

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111724\
 Data File : VN084884.D
 Acq On : 17 Nov 2024 10:27
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 18 00:14:25 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 11/18/2024
 Supervised By : Mahesh Dadoda 11/18/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	147052	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	233847	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	206028	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	110342	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	104486	49.195	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.380%
35) Dibromofluoromethane	8.159	113	80892	51.105	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.200%
50) Toluene-d8	10.565	98	298125	51.130	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.260%
62) 4-Bromofluorobenzene	12.847	95	115235	52.881	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	105.760%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.118	85	85642	50.662	ug/l	97
3) Chloromethane	2.359	50	105273	53.234	ug/l	97
4) Vinyl Chloride	2.512	62	104856	57.670	ug/l	98
5) Bromomethane	2.906	94	56153	58.290	ug/l	98
6) Chloroethane	3.077	64	68316	61.006	ug/l	93
7) Trichlorofluoromethane	3.477	101	182167	60.822	ug/l	99
8) Diethyl Ether	3.953	74	54444	51.530	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.359	101	92456	54.630	ug/l	98
10) Methyl Iodide	4.577	142	124345	54.974	ug/l	98
11) Tert butyl alcohol	5.542	59	65726	234.440	ug/l	98
12) 1,1-Dichloroethene	4.330	96	84784	50.629	ug/l	97
13) Acrolein	4.171	56	63973	228.835	ug/l	99
14) Allyl chloride	5.018	41	131930	48.579	ug/l	94
15) Acrylonitrile	5.712	53	210561	259.437	ug/l	99
16) Acetone	4.424	43	152067	247.834	ug/l	96
17) Carbon Disulfide	4.700	76	229814	44.563	ug/l	99
18) Methyl Acetate	5.018	43	102414	45.324	ug/l	95
19) Methyl tert-butyl Ether	5.789	73	285182	55.561	ug/l	96
20) Methylene Chloride	5.271	84	96094	51.441	ug/l	91
21) trans-1,2-Dichloroethene	5.777	96	87723	51.015	ug/l	94
22) Diisopropyl ether	6.665	45	274151	50.803	ug/l	95
23) Vinyl Acetate	6.594	43	1001662	269.164	ug/l	96
24) 1,1-Dichloroethane	6.559	63	169917	52.446	ug/l	98
25) 2-Butanone	7.477	43	255483	257.834	ug/l	99
26) 2,2-Dichloropropane	7.483	77	161527	57.282	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	105614	52.601	ug/l	95
28) Bromochloromethane	7.806	49	63288	49.031	ug/l	89
29) Tetrahydrofuran	7.836	42	166134	252.727	ug/l	93
30) Chloroform	7.959	83	181740	55.114	ug/l	99
31) Cyclohexane	8.253	56	141656	48.309	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	166907	55.610	ug/l	96
36) 1,1-Dichloropropene	8.365	75	120640	54.955	ug/l	98
37) Ethyl Acetate	7.553	43	106974	53.709	ug/l	98
38) Carbon Tetrachloride	8.359	117	149719	61.018	ug/l	96
39) Methylcyclohexane	9.594	83	132827	59.477	ug/l	95
40) Benzene	8.600	78	386451	54.816	ug/l	99

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Quant Time: Nov 18 00:14:25 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 11/18/2024
 Supervised By : Mahesh Dadoda 11/18/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	59774	55.808	ug/l	93
42) 1,2-Dichloroethane	8.665	62	130159	57.008	ug/l	100
43) Isopropyl Acetate	8.683	43	199122	54.197	ug/l	97
44) Trichloroethene	9.347	130	89234	54.883	ug/l	96
45) 1,2-Dichloropropane	9.618	63	92152	55.722	ug/l	96
46) Dibromomethane	9.706	93	65896	56.468	ug/l	95
47) Bromodichloromethane	9.882	83	141085	57.355	ug/l #	99
48) Methyl methacrylate	9.677	41	86548	55.834	ug/l	96
49) 1,4-Dioxane	9.694	88	29425	1071.216	ug/l #	81
51) 4-Methyl-2-Pentanone	10.441	43	538388	283.555	ug/l	97
52) Toluene	10.629	92	239806	58.161	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	139427	54.758	ug/l	96
54) cis-1,3-Dichloropropene	10.306	75	152643	56.641	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	89581	57.678	ug/l	97
56) Ethyl methacrylate	10.871	69	135889	60.488	ug/l	94
57) 1,3-Dichloropropane	11.159	76	150590	56.495	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	324802	308.972	ug/l	95
59) 2-Hexanone	11.194	43	411111	297.467	ug/l	97
60) Dibromochloromethane	11.353	129	107918	60.967	ug/l	100
61) 1,2-Dibromoethane	11.465	107	88131	55.412	ug/l	99
64) Tetrachloroethene	11.100	164	78342	57.166	ug/l	97
65) Chlorobenzene	11.888	112	249886	54.214	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	94720	59.081	ug/l	99
67) Ethyl Benzene	11.959	91	447730	58.194	ug/l	100
68) m/p-Xylenes	12.065	106	344419	118.244	ug/l	99
69) o-Xylene	12.394	106	163698	60.076	ug/l	99
70) Styrene	12.406	104	278820	58.658	ug/l	99
71) Bromoform	12.576	173	72226	59.870	ug/l #	97
73) Isopropylbenzene	12.694	105	425803	55.067	ug/l	100
74) N-amyl acetate	12.494	43	161800	49.163	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	127059	49.228	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	107155m	48.581	ug/l	
77) Bromobenzene	12.976	156	105138	50.578	ug/l	94
78) n-propylbenzene	13.029	91	494615	54.586	ug/l	99
79) 2-Chlorotoluene	13.123	91	312472	52.777	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	375218	58.547	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	45130	48.541	ug/l	96
82) 4-Chlorotoluene	13.218	91	313997	50.394	ug/l	98
83) tert-Butylbenzene	13.435	119	306116	57.713	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	376891	56.979	ug/l	99
85) sec-Butylbenzene	13.612	105	425039	56.730	ug/l	99
86) p-Isopropyltoluene	13.729	119	364391	59.302	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	194204	47.871	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	194472	52.363	ug/l	99
89) n-Butylbenzene	14.053	91	296231	51.538	ug/l	99
90) Hexachloroethane	14.329	117	70031	51.106	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	192828	49.464	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	25094	47.992	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	95193	44.613	ug/l	98
94) Hexachlorobutadiene	15.500	225	46712	49.852	ug/l	100
95) Naphthalene	15.635	128	296724	46.460	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	96931	46.798	ug/l	98

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

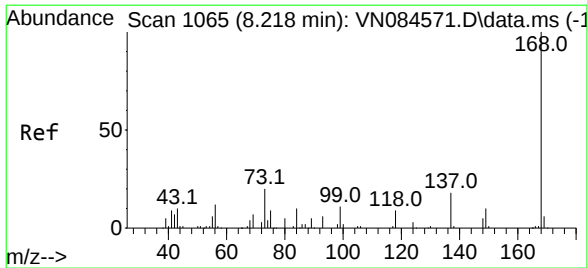
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024

Quant Time: Nov 18 00:14:25 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

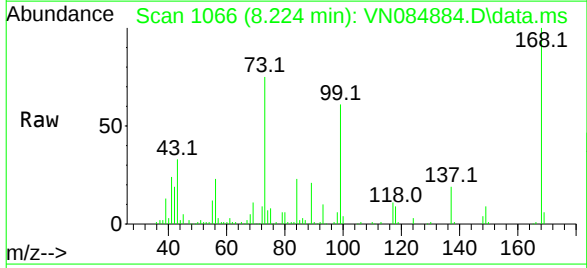
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.224 min Scan# 10
 Delta R.T. -0.000 min
 Lab File: VN084884.D
 Acq: 17 Nov 2024 10:27

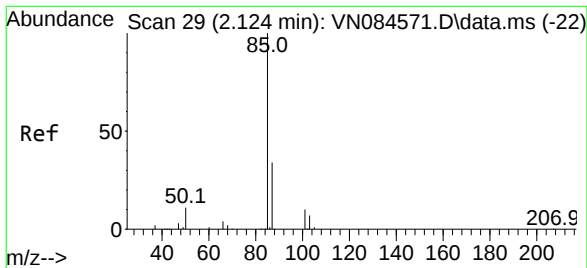
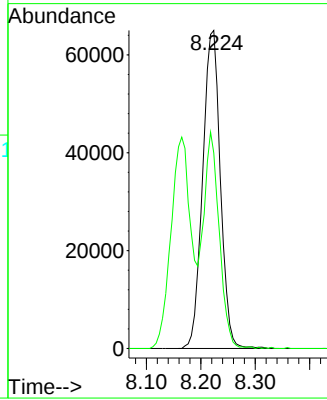
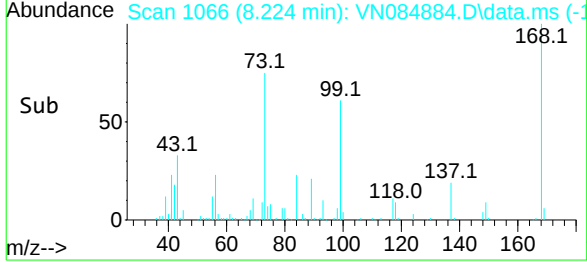
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



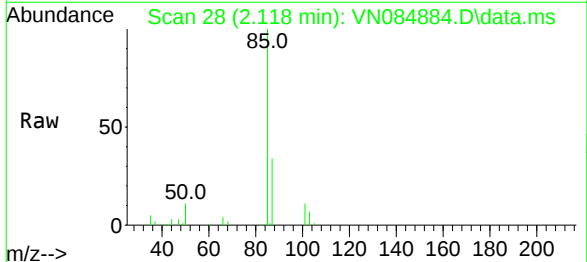
Tgt Ion: 168 Resp: 147052
 Ion Ratio Lower Upper
 168 100
 99 61.5 54.2 81.2

Manual Integrations
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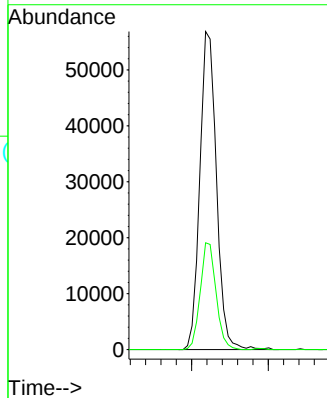
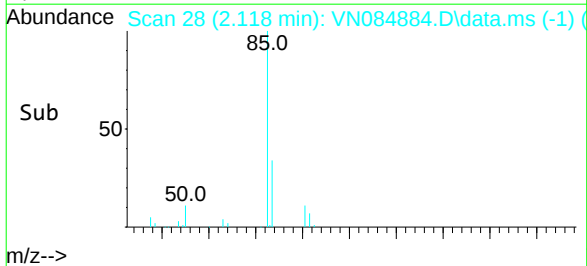
Reviewed By : John Carlone 11/18/2024
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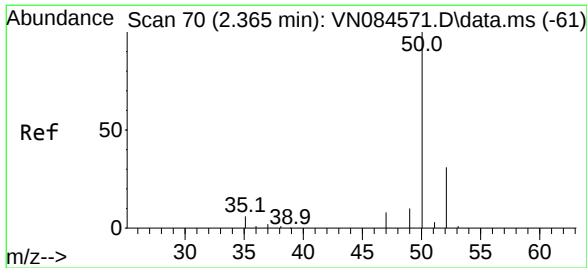


#2
 Dichlorodifluoromethane
 Concen: 50.662 ug/l
 RT: 2.118 min Scan# 28
 Delta R.T. -0.006 min
 Lab File: VN084884.D
 Acq: 17 Nov 2024 10:27



Tgt Ion: 85 Resp: 85642
 Ion Ratio Lower Upper
 85 100
 87 33.6 17.6 52.9





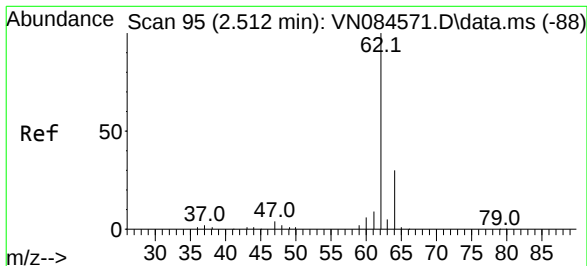
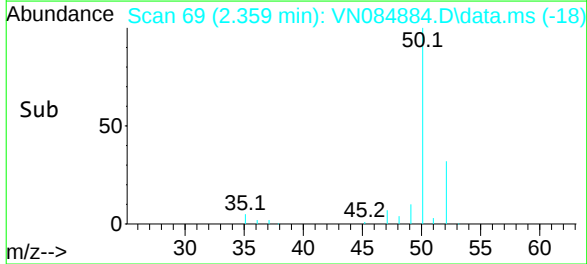
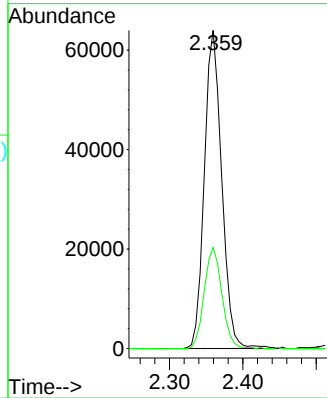
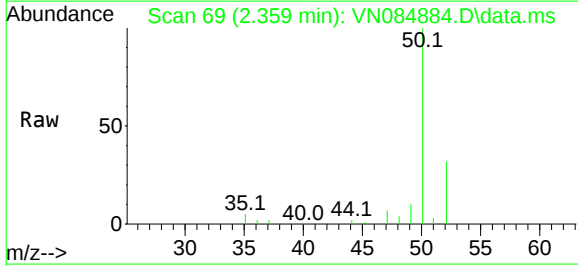
#3
Chloromethane
Concen: 53.234 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 105273
Ion Ratio Lower Upper
50 100
52 31.8 26.8 40.2

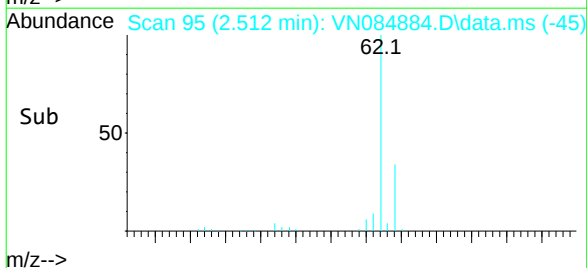
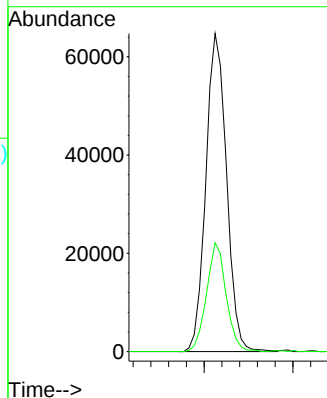
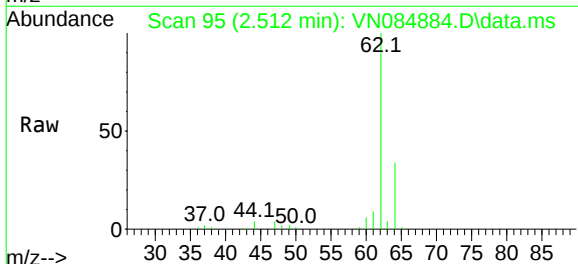
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#4
Vinyl Chloride
Concen: 57.670 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

