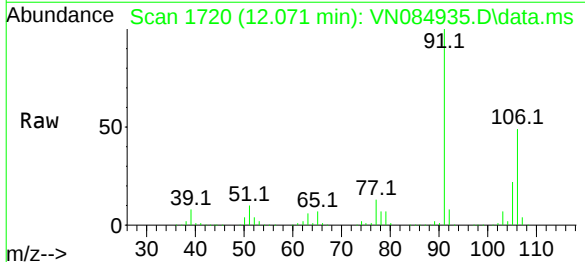
Manual Integrations
APPROVED

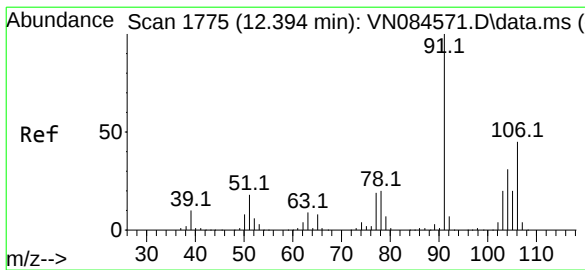
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#68
m/p-Xylenes
Concen: 103.542 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

Tgt Ion:106 Resp: 398723
Ion Ratio Lower Upper
106 100
91 208.3 167.1 250.7





#69

o-Xylene

Concen: 53.139 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN084935.D

Acq: 19 Nov 2024 09:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:106 Resp: 191427

Ion Ratio Lower Upper

106 100

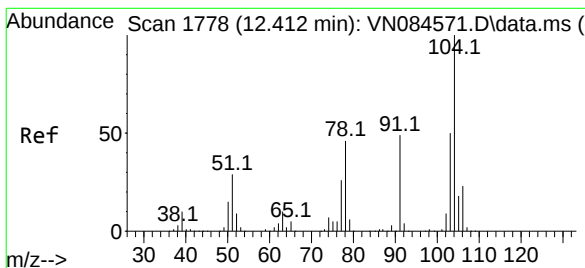
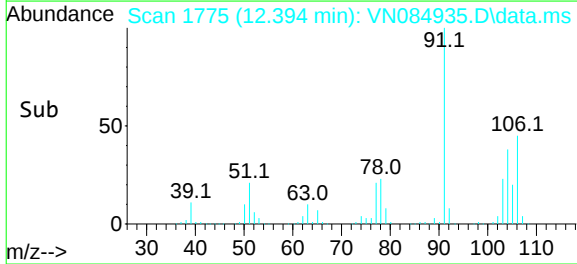
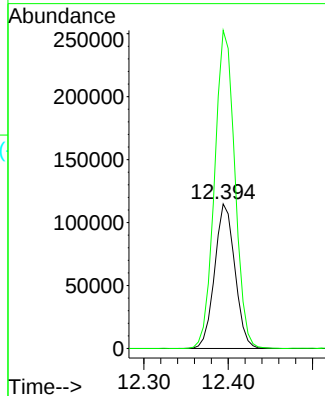
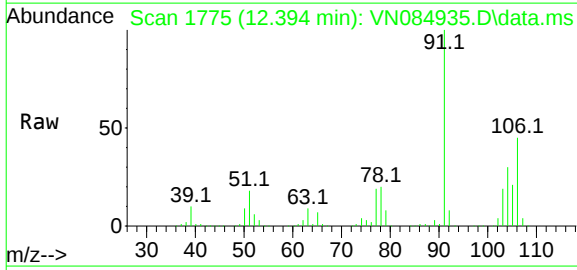
91 220.4 110.2 330.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2024

Supervised By :Mahesh Dadoda 11/20/2024



#70

Styrene

Concen: 51.684 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VN084935.D

Acq: 19 Nov 2024 09:27

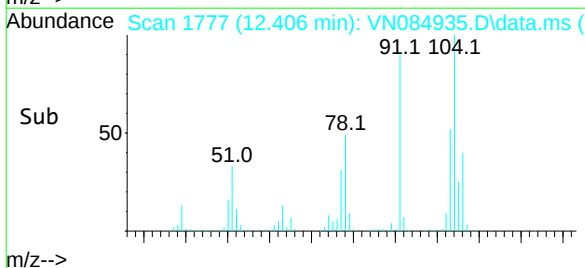
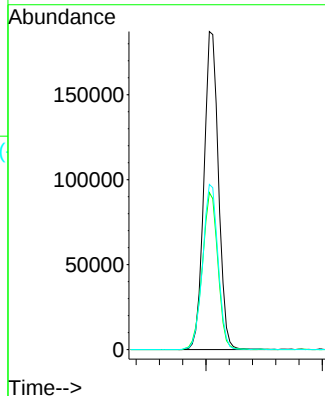
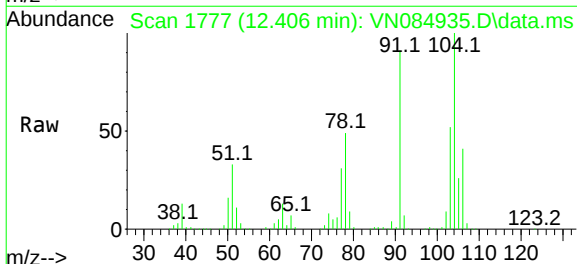
Tgt Ion:104 Resp: 324789

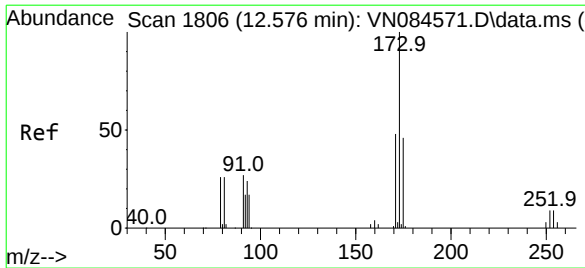
Ion Ratio Lower Upper

104 100

78 52.6 42.7 64.1

103 55.0 43.6 65.4





#71

Bromoform

Concen: 50.147 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN084935.D

Acq: 19 Nov 2024 09:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

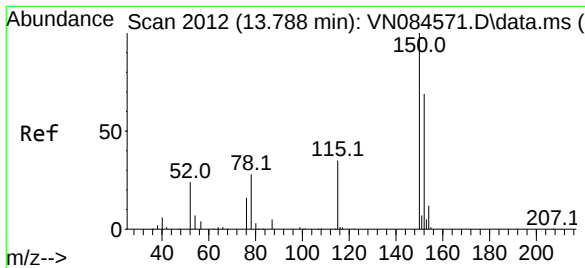
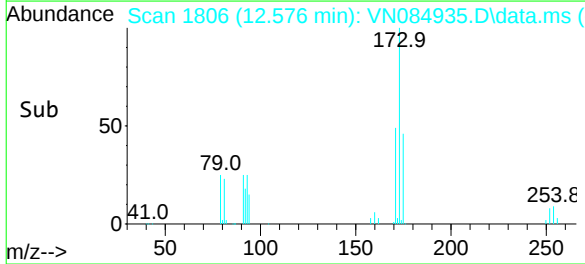
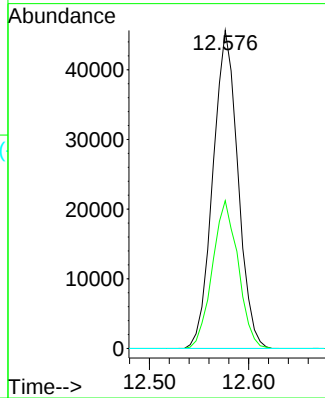
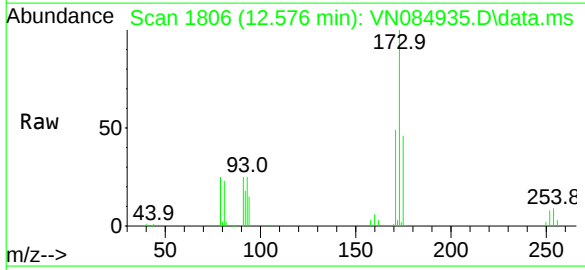
Tgt Ion:	173	Resp:	79980
Ion Ratio	Lower	Upper	
173	100		
175	47.8	23.5	70.6
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2024