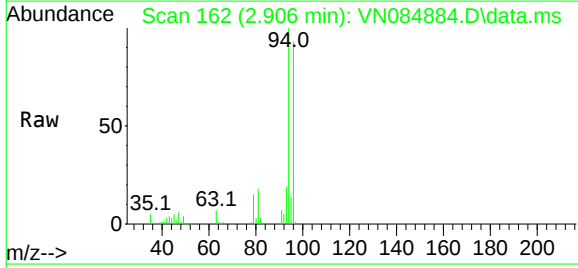
Tgt Ion: 62 Resp: 104856
Ion Ratio Lower Upper
62 100
64 34.2 26.2 39.4





#5
Bromomethane
Concen: 58.290 ug/l
RT: 2.906 min Scan# 161
Delta R.T. -0.047 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

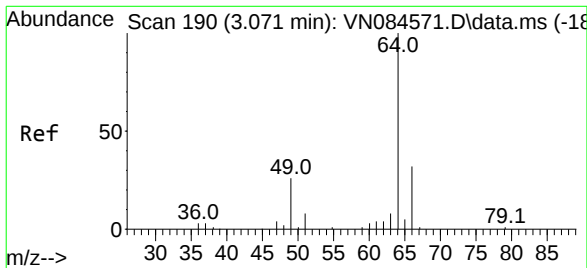
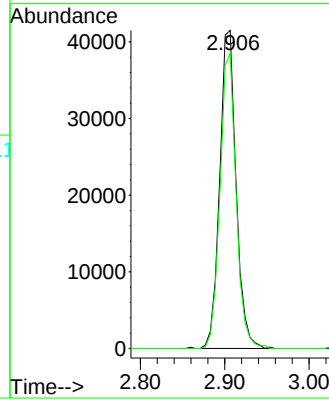
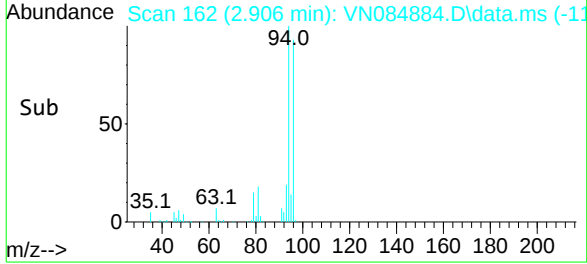
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 94 Resp: 56153
Ion Ratio Lower Upper
94 100
96 92.8 72.9 109.3

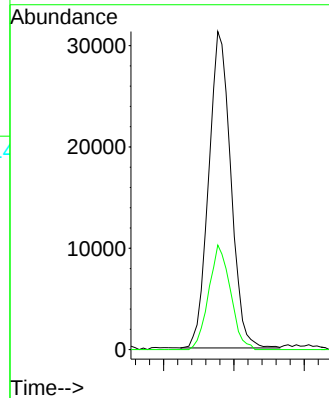
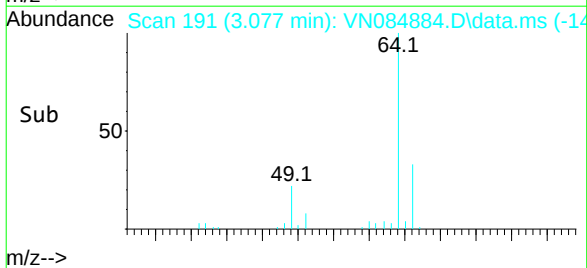
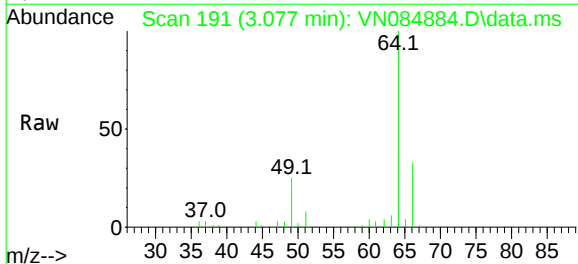
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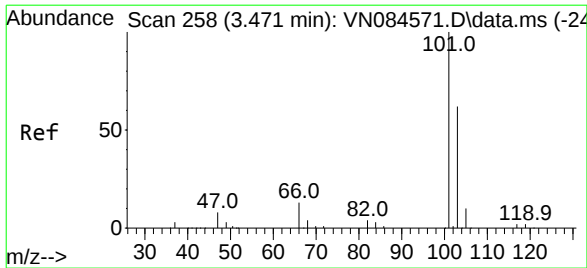
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#6
Chloroethane
Concen: 61.006 ug/l
RT: 3.077 min Scan# 191
Delta R.T. -0.041 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

Tgt Ion: 64 Resp: 68316
Ion Ratio Lower Upper
64 100
66 33.0 23.5 35.3





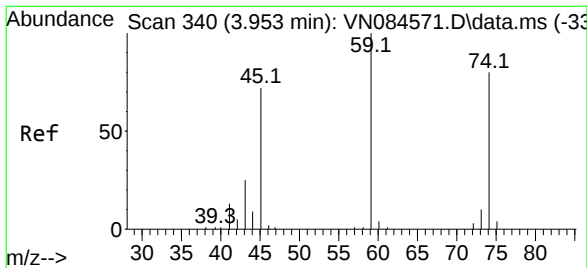
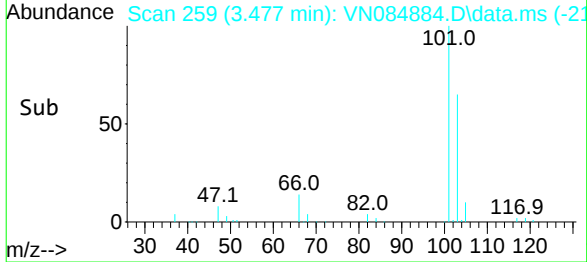
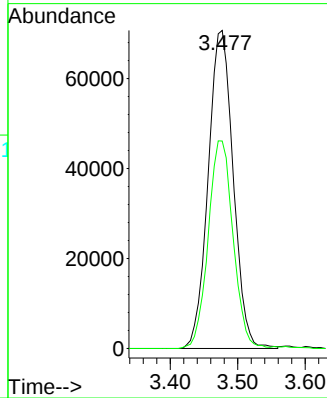
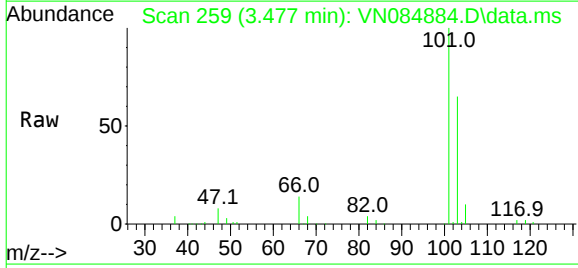
#7
Trichlorofluoromethane
Concen: 60.822 ug/l
RT: 3.477 min Scan# 258
Delta R.T. -0.018 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 182167
Ion Ratio Lower Upper
101 100
103 65.2 51.8 77.6

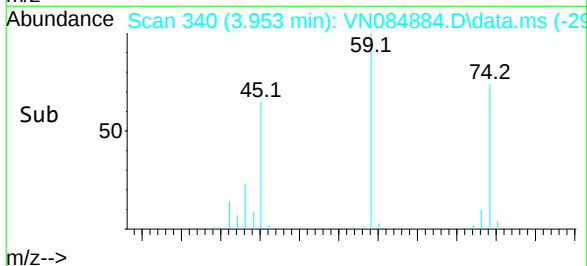
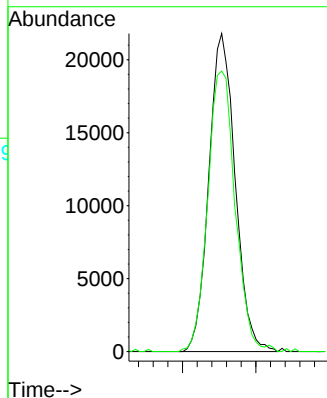
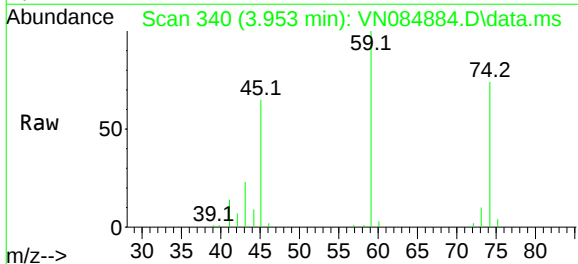
Manual Integrations
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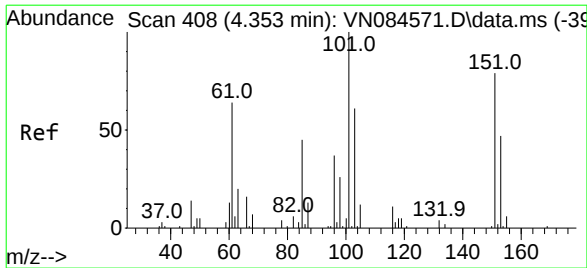
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#8
Diethyl Ether
Concen: 51.530 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.006 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

Tgt Ion: 74 Resp: 54444
Ion Ratio Lower Upper
74 100
45 91.9 47.7 143.1





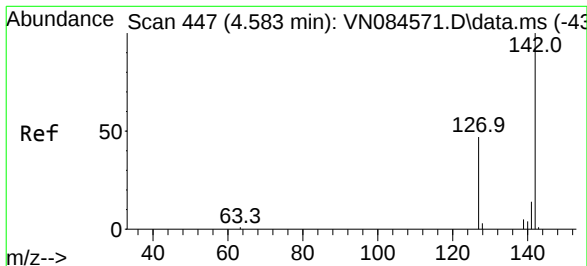
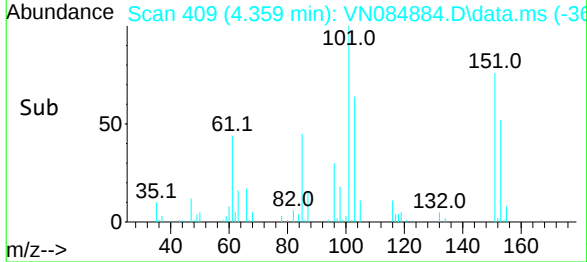
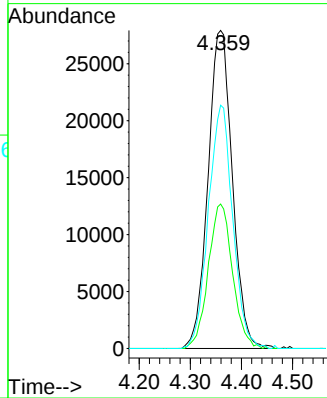
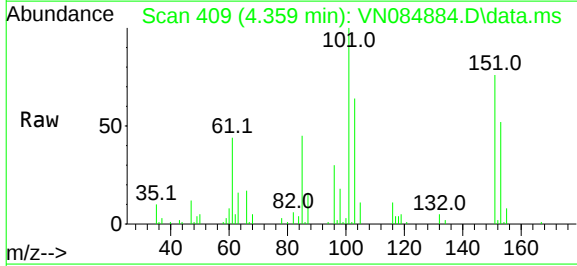
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.630 ug/l
RT: 4.359 min Scan# 408
Delta R.T. -0.012 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	101	Resp:	92456
Ion Ratio	Lower	Upper	
101	100		
85	45.2	36.2	54.4
151	76.6	59.3	88.9

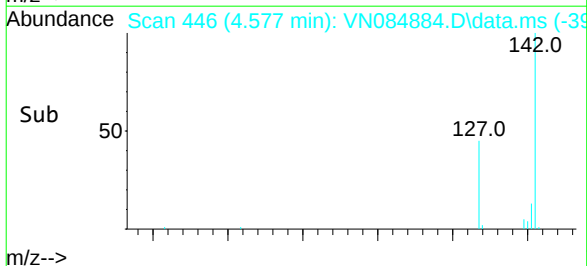
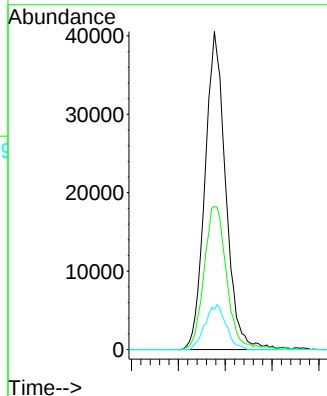
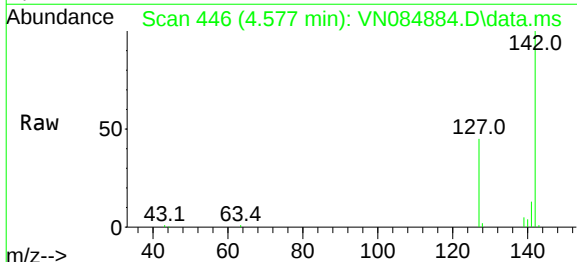
Manual Integrations
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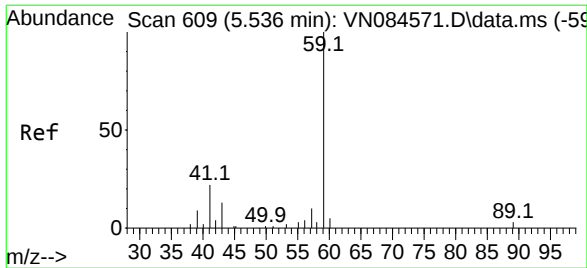
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#10
Methyl Iodide
Concen: 54.974 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.018 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

Tgt Ion:	142	Resp:	124345
Ion Ratio	Lower	Upper	
142	100		
127	45.0	35.3	52.9
141	12.6	11.0	16.6





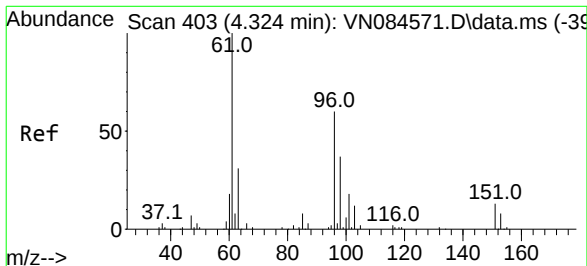
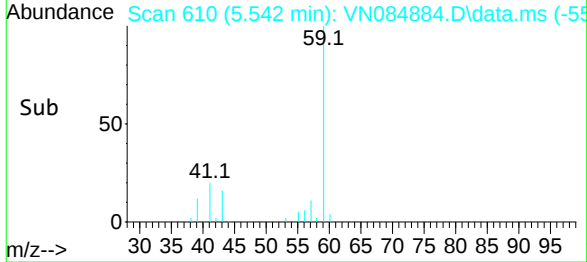
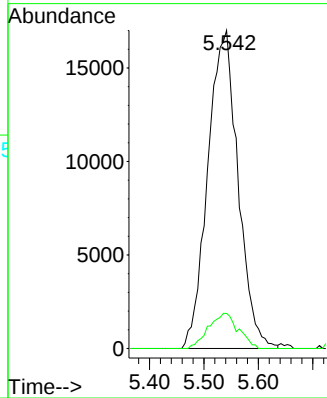
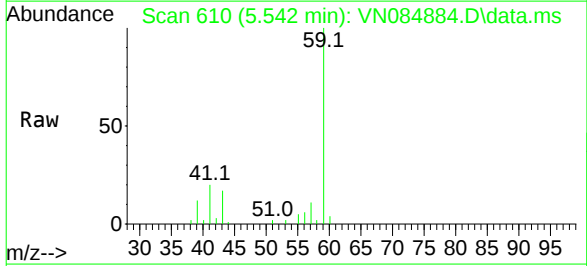
#11
Tert butyl alcohol
Concen: 234.440 ug/l
RT: 5.542 min Scan# 61
Delta R.T. 0.018 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 65726
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.2

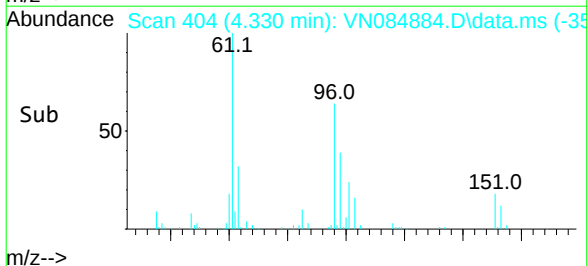
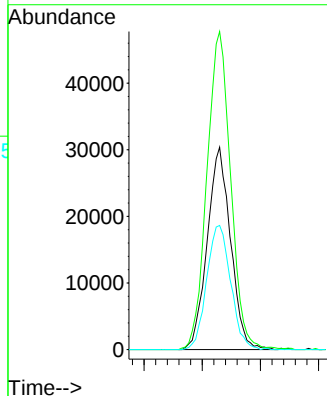
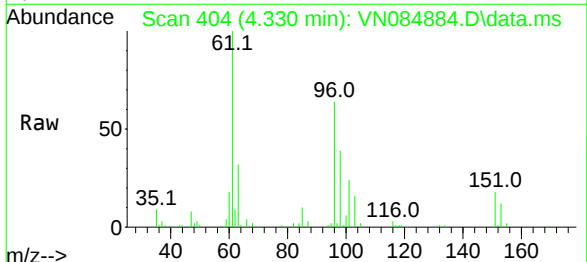
Manual Integrations
APPROVED

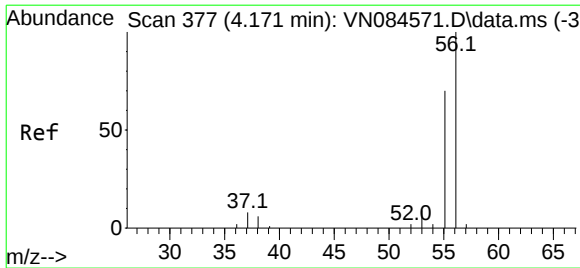
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#12
1,1-Dichloroethene
Concen: 50.629 ug/l
RT: 4.330 min Scan# 404
Delta R.T. -0.012 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

Tgt Ion: 96 Resp: 84784
Ion Ratio Lower Upper
96 100
61 157.2 128.6 192.8
98 61.3 51.7 77.5





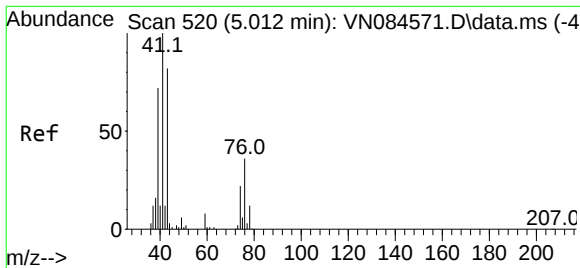
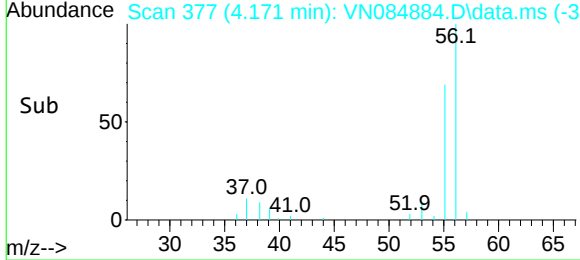
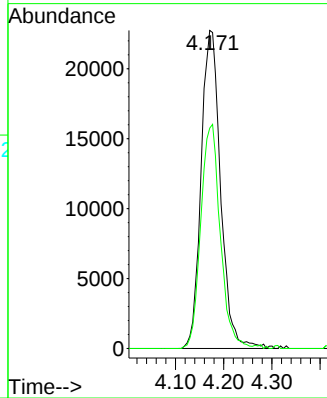
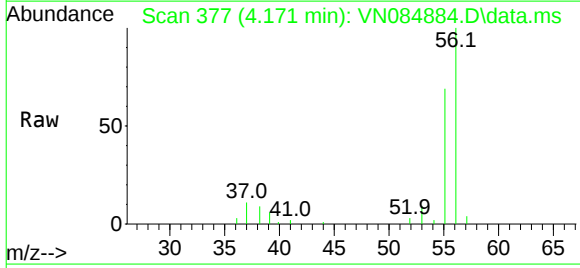
#13
Acrolein
Concen: 228.835 ug/l
RT: 4.171 min Scan# 371
Delta R.T. -0.006 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 63973
Ion Ratio Lower Upper
56 100
55 70.4 57.2 85.8

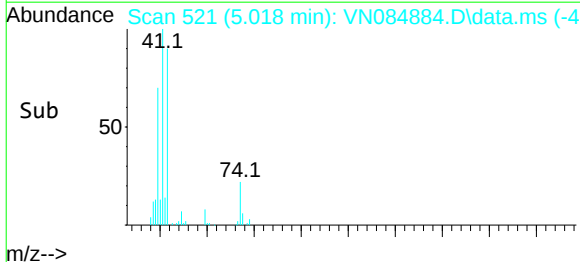
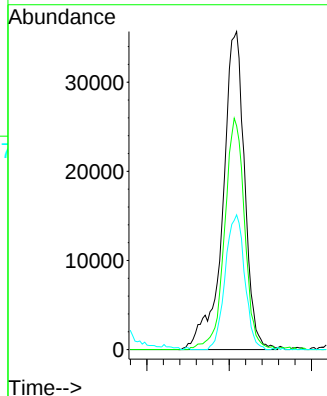
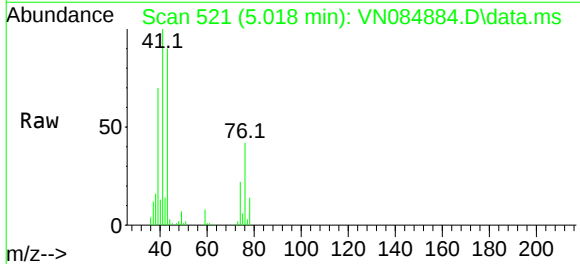
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#14
Allyl chloride
Concen: 48.579 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

Tgt Ion: 41 Resp: 131930
Ion Ratio Lower Upper
41 100
39 66.5 59.0 88.6
76 37.7 29.8 44.6





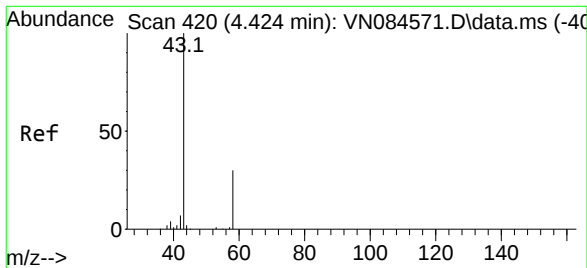
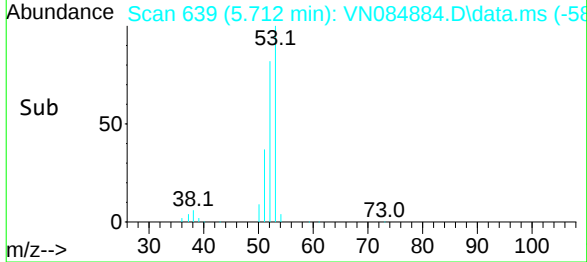
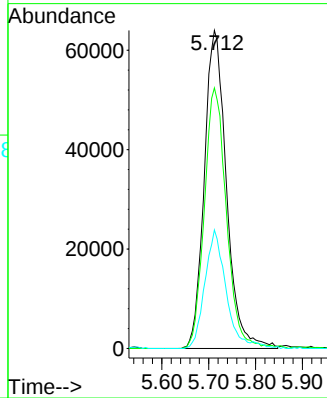
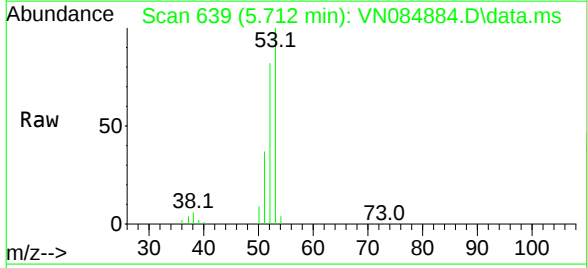
#15
Acrylonitrile
Concen: 259.437 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.006 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 210561
Ion Ratio Lower Upper
53 100
52 81.8 66.2 99.4
51 34.8 28.8 43.2

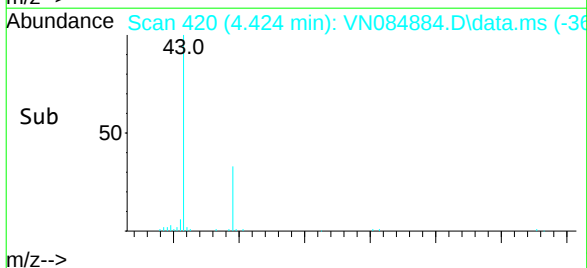
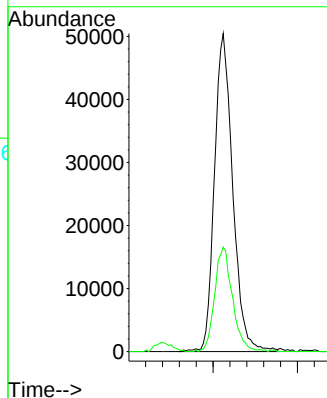
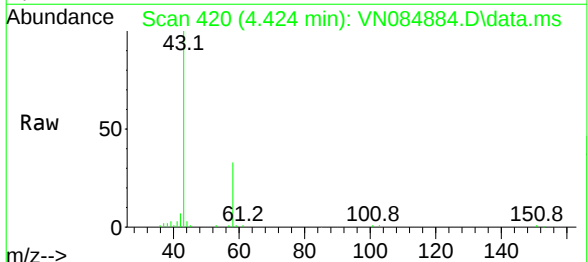
Manual Integrations
APPROVED

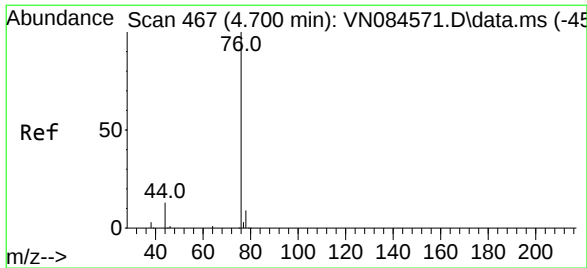
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#16
Acetone
Concen: 247.834 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

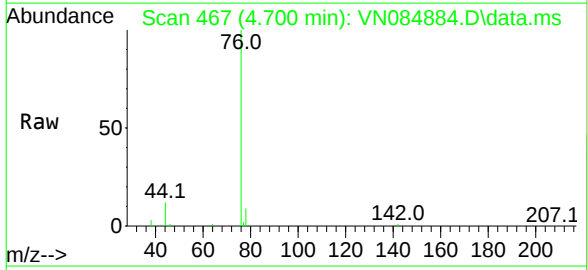
Tgt Ion: 43 Resp: 152067
Ion Ratio Lower Upper
43 100
58 32.9 24.4 36.6





#17
Carbon Disulfide
Concen: 44.563 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.012 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

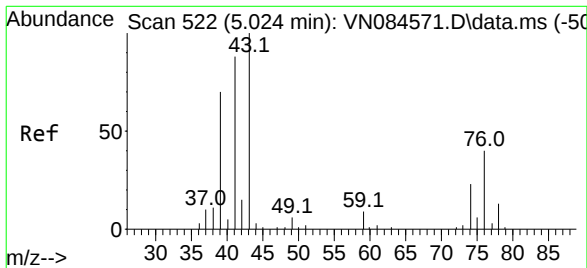
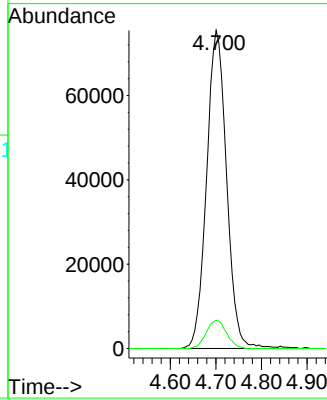
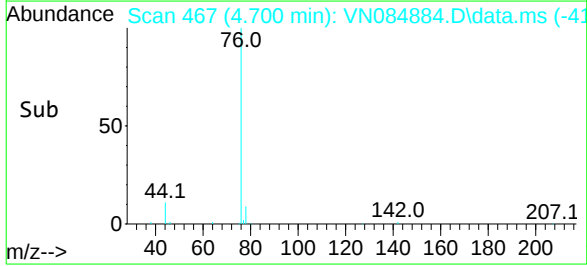
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 229814
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9

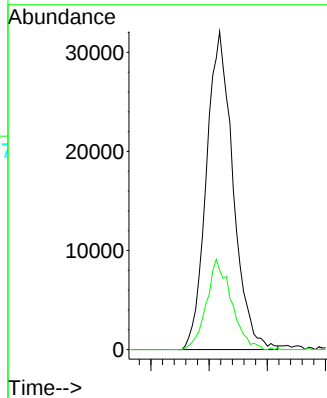
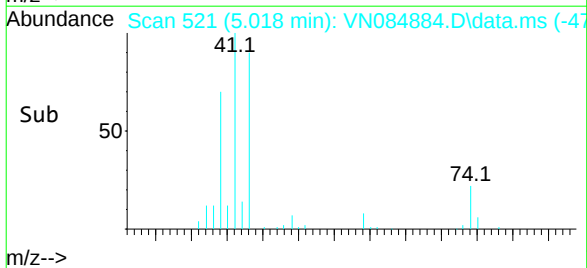
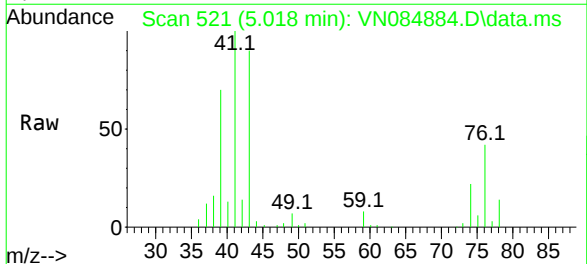
Manual Integrations
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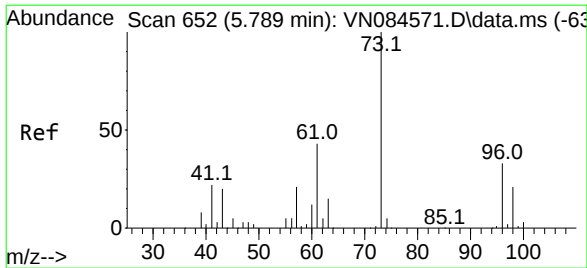
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#18
Methyl Acetate
Concen: 45.324 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