Supervised By :Mahesh Dadoda 11/20/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

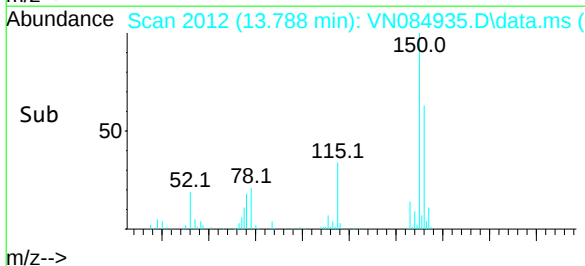
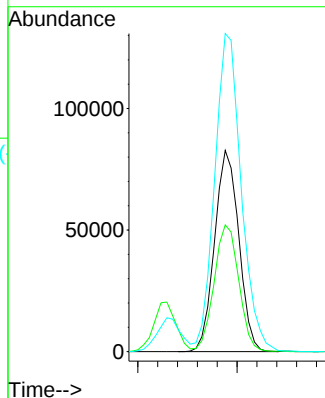
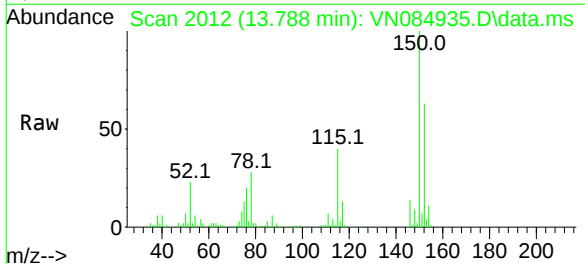
RT: 13.788 min Scan# 2012

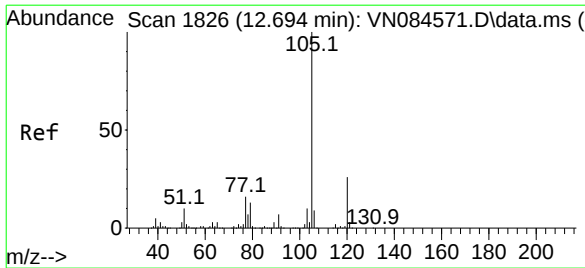
Delta R.T. 0.000 min

Lab File: VN084935.D

Acq: 19 Nov 2024 09:27

Tgt Ion:	152	Resp:	140060
Ion Ratio	Lower	Upper	
152	100		
115	64.4	31.3	93.9
150	173.8	0.0	349.8





#73

Isopropylbenzene

Concen: 49.323 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN084935.D

Acq: 19 Nov 2024 09:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 484105

Ion Ratio Lower Upper

105 100

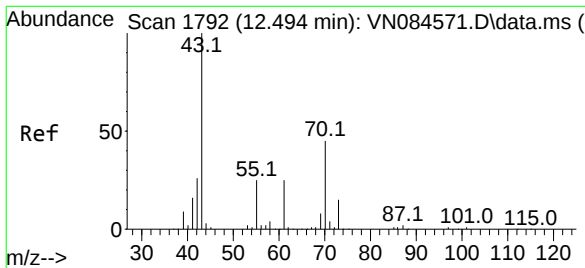
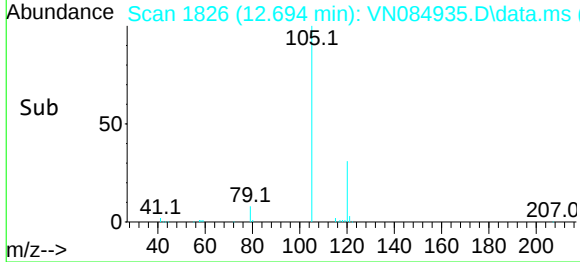
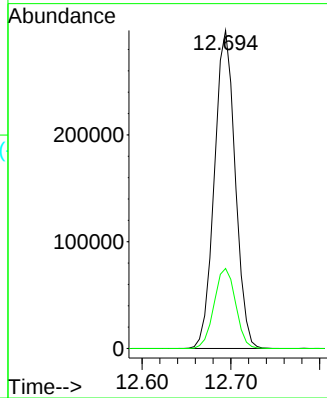
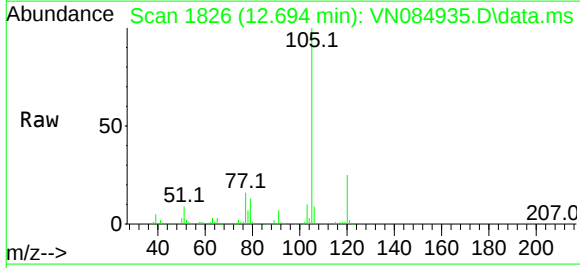
120 26.0 12.9 38.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2024

Supervised By :Mahesh Dadoda 11/20/2024



#74

N-ethyl acetate

Concen: 50.280 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN084935.D

Acq: 19 Nov 2024 09:27

Tgt Ion: 43 Resp: 210044

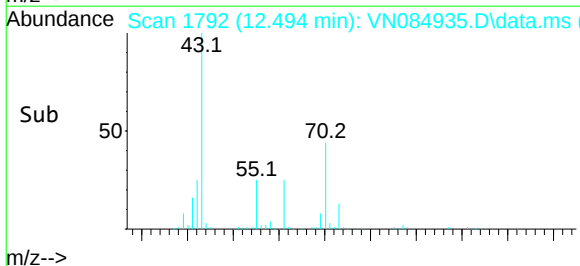
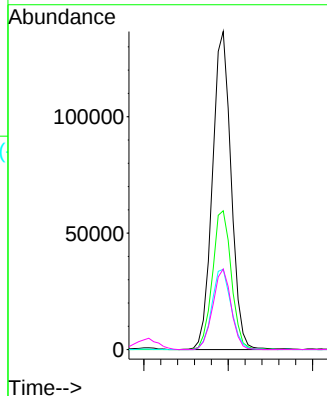
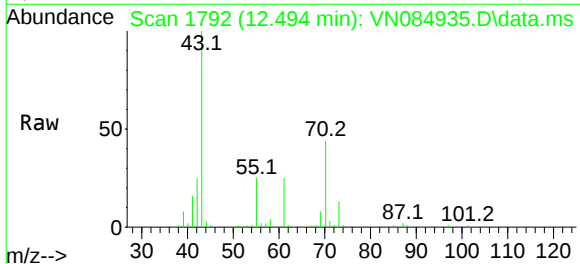
Ion Ratio Lower Upper

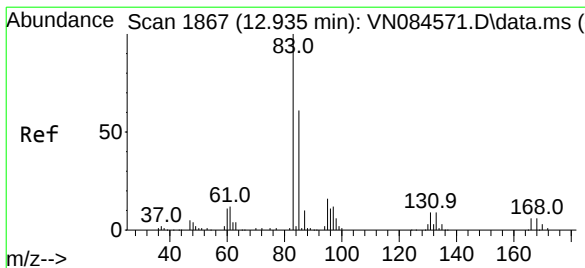
43 100

70 44.2 34.4 51.6

55 26.1 19.6 29.4

61 24.9 19.6 29.4





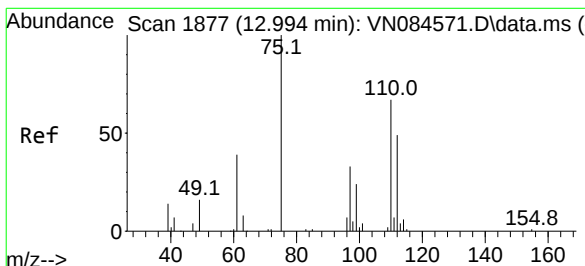
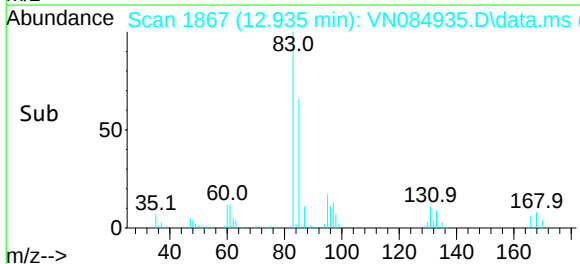
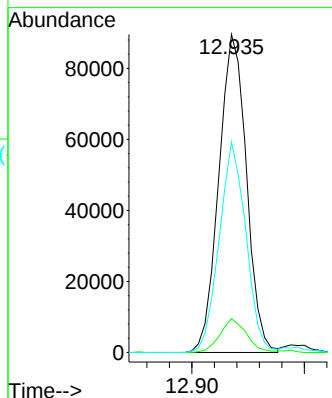
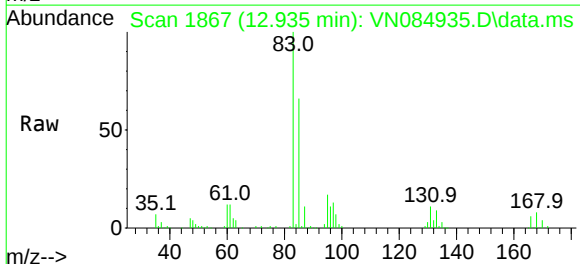
#75
1,1,2,2-Tetrachloroethane
Concen: 46.671 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	83	Resp	152902
Ion	Ratio	Lower	Upper
83	100		
131	10.3	4.9	14.7
85	64.0	31.9	95.7

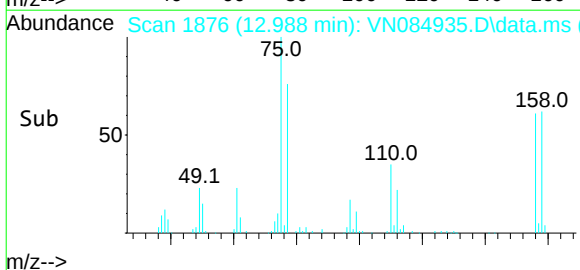
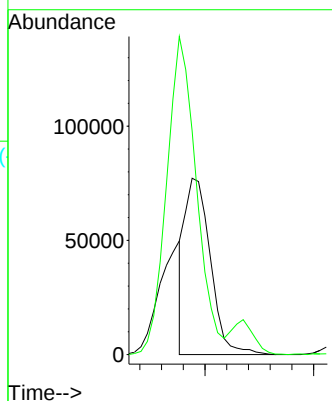
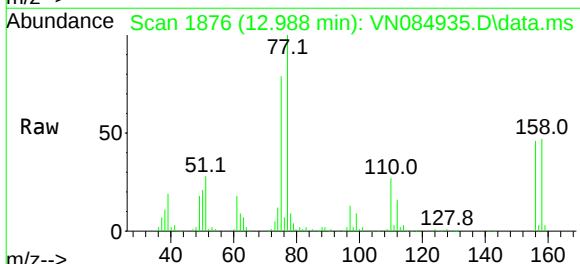
Manual Integrations
APPROVED

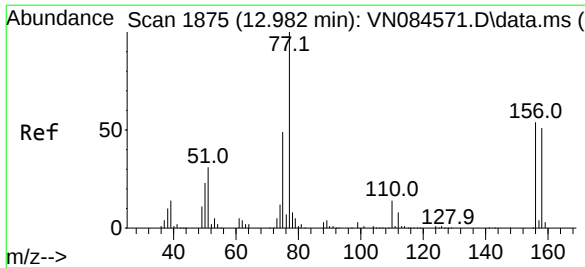
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#76
1,2,3-Trichloropropane
Concen: 44.840 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

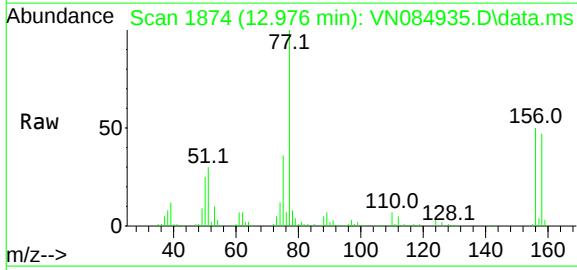
Tgt Ion	75	Resp	125541
Ion	Ratio	Lower	Upper
75	100		
77	211.2	96.9	290.7





#77
Bromobenzene
Concen: 44.566 ug/l
RT: 12.976 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

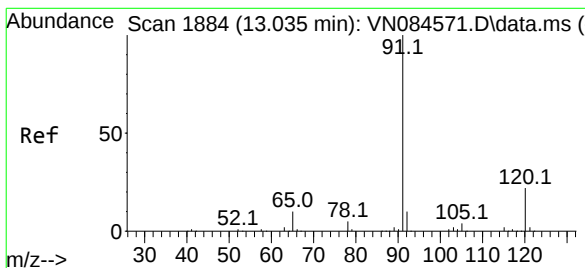
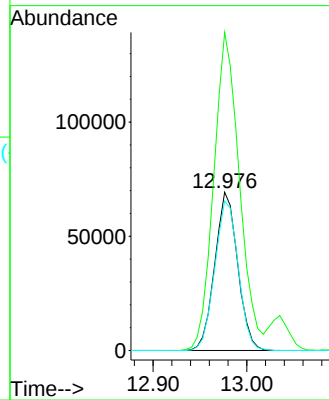
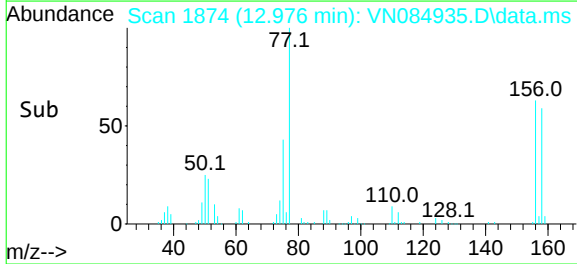
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 156 Resp: 117596
Ion Ratio Lower Upper
156 100
77 225.5 115.1 345.3
158 96.8 48.9 146.8

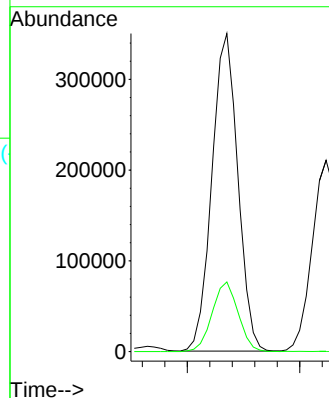
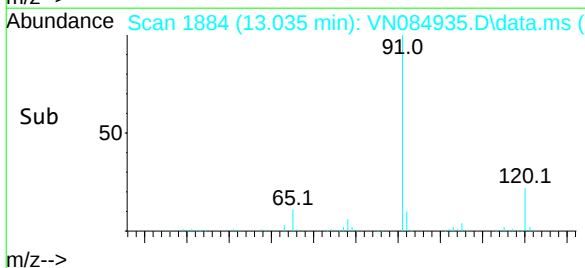
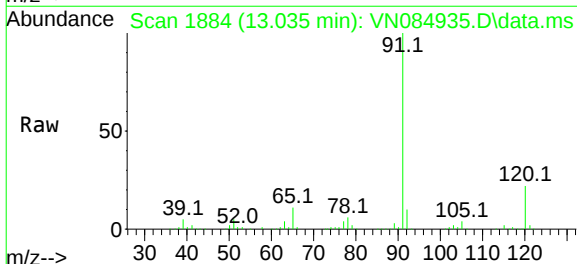
Manual Integrations
APPROVED