Tgt Ion: 43 Resp: 102414
Ion Ratio Lower Upper
43 100
74 26.6 19.2 28.8





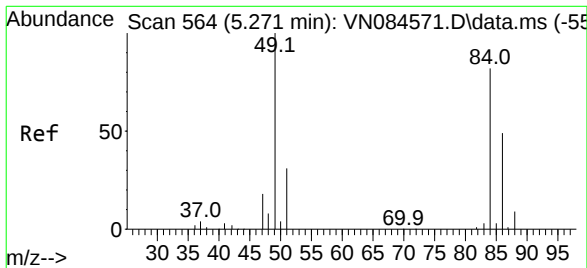
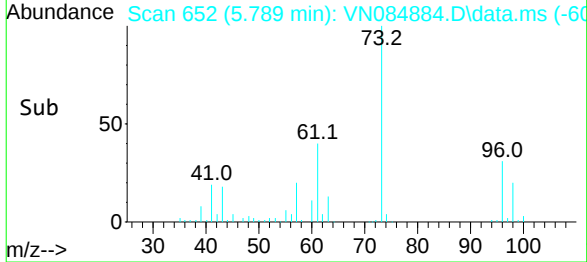
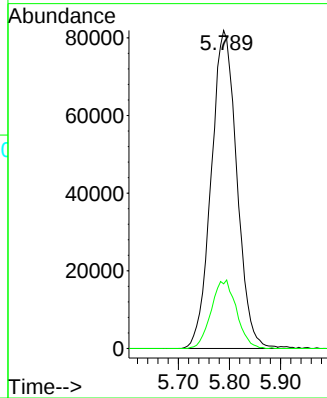
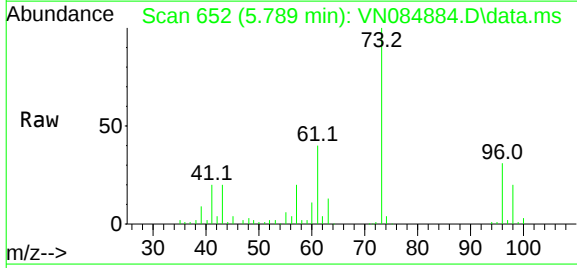
#19
Methyl tert-butyl Ether
Concen: 55.561 ug/l
RT: 5.789 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 285182
Ion Ratio Lower Upper
73 100
57 20.3 17.7 26.5

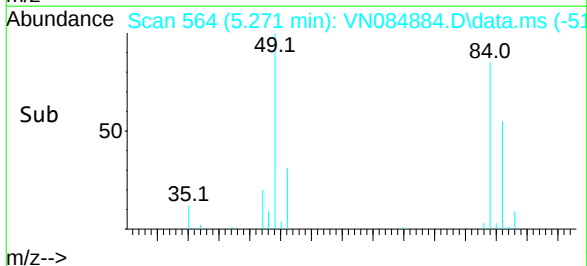
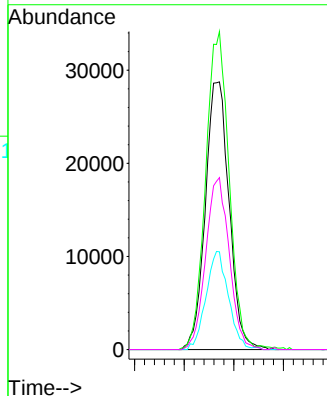
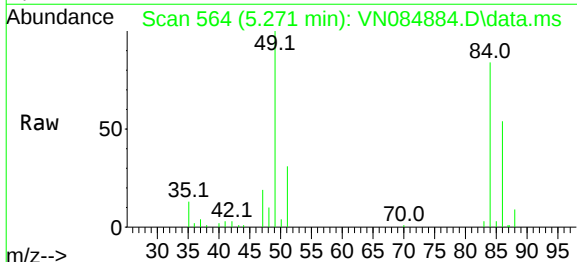
Manual Integrations
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Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#20
Methylene Chloride
Concen: 51.441 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

Tgt Ion: 84 Resp: 96094
Ion Ratio Lower Upper
84 100
49 118.8 107.2 160.8
51 36.5 31.8 47.8
86 64.2 52.9 79.3





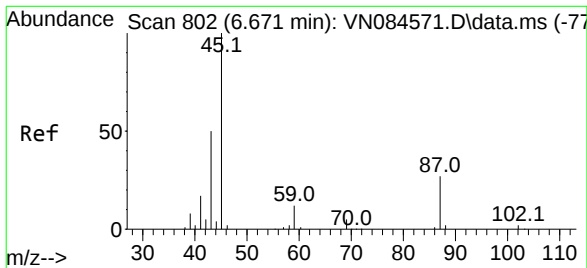
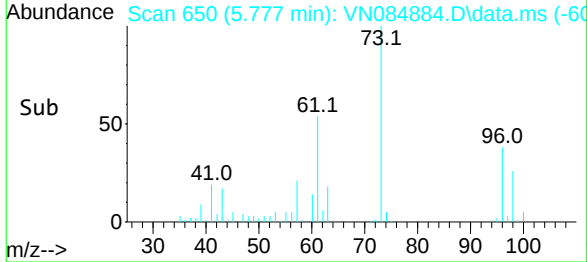
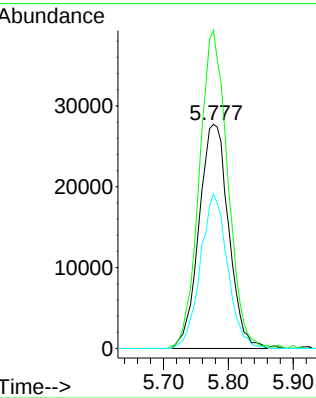
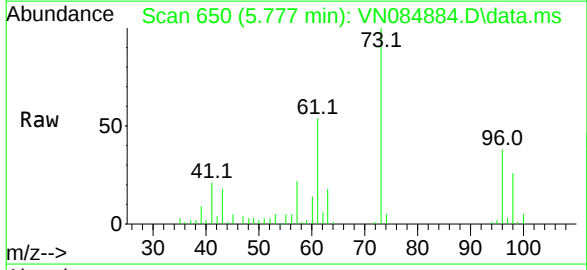
#21
trans-1,2-Dichloroethene
Concen: 51.015 ug/l
RT: 5.777 min Scan# 650
Delta R.T. -0.012 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 87723
Ion Ratio Lower Upper
96 100
61 141.9 108.4 162.6
98 69.0 49.8 74.8

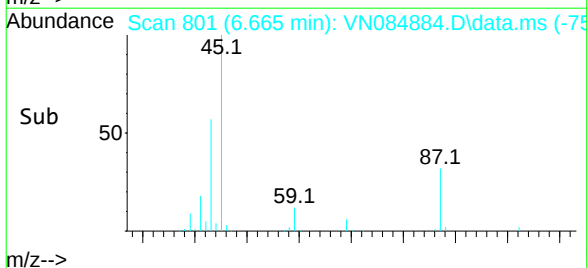
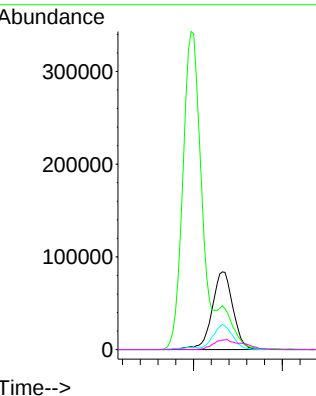
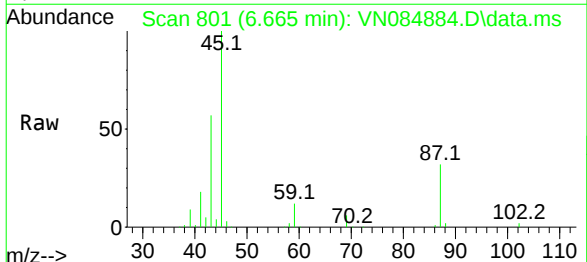
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#22
Diisopropyl ether
Concen: 50.803 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

Tgt Ion: 45 Resp: 274151
Ion Ratio Lower Upper
45 100
43 55.5 42.3 63.5
87 32.2 21.8 32.6
59 11.9 9.6 14.4





#23

Vinyl Acetate

Concen: 269.164 ug/l

RT: 6.594 min Scan# 78

Delta R.T. -0.006 min

Lab File: VN084884.D

Acq: 17 Nov 2024 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1001662

Ion Ratio Lower Upper

43 100

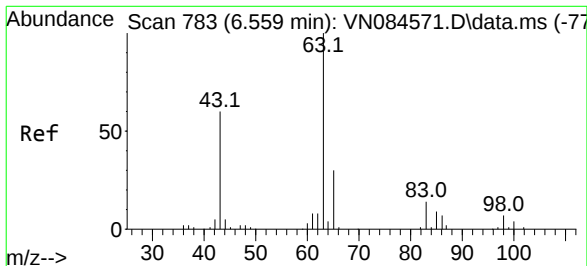
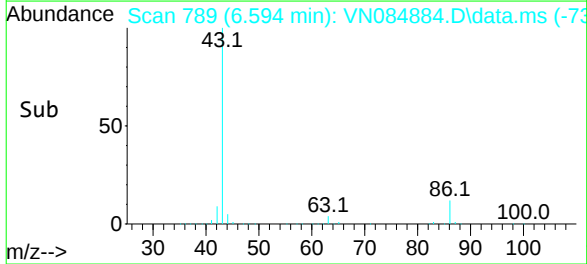
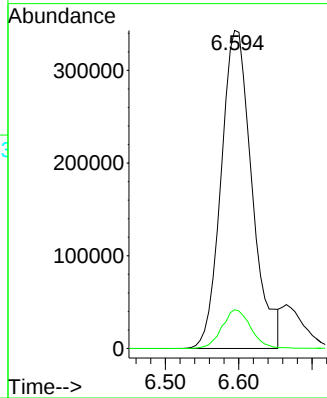
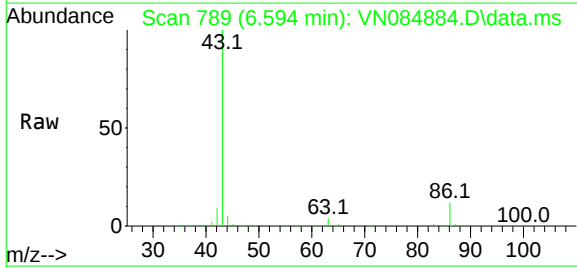
86 12.2 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2024

Supervised By :Mahesh Dadoda 11/18/2024



#24

1,1-Dichloroethane

Concen: 52.446 ug/l

RT: 6.559 min Scan# 783

Delta R.T. -0.012 min

Lab File: VN084884.D

Acq: 17 Nov 2024 10:27

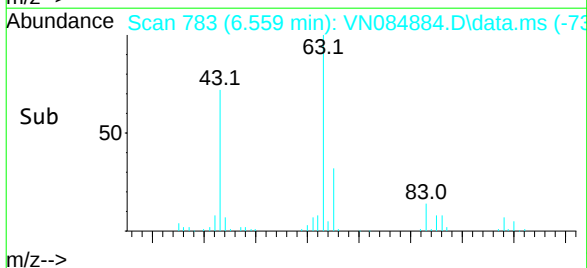
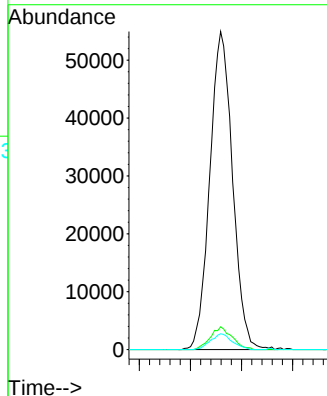
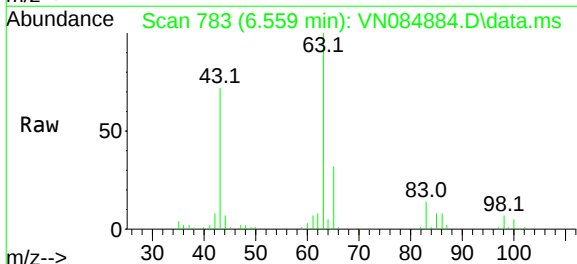
Tgt Ion: 63 Resp: 169917

Ion Ratio Lower Upper

63 100

98 7.2 3.4 10.2

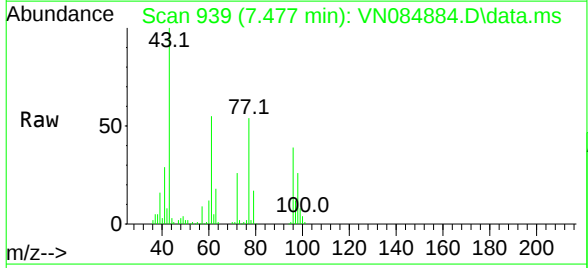
100 5.0 2.0 5.8





#25
2-Butanone
Concen: 257.834 ug/l
RT: 7.477 min Scan# 93
Delta R.T. -0.006 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

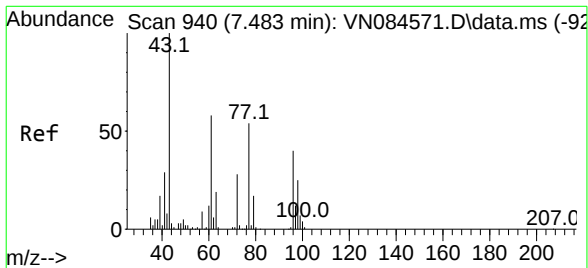
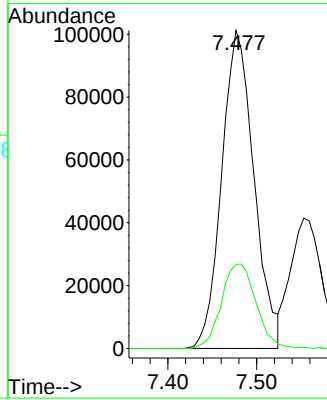
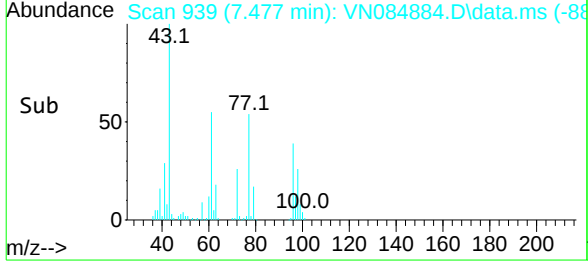
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



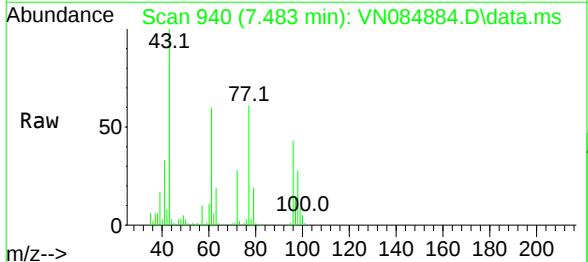
Tgt Ion: 43 Resp: 255483
Ion Ratio Lower Upper
43 100
72 26.4 21.4 32.2

Manual Integrations
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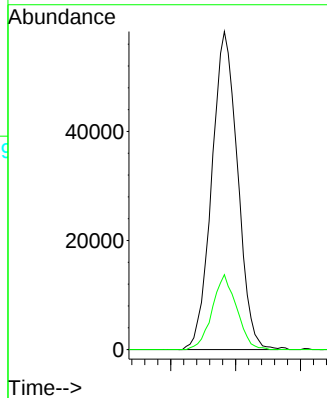
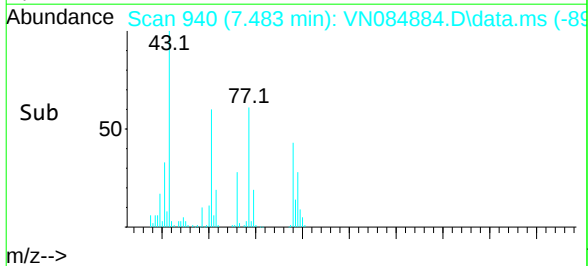
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#26
2,2-Dichloropropane
Concen: 57.282 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27