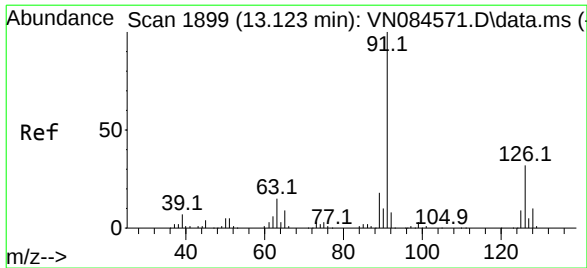
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#78
n-propylbenzene
Concen: 48.736 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

Tgt Ion: 91 Resp: 560537
Ion Ratio Lower Upper
91 100
120 22.0 10.8 32.4





#79

2-Chlorotoluene

Concen: 47.616 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN084935.D

Acq: 19 Nov 2024 09:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 357849

Ion Ratio Lower Upper

91 100

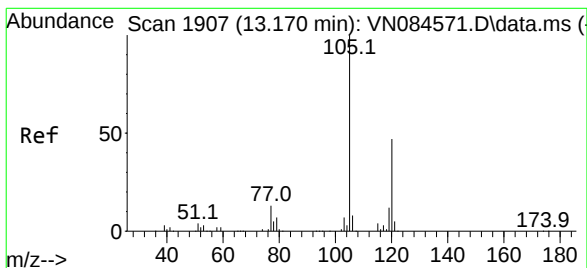
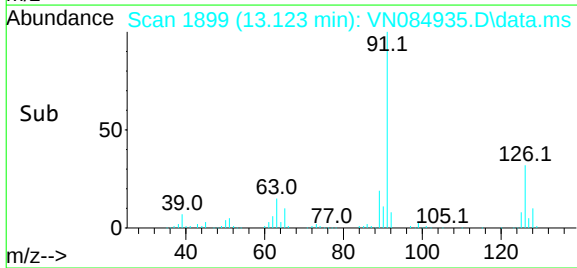
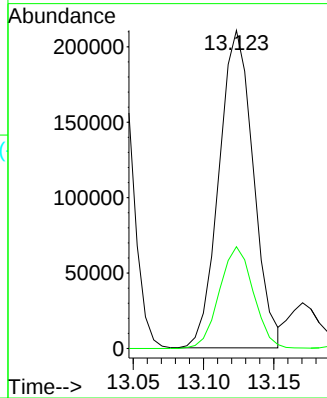
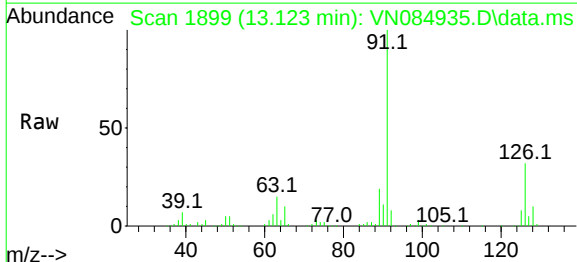
126 31.7 15.7 47.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2024

Supervised By :Mahesh Dadoda 11/20/2024



#80

1,3,5-Trimethylbenzene

Concen: 51.812 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN084935.D

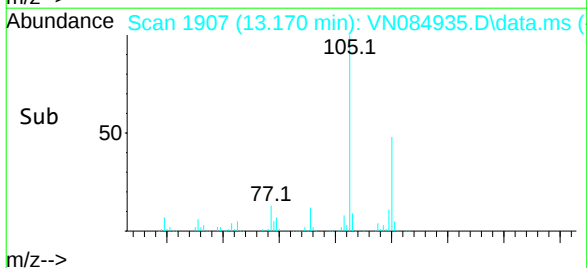
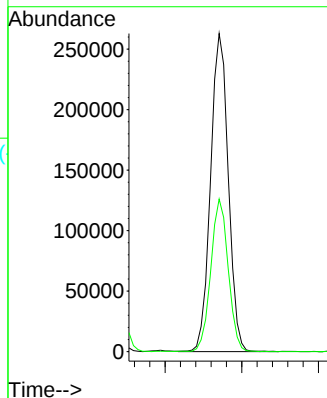
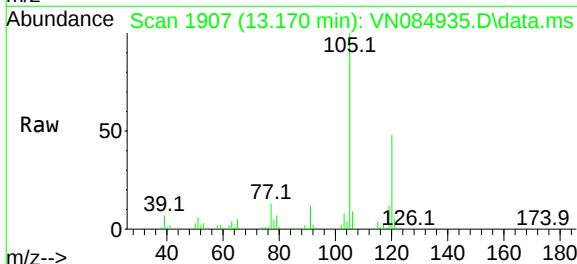
Acq: 19 Nov 2024 09:27

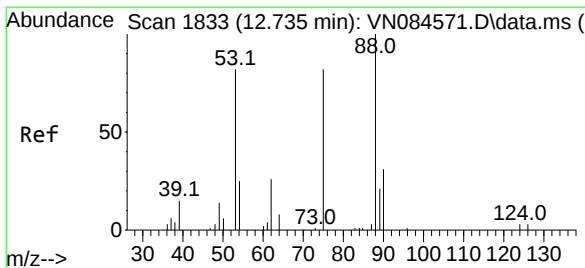
Tgt Ion:105 Resp: 421482

Ion Ratio Lower Upper

105 100

120 47.1 23.7 71.1





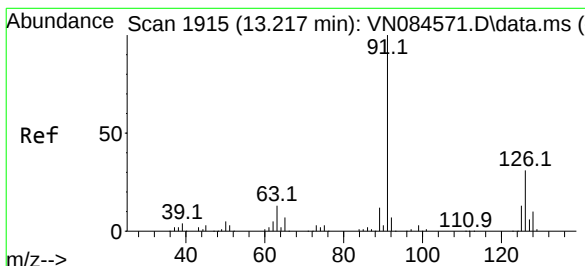
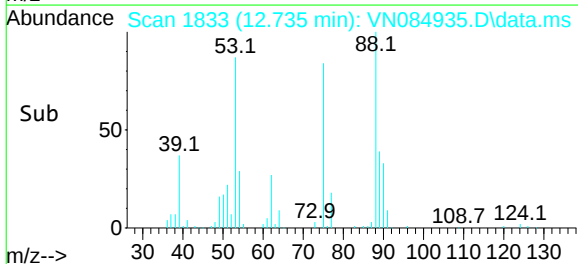
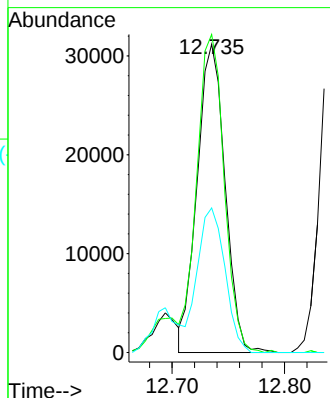
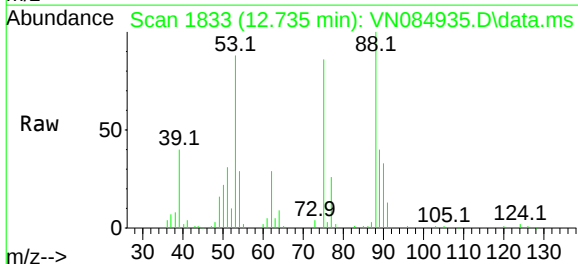
#81
trans-1,4-Dichloro-2-butene
Concen: 45.503 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
75	100		
53	112.7	78.0	117.0
89	45.9	35.5	53.3

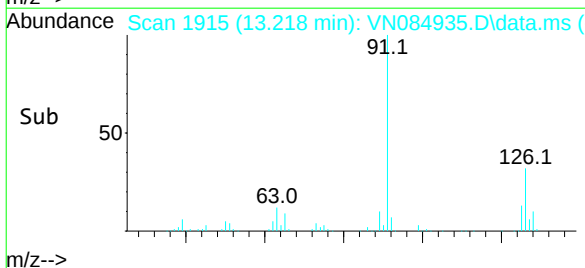
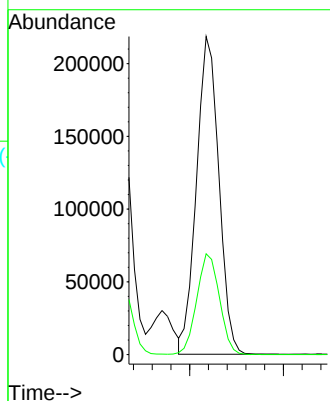
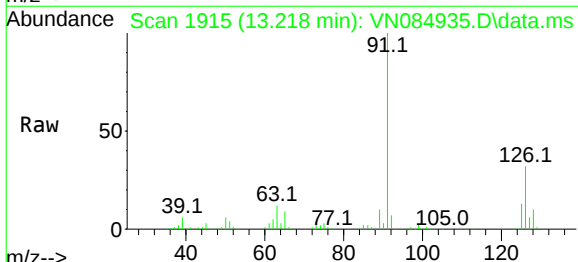
Manual Integrations
APPROVED

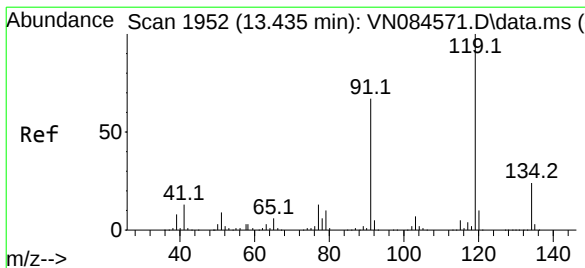
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#82
4-Chlorotoluene
Concen: 45.763 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.2	15.7	47.1





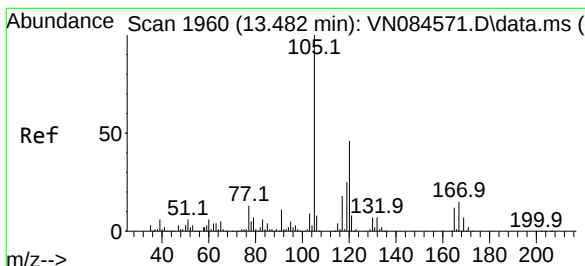
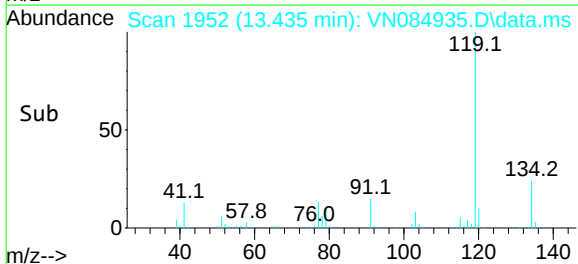
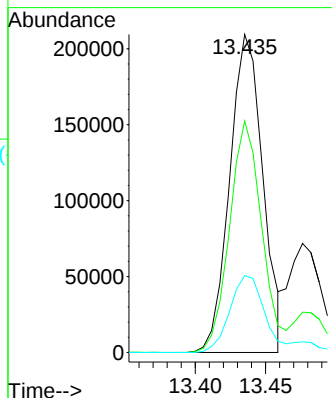
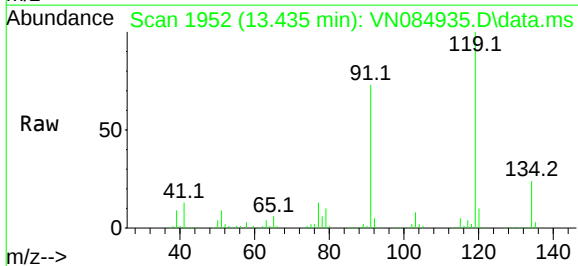
#83
tert-Butylbenzene
Concen: 51.061 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 343776
Ion Ratio Lower Upper
119 100
91 71.1 34.1 102.3
134 25.0 12.8 38.4

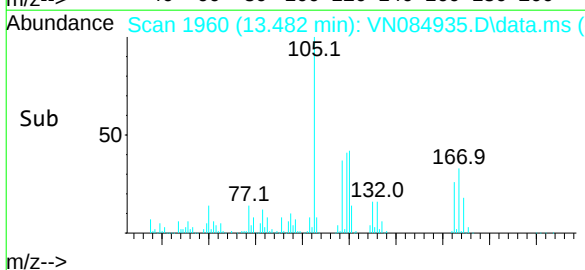
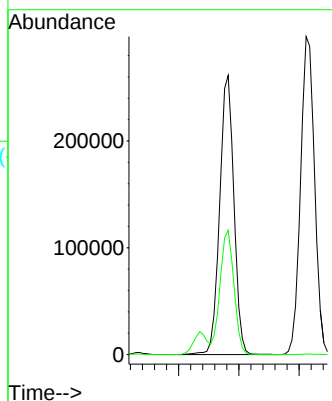
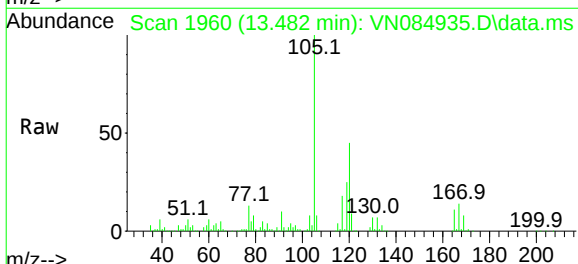
Manual Integrations
APPROVED

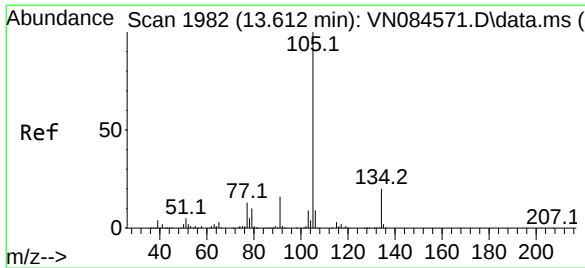
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#84
1,2,4-Trimethylbenzene
Concen: 51.069 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

Tgt Ion:105 Resp: 428779
Ion Ratio Lower Upper
105 100
120 43.6 22.3 66.8





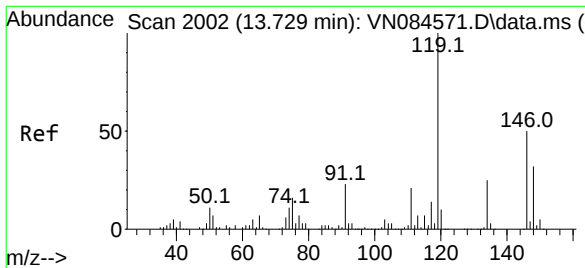
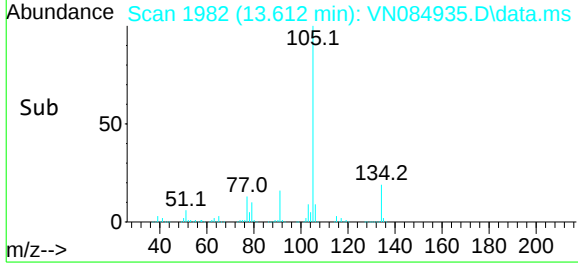
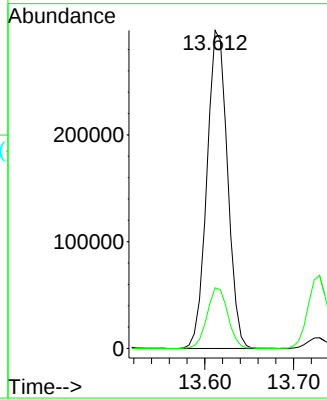
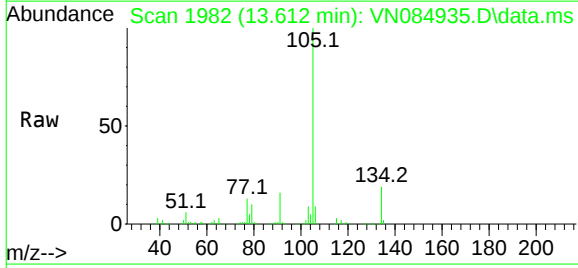
#85
sec-Butylbenzene
Concen: 50.542 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. -0.006 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 480667
Ion Ratio Lower Upper
105 100
134 19.3 9.8 29.4