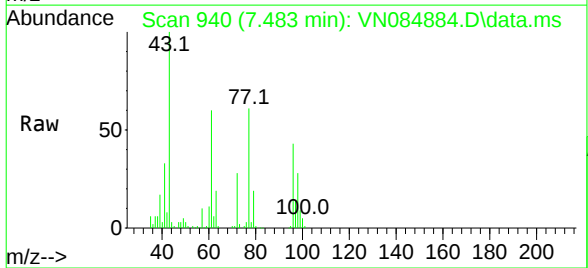
Tgt Ion: 77 Resp: 161527
Ion Ratio Lower Upper
77 100
97 22.2 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 52.601 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.006 min
 Lab File: VN084884.D
 Acq: 17 Nov 2024 10:27

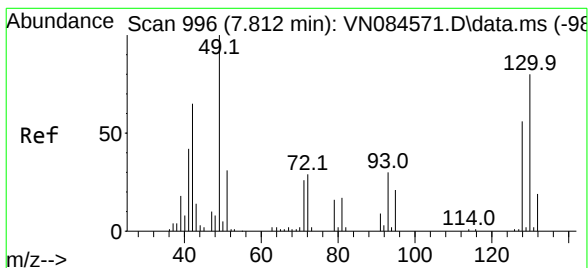
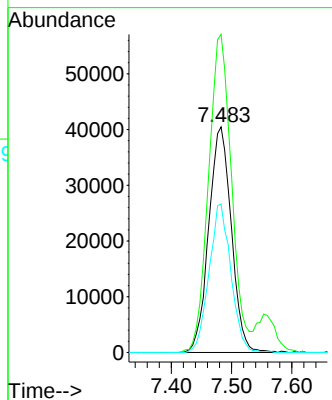
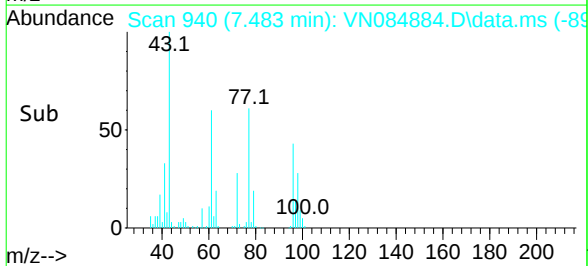
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 105614
 Ion Ratio Lower Upper
 96 100
 61 142.7 0.0 301.8
 98 63.6 0.0 128.2

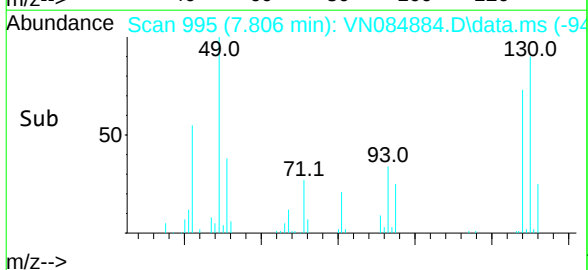
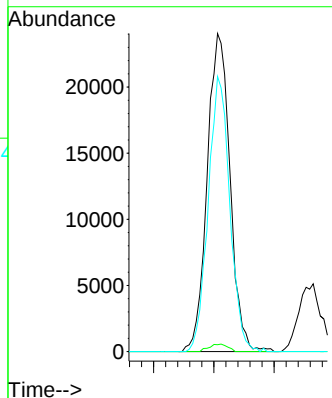
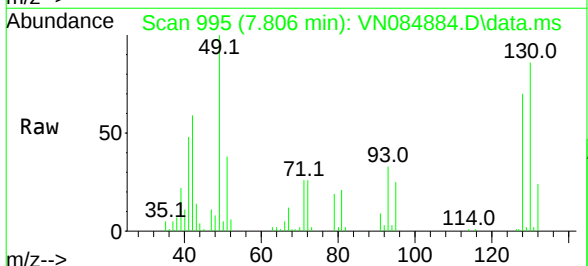
Manual Integrations
 APPROVED

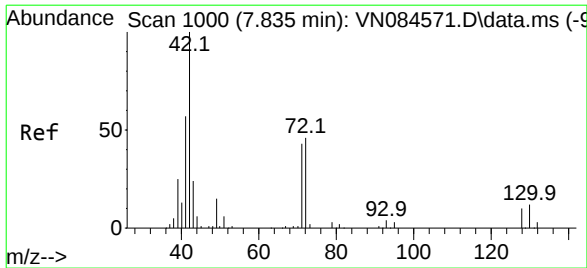
Reviewed By :John Carlone 11/18/2024
 Supervised By :Mahesh Dadoda 11/18/2024



#28
 Bromochloromethane
 Concen: 49.031 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.006 min
 Lab File: VN084884.D
 Acq: 17 Nov 2024 10:27

Tgt Ion: 49 Resp: 63288
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.6
 130 81.8 58.0 87.0





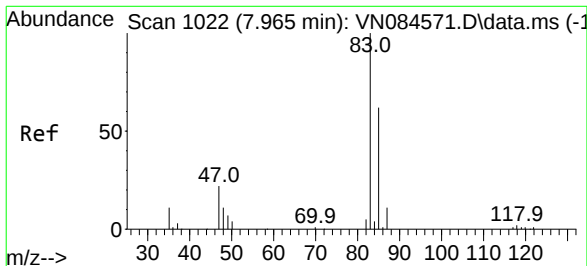
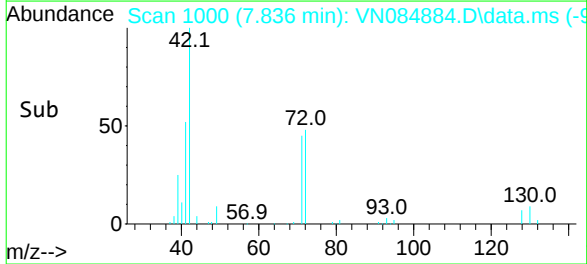
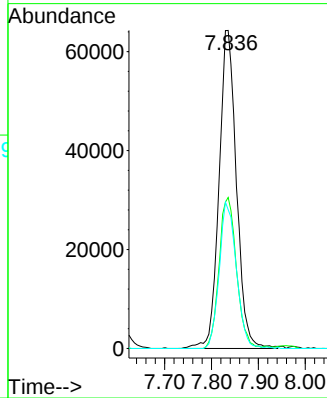
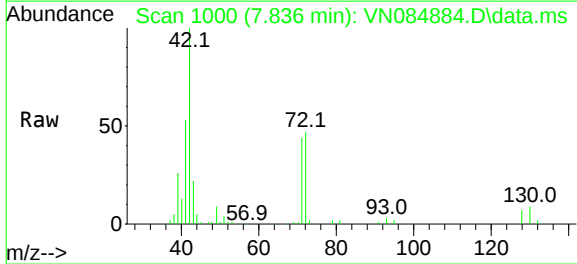
#29
Tetrahydrofuran
Concen: 252.727 ug/l
RT: 7.836 min Scan# 10
Delta R.T. 0.000 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 166134
Ion Ratio Lower Upper
42 100
72 47.4 34.6 51.8
71 45.2 32.2 48.4

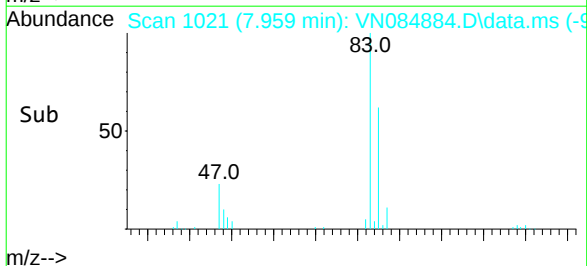
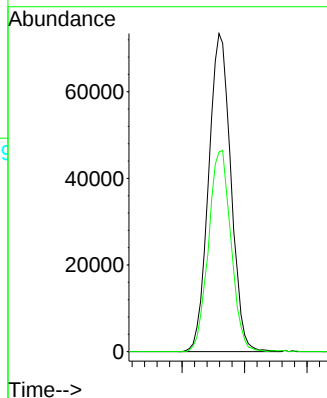
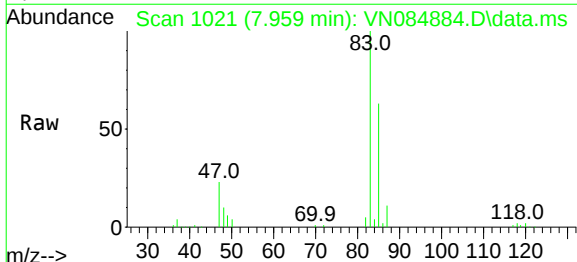
Manual Integrations
APPROVED

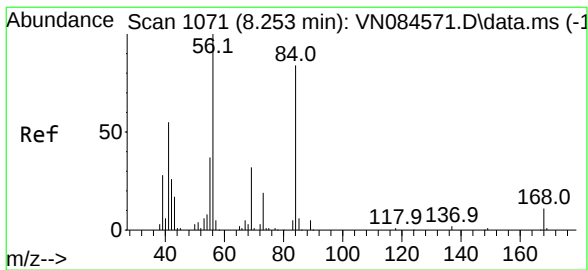
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#30
Chloroform
Concen: 55.114 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

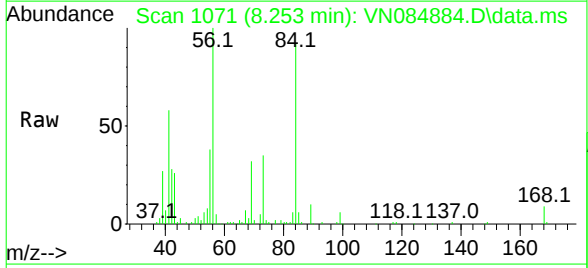
Tgt Ion: 83 Resp: 181740
Ion Ratio Lower Upper
83 100
85 62.8 51.0 76.4





#31
Cyclohexane
Concen: 48.309 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

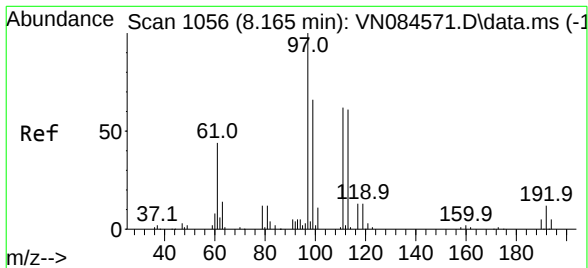
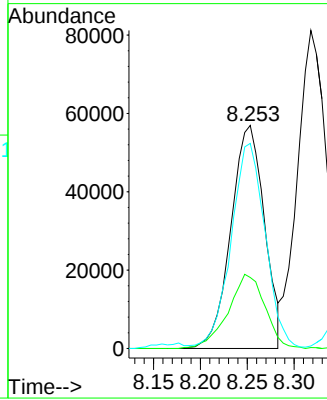
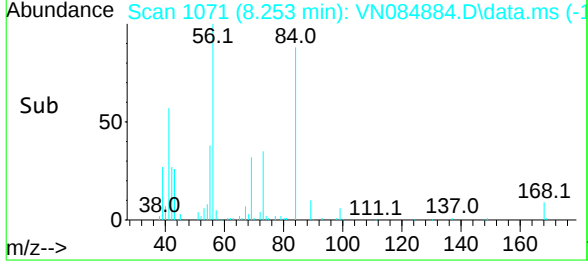
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



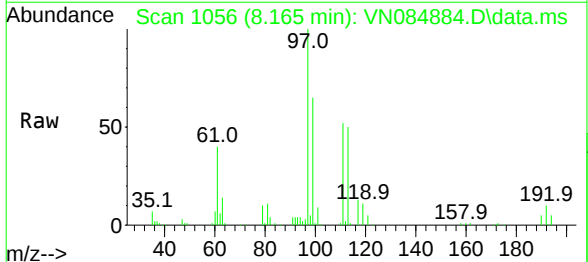
Tgt Ion: 56 Resp: 141656
Ion Ratio Lower Upper
56 100
69 31.8 23.8 35.6
84 89.5 68.8 103.2

Manual Integrations
APPROVED

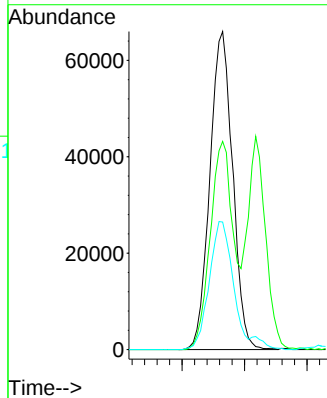
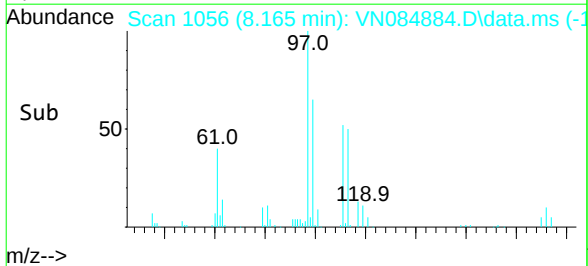
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024

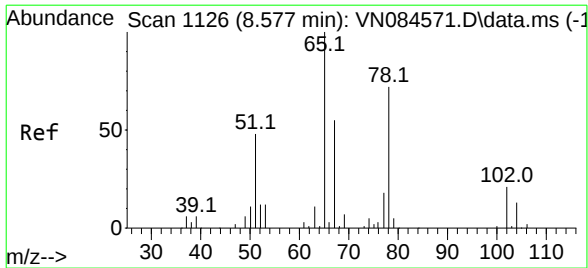


#32
1,1,1-Trichloroethane
Concen: 55.610 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27



Tgt Ion: 97 Resp: 166907
Ion Ratio Lower Upper
97 100
99 67.0 51.2 76.8
61 43.8 37.5 56.3





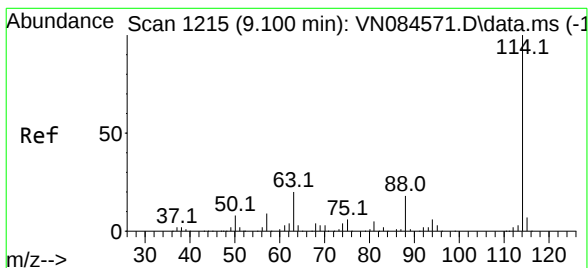
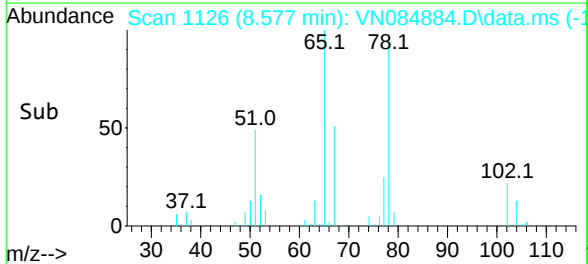
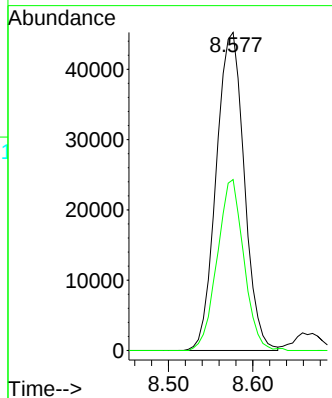
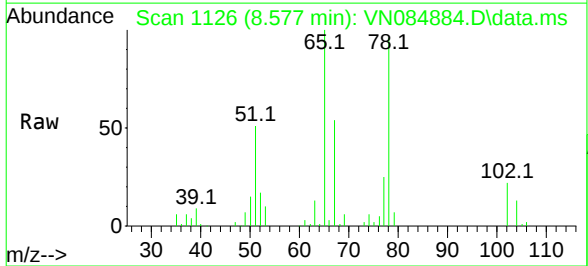
#33
1,2-Dichloroethane-d4
Concen: 49.195 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 104486
Ion Ratio Lower Upper
65 100
67 51.1 0.0 102.0