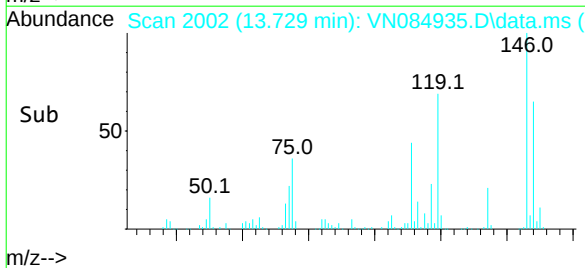
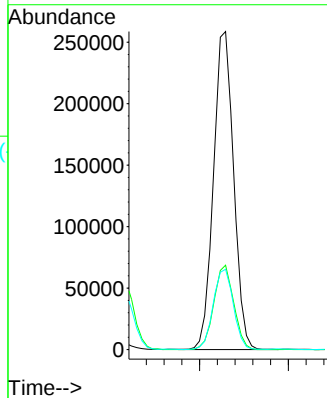
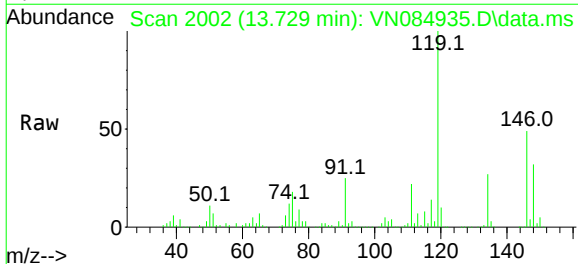
Manual Integrations
APPROVED

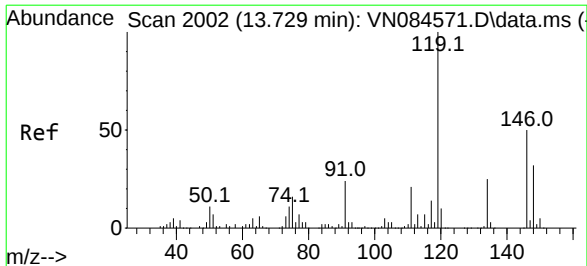
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#86
p-Isopropyltoluene
Concen: 52.315 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

Tgt Ion:119 Resp: 408036
Ion Ratio Lower Upper
119 100
134 26.2 12.6 37.8
91 25.3 12.4 37.2





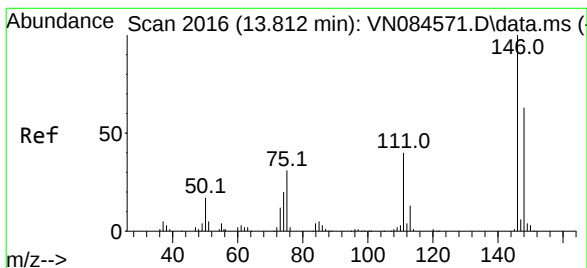
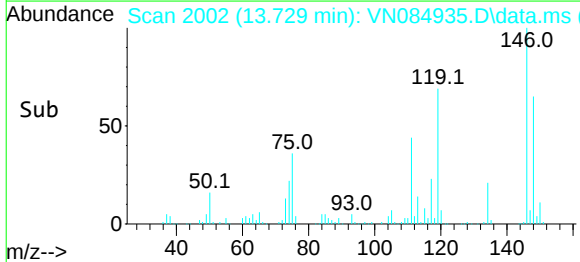
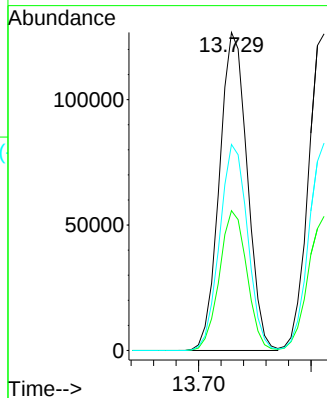
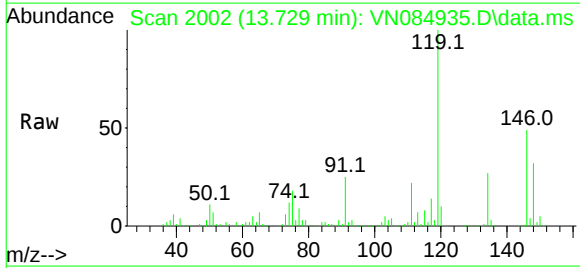
#87
1,3-Dichlorobenzene
Concen: 42.268 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 217656
Ion Ratio Lower Upper
146 100
111 43.4 21.8 65.3
148 65.2 31.9 95.7

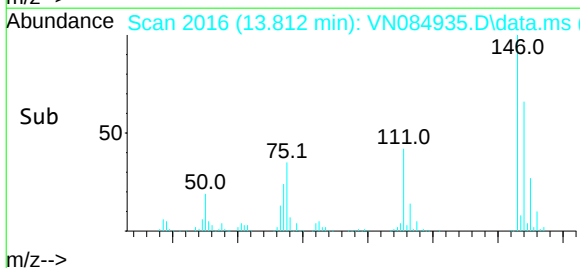
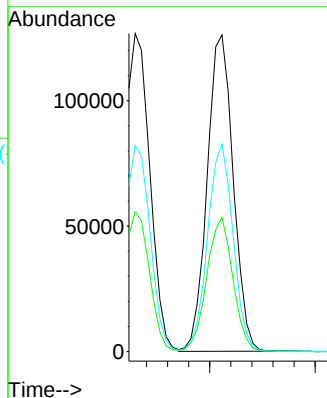
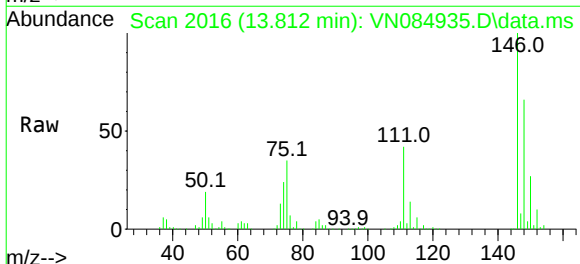
Manual Integrations
APPROVED

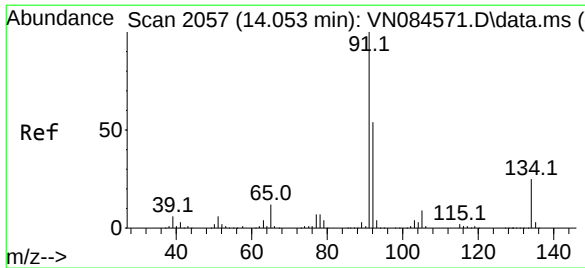
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#88
1,4-Dichlorobenzene
Concen: 45.744 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

Tgt Ion:146 Resp: 216598
Ion Ratio Lower Upper
146 100
111 42.6 21.2 63.6
148 64.3 31.9 95.9