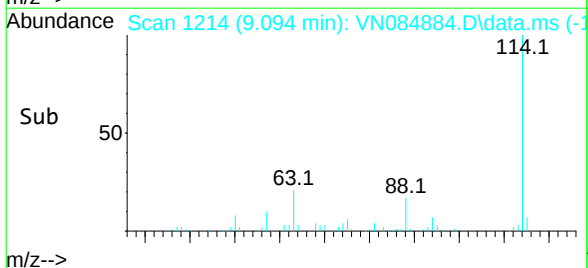
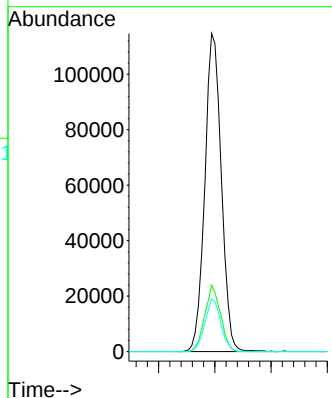
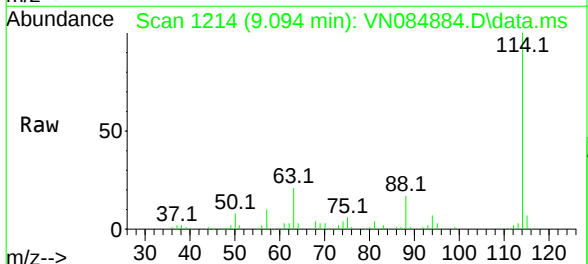
Manual Integrations
APPROVED

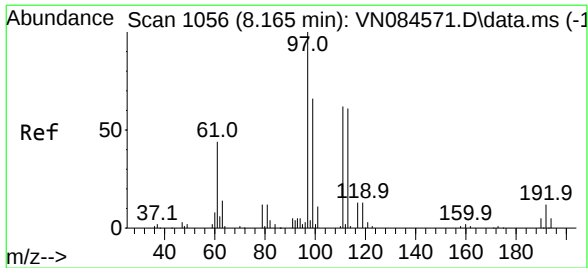
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

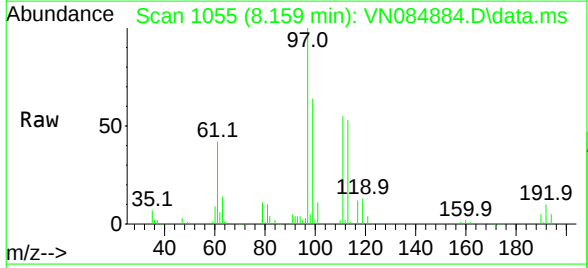
Tgt Ion:114 Resp: 233847
Ion Ratio Lower Upper
114 100
63 20.9 0.0 43.8
88 16.5 0.0 31.6





#35
Dibromofluoromethane
Concen: 51.105 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

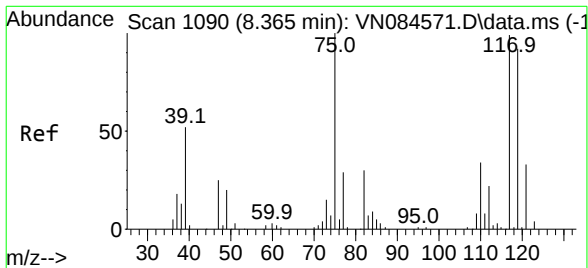
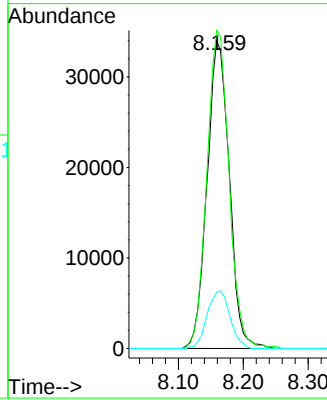
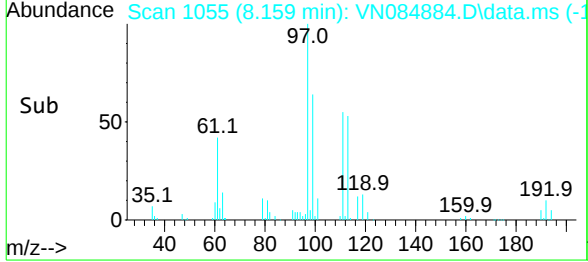
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:	113	Resp:	80892
Ion	Ratio	Lower	Upper
113	100		
111	103.5	83.3	124.9
192	19.2	13.5	20.3

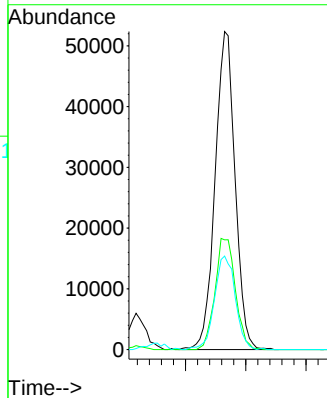
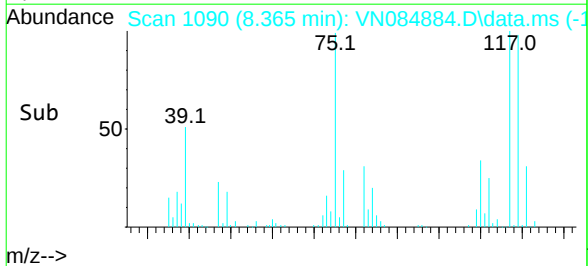
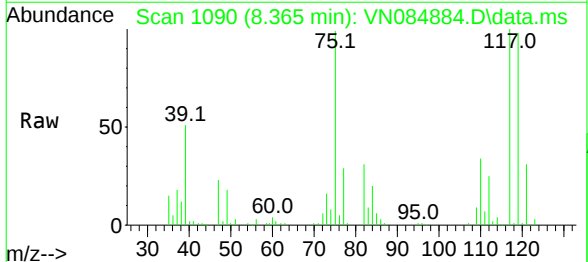
Manual Integrations
APPROVED

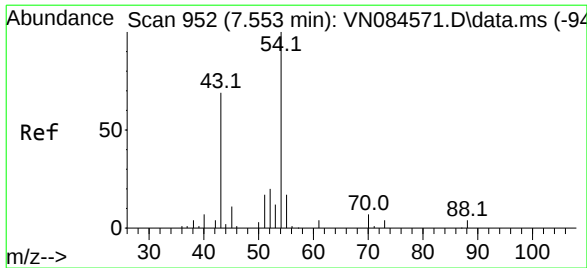
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#36
1,1-Dichloropropene
Concen: 54.955 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

Tgt Ion:	75	Resp:	120640
Ion	Ratio	Lower	Upper
75	100		
110	35.6	16.9	50.7
77	30.6	24.7	37.1





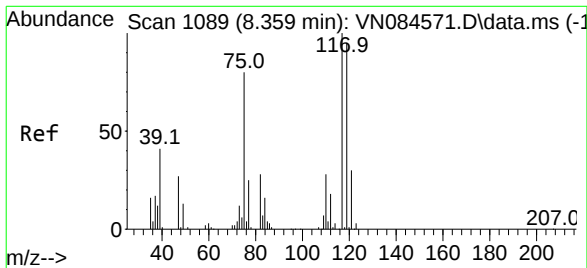
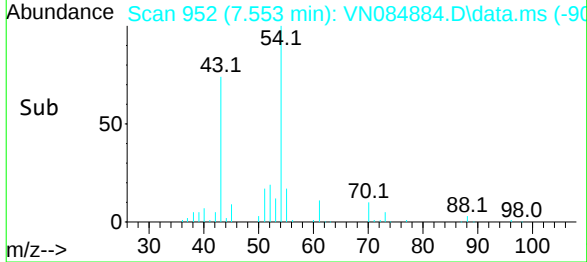
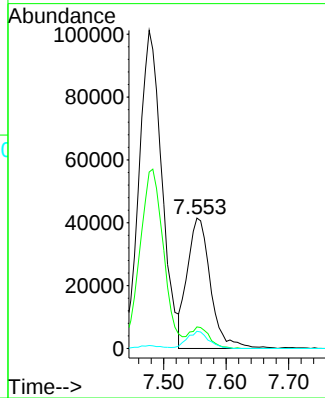
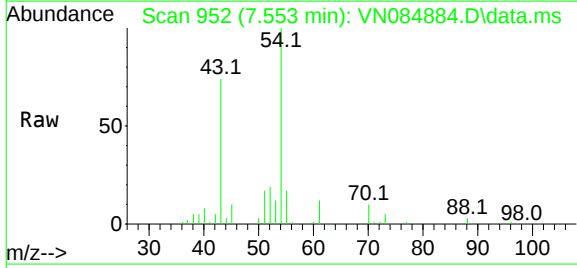
#37
Ethyl Acetate
Concen: 53.709 ug/l
RT: 7.553 min Scan# 952
Delta R.T. -0.006 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	43	Resp:	106974
Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.7	16.1
70	12.2	8.8	13.2

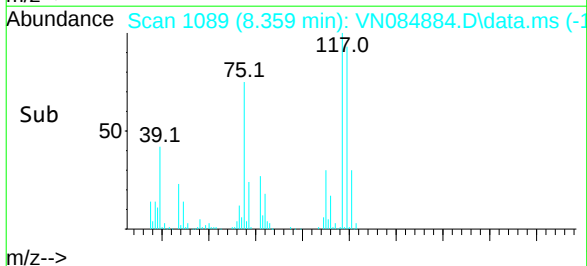
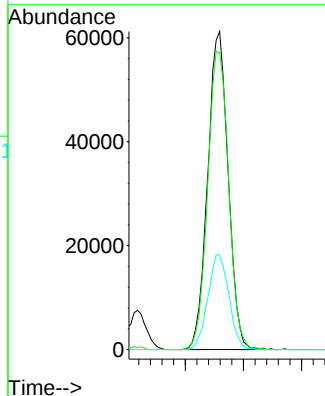
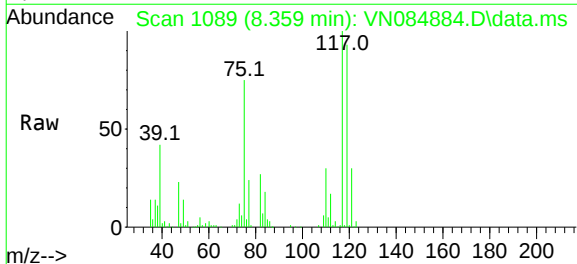
Manual Integrations
APPROVED

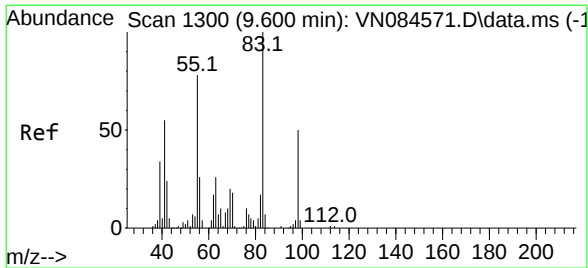
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#38
Carbon Tetrachloride
Concen: 61.018 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

Tgt Ion:	117	Resp:	149719
Ion	Ratio	Lower	Upper
117	100		
119	93.3	78.7	118.1
121	29.8	24.4	36.6





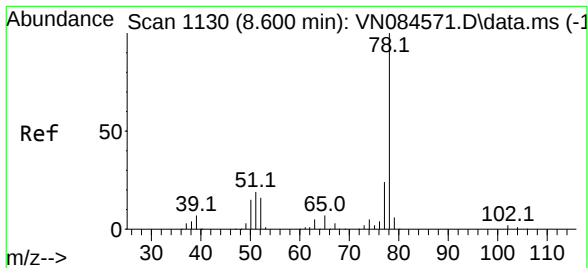
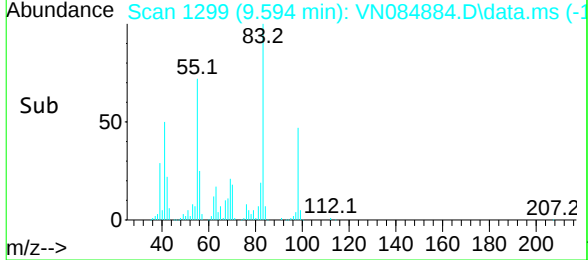
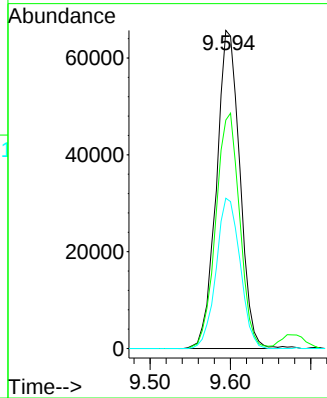
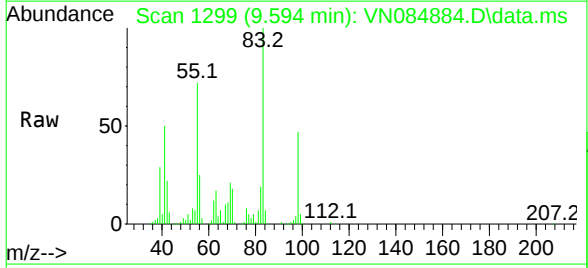
#39
Methylcyclohexane
Concen: 59.477 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 132827
Ion Ratio Lower Upper
83 100
55 71.8 62.8 94.2
98 47.2 38.8 58.2

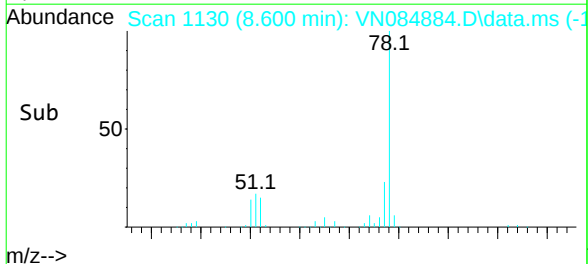
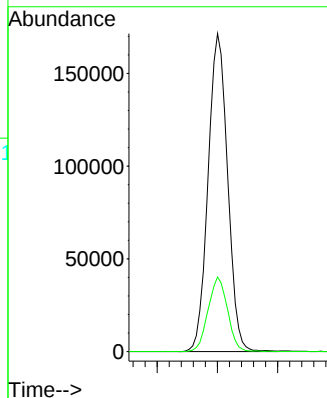
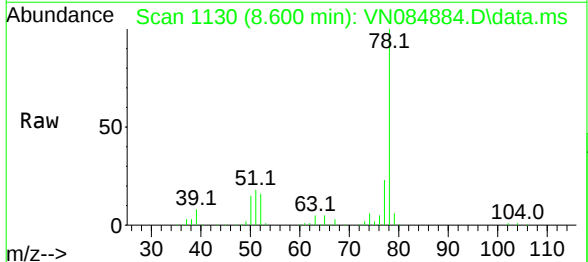
Manual Integrations
APPROVED

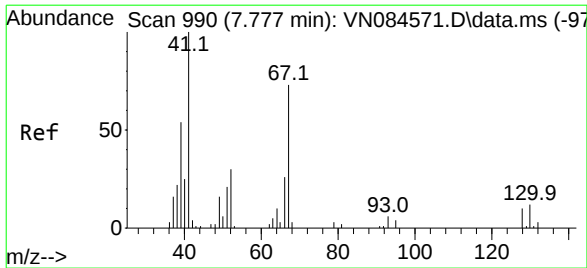
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#40
Benzene
Concen: 54.816 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

Tgt Ion: 78 Resp: 386451
Ion Ratio Lower Upper
78 100
77 23.5 19.1 28.7





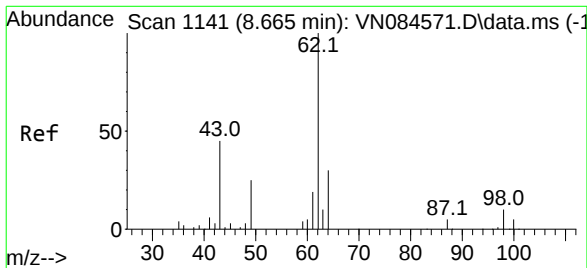
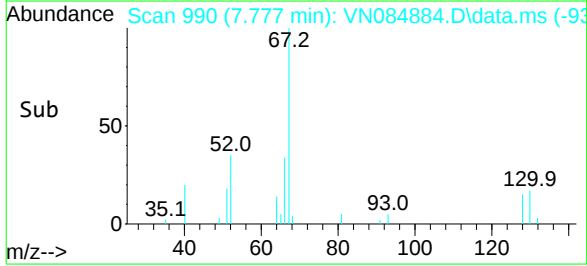
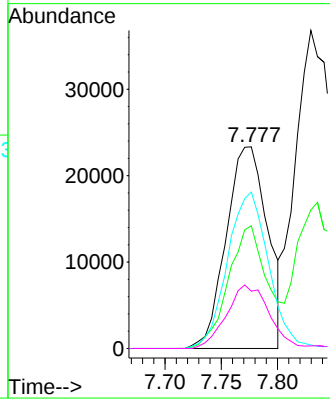
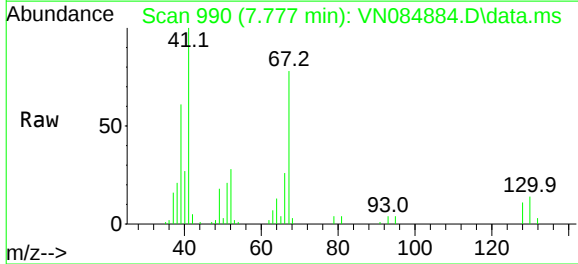
#41
Methacrylonitrile
Concen: 55.808 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	59774
Ion	Ratio	Lower	Upper
41	100		
39	59.0	43.3	64.9
67	77.2	56.1	84.1
52	33.0	24.5	36.7

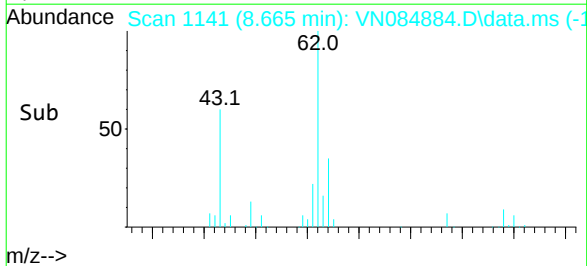
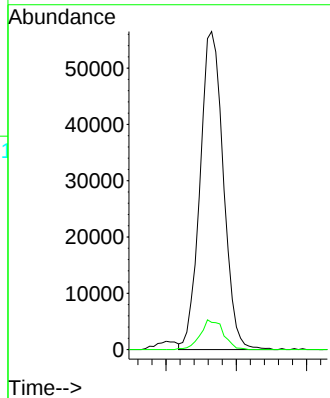
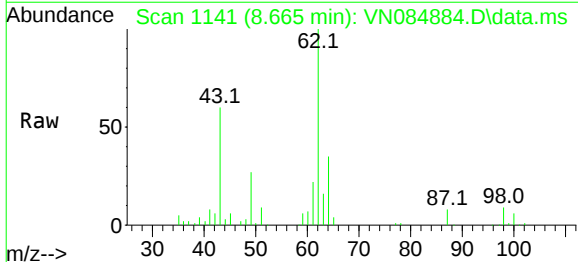
Manual Integrations
APPROVED

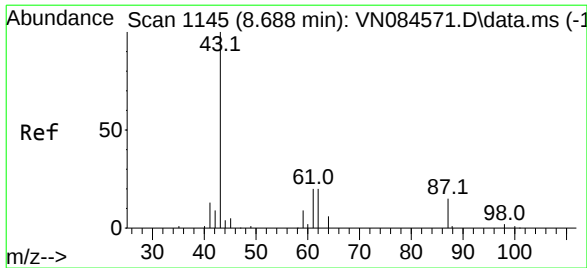
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#42
1,2-Dichloroethane
Concen: 57.008 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

Tgt Ion:	62	Resp:	130159
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.2





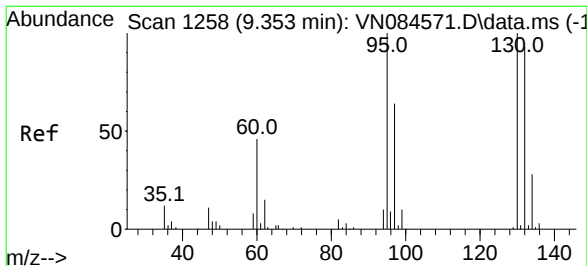
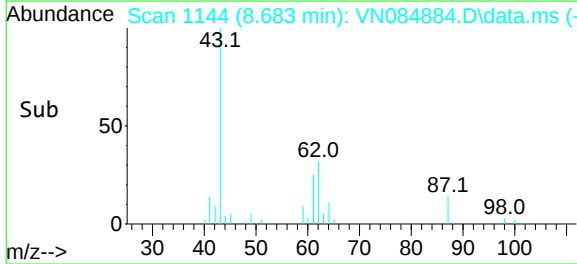
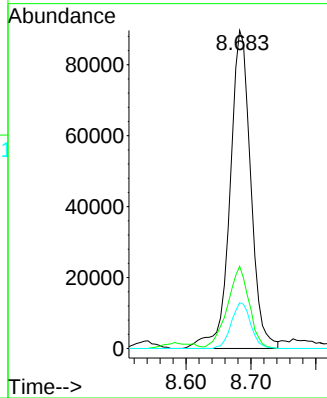
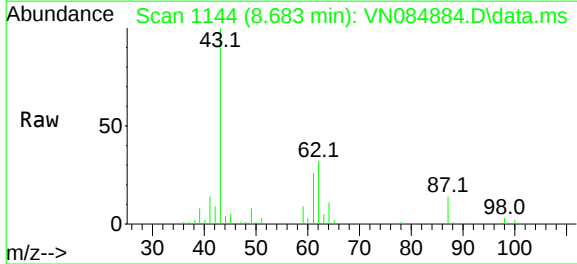
#43
Isopropyl Acetate
Concen: 54.197 ug/l
RT: 8.683 min Scan# 1145
Delta R.T. -0.005 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

Instrument : MSVOA_N
ClientSampleId : VSTDCCC050

Tgt Ion: 43 Resp: 199122
Ion Ratio Lower Upper
43 100
61 27.1 20.4 30.6
87 13.5 10.3 15.5

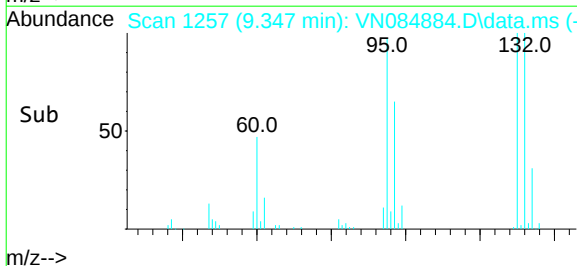
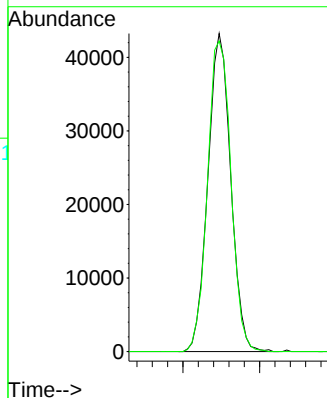
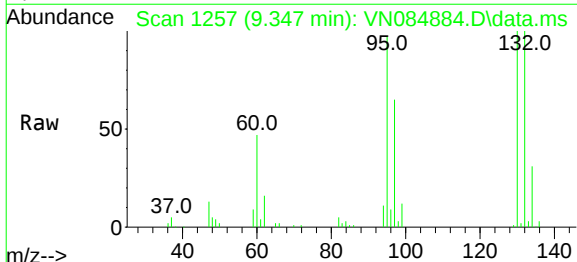
Manual Integrations
APPROVED

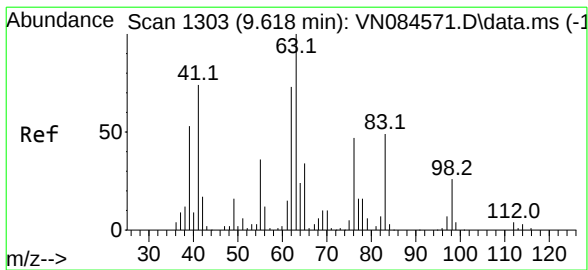
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#44
Trichloroethene
Concen: 54.883 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

Tgt Ion:130 Resp: 89234
Ion Ratio Lower Upper
130 100
95 97.7 0.0 203.0





#45

1,2-Dichloropropane

Concen: 55.722 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN084884.D

Acq: 17 Nov 2024 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 92152

Ion Ratio Lower Upper

63 100

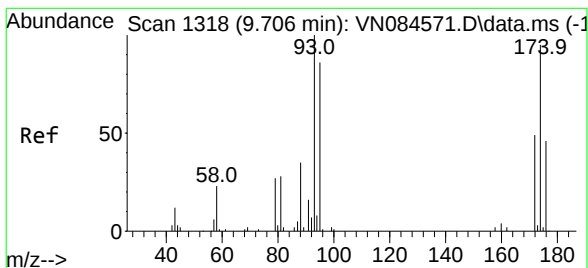
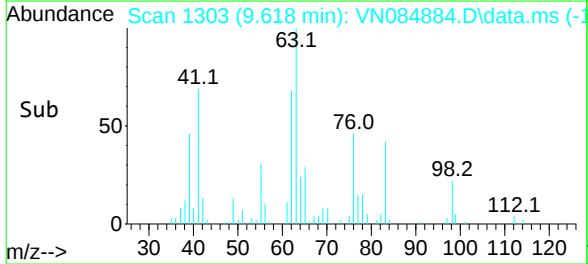
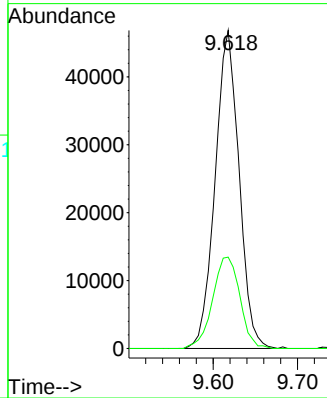
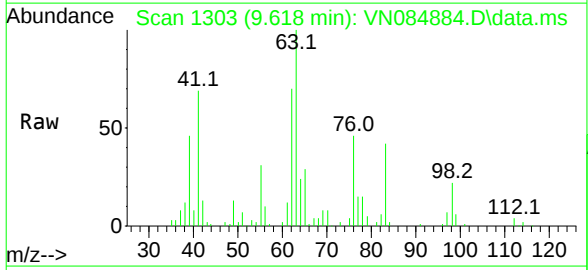
65 28.7 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2024

Supervised By :Mahesh Dadoda 11/18/2024



#46

Dibromomethane

Concen: 56.468 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN084884.D

Acq: 17 Nov 2024 10:27

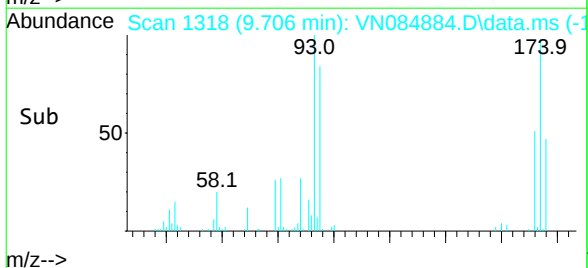
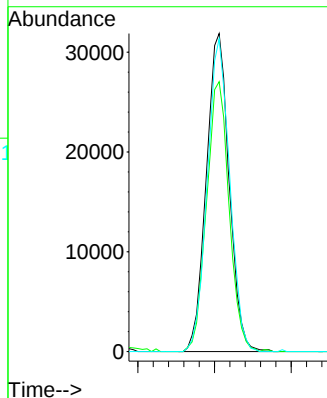
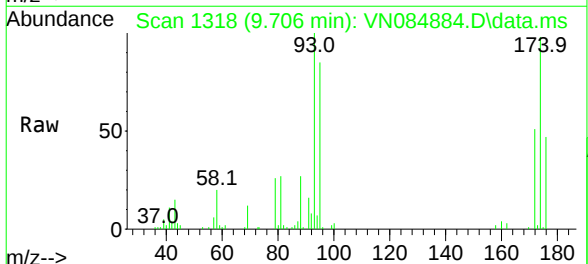
Tgt Ion: 93 Resp: 65896

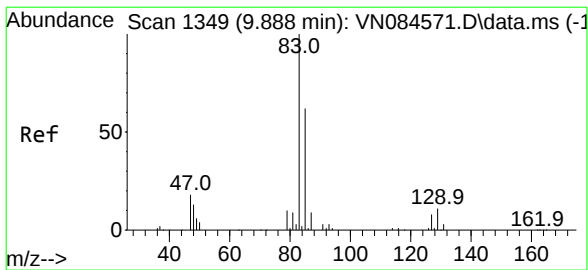
Ion Ratio Lower Upper

93 100

95 83.8 65.0 97.4

174 96.3 71.8 107.8





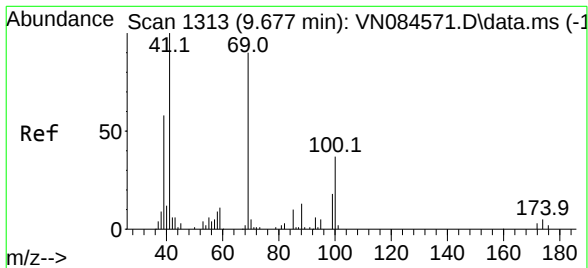
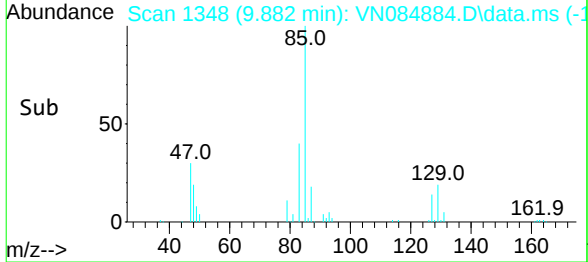
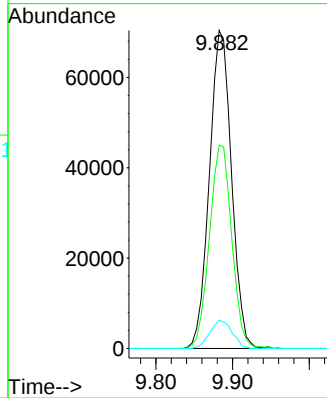
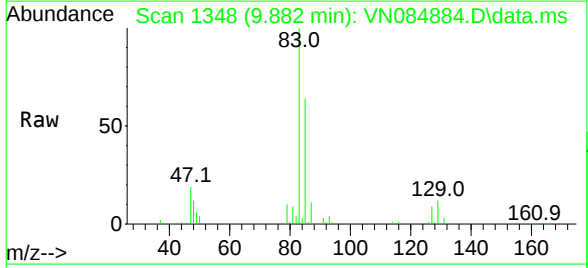
#47
Bromodichloromethane
Concen: 57.355 ug/l
RT: 9.882 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 141085
Ion Ratio Lower Upper
83 100
85 63.9 51.5 77.3
127 8.9 5.7 8.5#