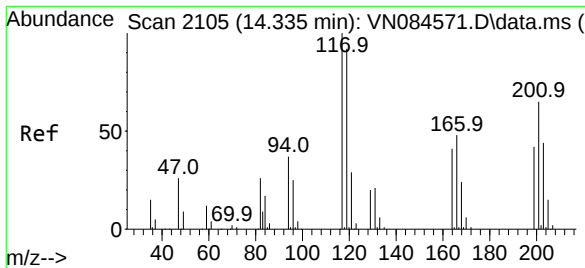
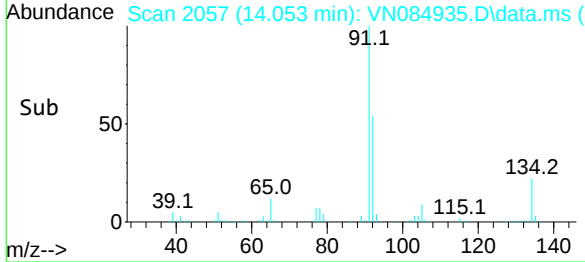
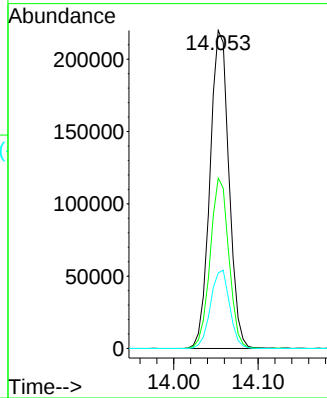
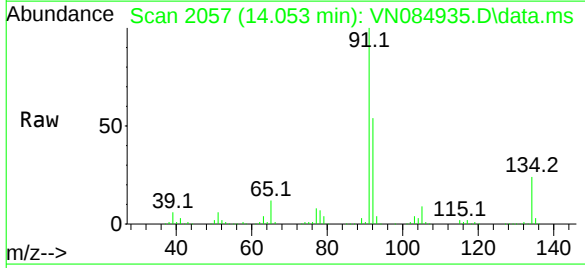
#89
n-Butylbenzene
Concen: 47.108 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 343697
Ion Ratio Lower Upper
91 100
92 52.7 26.6 79.7
134 24.8 12.3 36.9

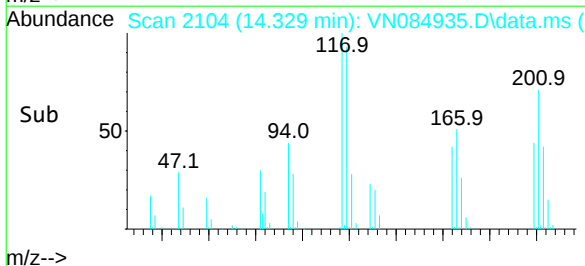
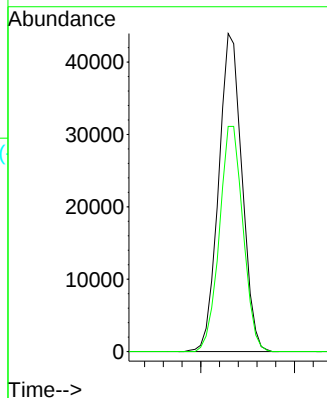
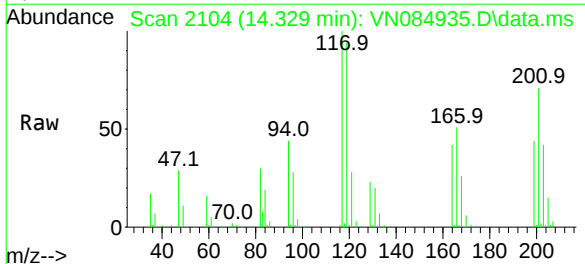
Manual Integrations
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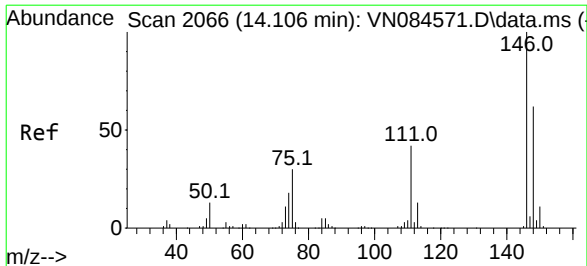
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#90
Hexachloroethane
Concen: 43.786 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

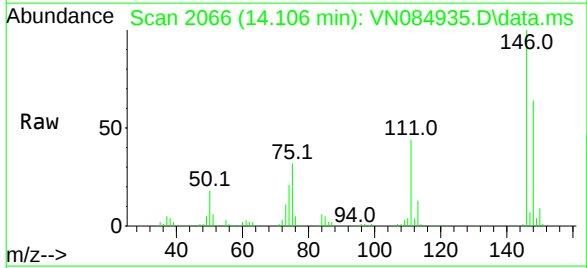
Tgt Ion:117 Resp: 76160
Ion Ratio Lower Upper
117 100
201 71.7 34.4 103.2





#91
1,2-Dichlorobenzene
Concen: 44.308 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

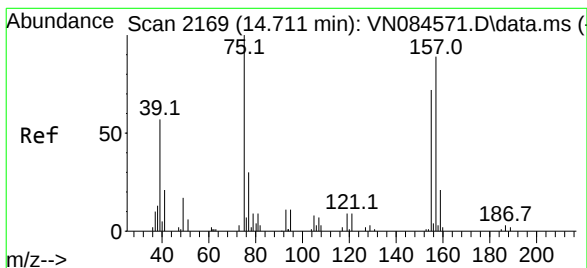
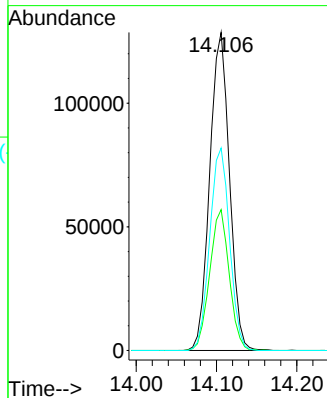
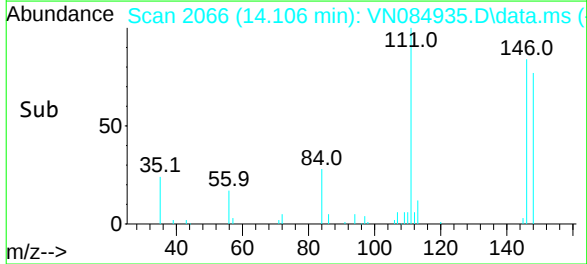
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



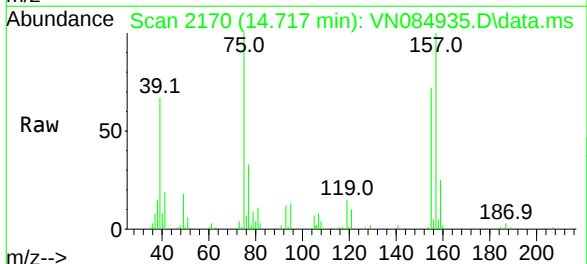
Tgt Ion: 146 Resp: 219245
Ion Ratio Lower Upper
146 100
111 43.9 22.0 66.0
148 64.0 32.1 96.3

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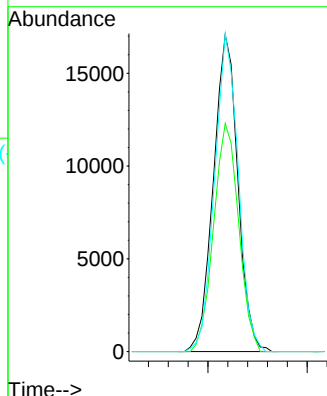
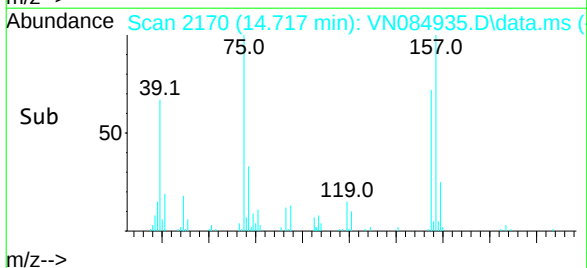
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024