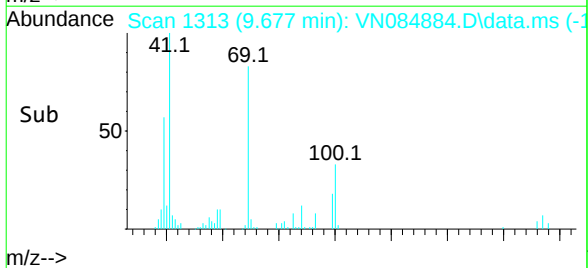
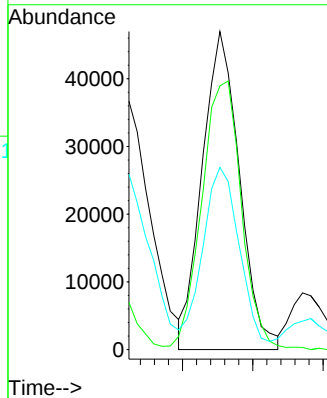
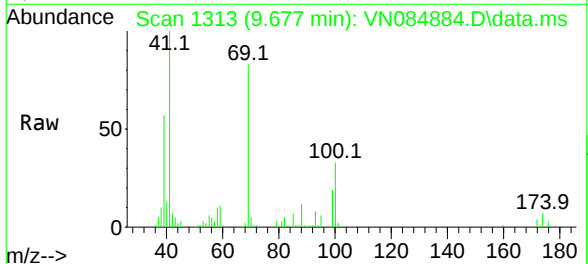
Manual Integrations
APPROVED

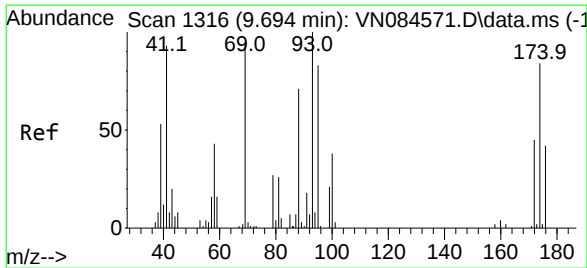
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#48
Methyl methacrylate
Concen: 55.834 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

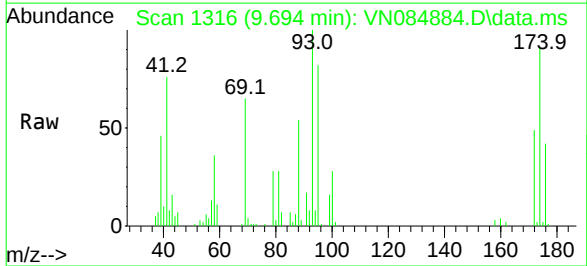
Tgt Ion: 41 Resp: 86548
Ion Ratio Lower Upper
41 100
69 90.2 67.1 100.7
39 56.7 45.8 68.6





#49
1,4-Dioxane
Concen: 1071.216 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

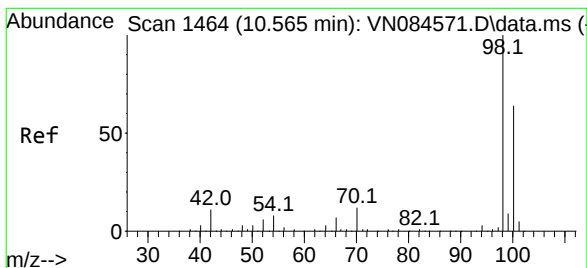
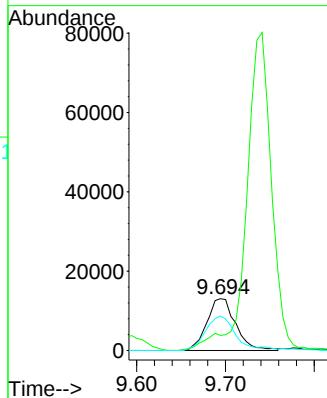
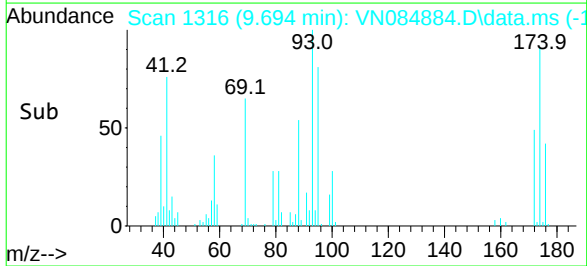
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 29425
Ion Ratio Lower Upper
88 100
43 0.0 25.3 37.9#
58 72.2 56.4 84.6

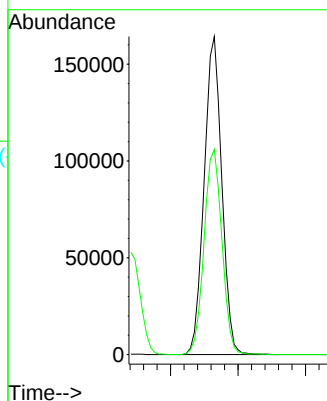
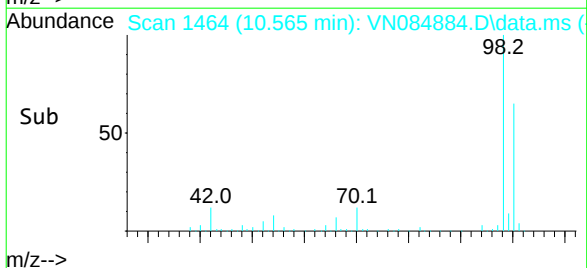
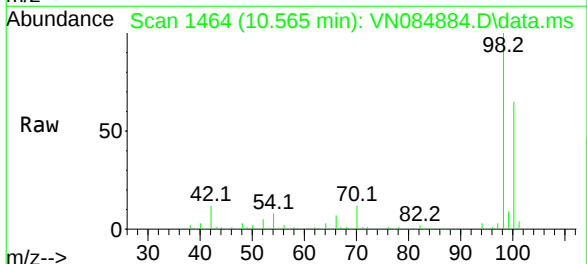
Manual Integrations
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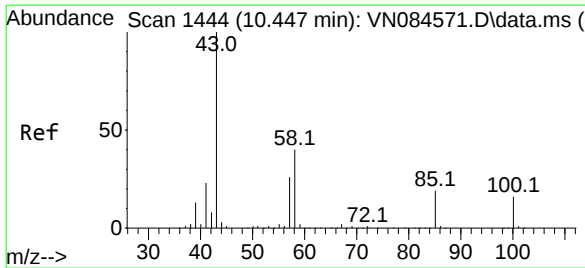
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#50
Toluene-d8
Concen: 51.130 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

Tgt Ion: 98 Resp: 298125
Ion Ratio Lower Upper
98 100
100 65.6 52.7 79.1





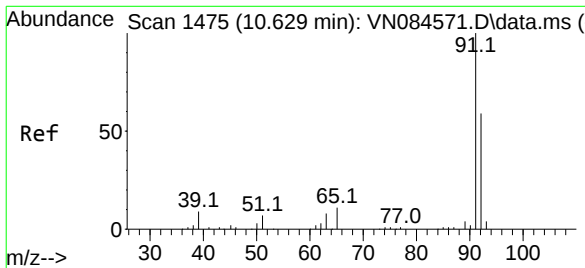
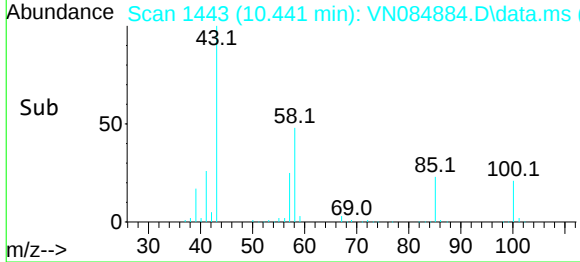
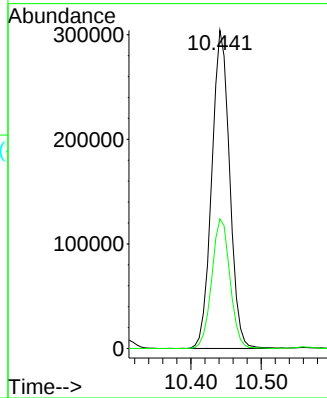
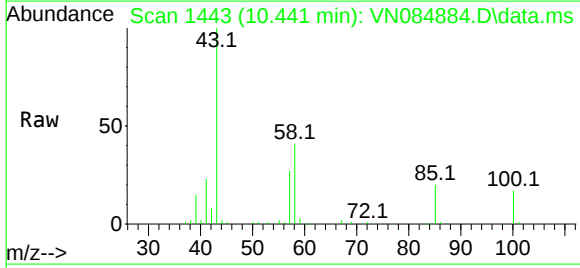
#51
4-Methyl-2-Pentanone
Concen: 283.555 ug/l
RT: 10.441 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 538388
Ion Ratio Lower Upper
43 100
58 41.4 31.6 47.4

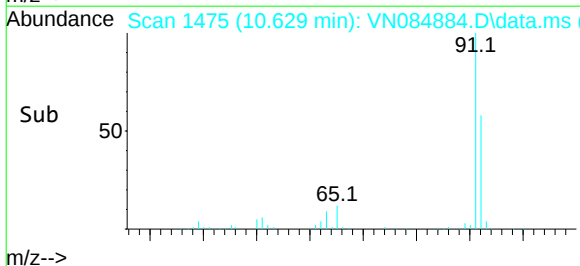
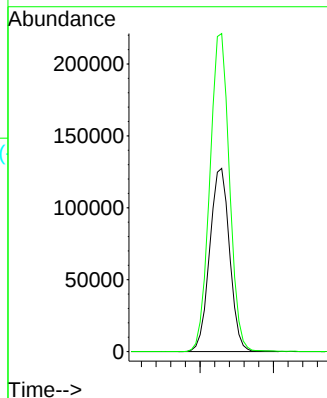
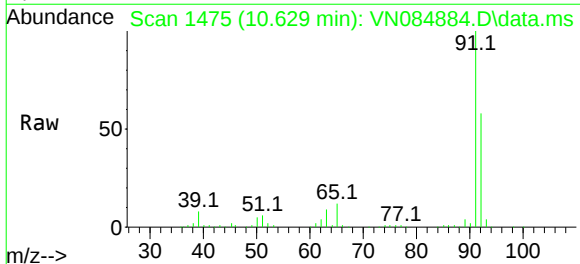
Manual Integrations
APPROVED

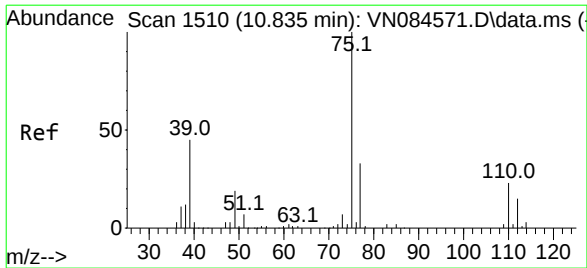
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#52
Toluene
Concen: 58.161 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

Tgt Ion: 92 Resp: 239806
Ion Ratio Lower Upper
92 100
91 171.8 137.3 205.9





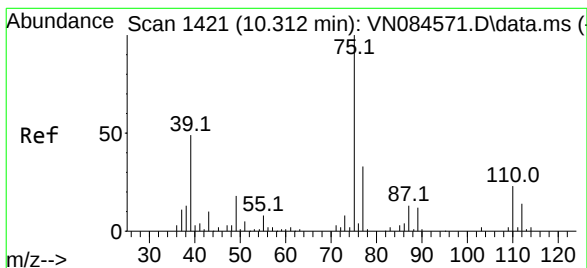
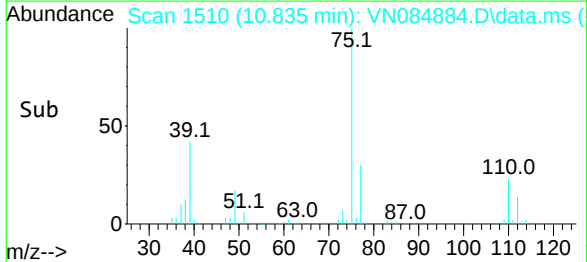
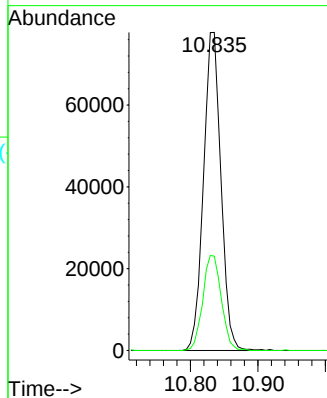
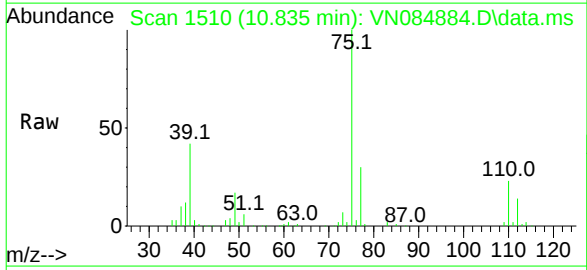
#53
t-1,3-Dichloropropene
Concen: 54.758 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 139427
Ion Ratio Lower Upper
75 100
77 29.7 25.4 38.0

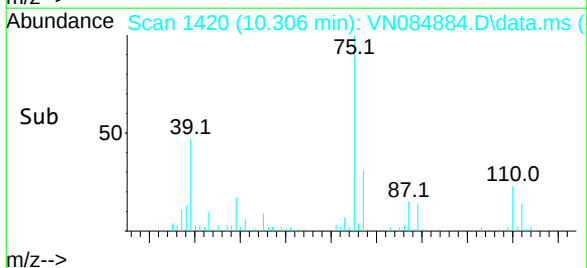
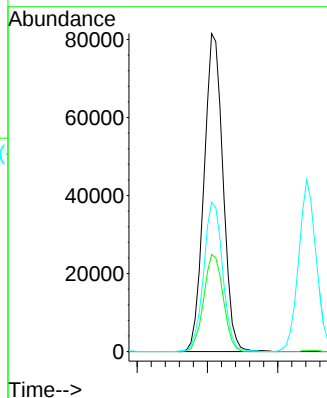
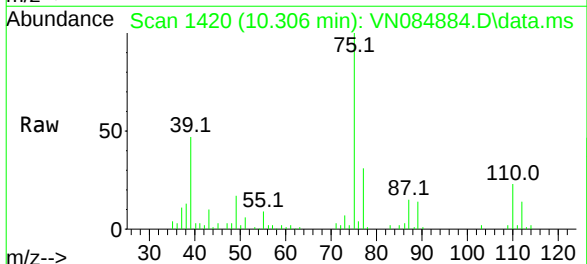
Manual Integrations
APPROVED

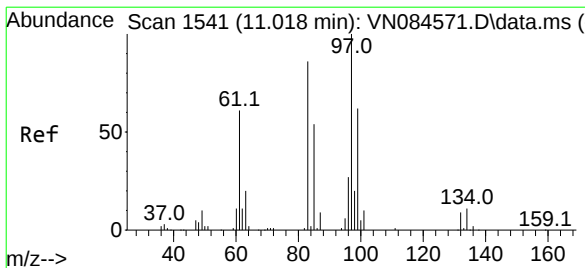
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#54
cis-1,3-Dichloropropene
Concen: 56.641 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.006 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

Tgt