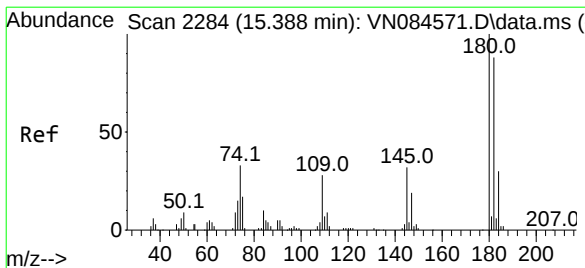


#92
1,2-Dibromo-3-Chloropropane
Concen: 43.984 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27



Tgt Ion: 75 Resp: 29192
Ion Ratio Lower Upper
75 100
155 73.6 38.1 114.5
157 96.9 49.6 149.0





#93

1,2,4-Trichlorobenzene

Concen: 39.531 ug/l

RT: 15.394 min Scan# 2284

Delta R.T. 0.006 min

Lab File: VN084935.D

Acq: 19 Nov 2024 09:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 107065

Ion Ratio Lower Upper

180 100

182 95.4 47.0 141.0

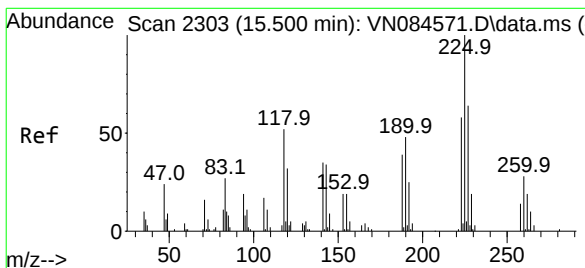
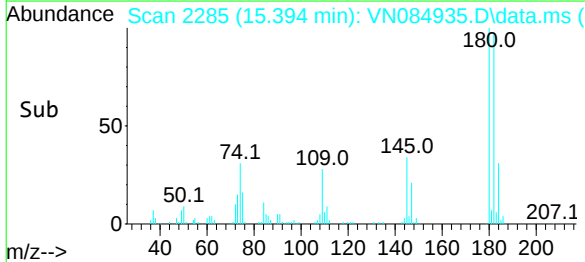
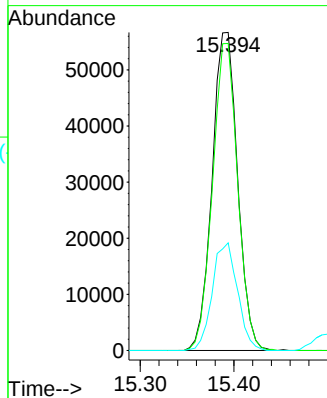
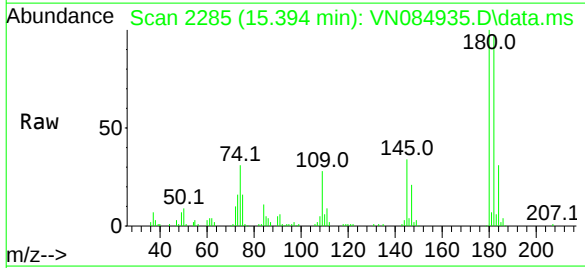
145 33.5 16.4 49.4

Manual Integrations

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Reviewed By :John Carlone 11/20/2024

Supervised By :Mahesh Dadoda 11/20/2024



#94

Hexachlorobutadiene

Concen: 41.656 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN084935.D

Acq: 19 Nov 2024 09:27

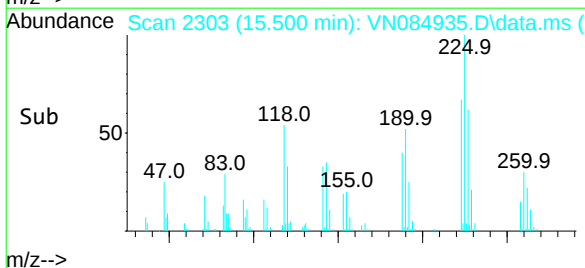
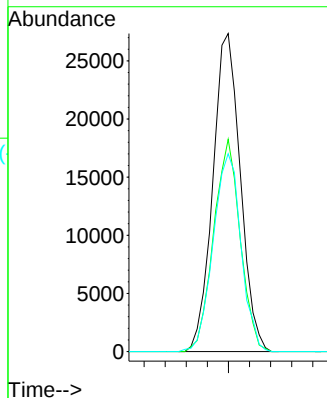
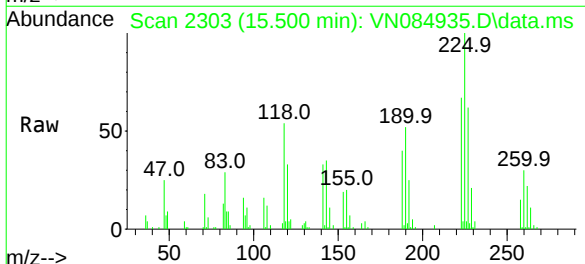
Tgt Ion:225 Resp: 49545

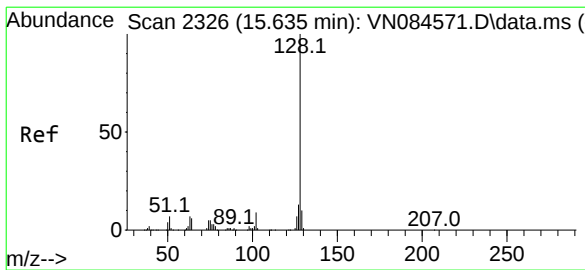
Ion Ratio Lower Upper

225 100

223 64.4 32.4 97.2

227 62.8 32.4 97.0





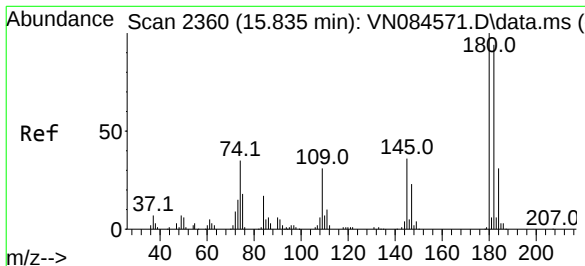
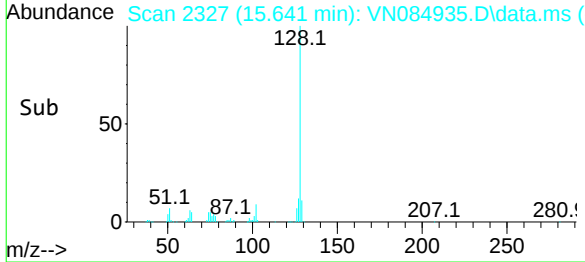
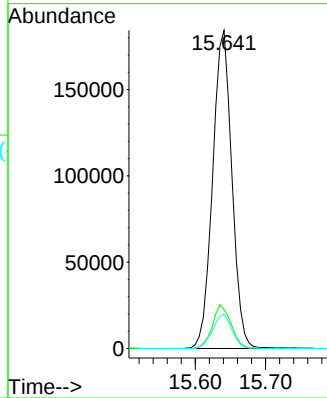
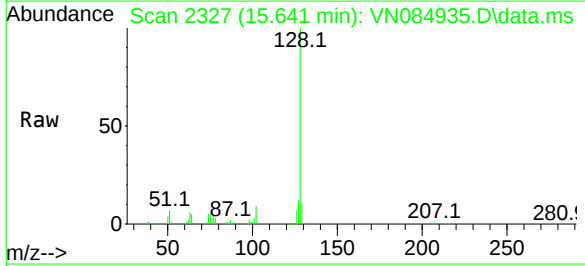
#95
Naphthalene
Concen: 43.227 ug/l
RT: 15.641 min Scan# 2326
Delta R.T. 0.006 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	128	Resp:	350435
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.5	15.7
129	10.8	8.7	13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#96
1,2,3-Trichlorobenzene
Concen: 40.681 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN084935.D
Acq: 19 Nov 2024 09:27

Tgt Ion:	180	Resp:	106957
Ion Ratio	Lower	Upper	
180	100		
182	93.9	48.2	144.6
145	34.0	17.3	51.9

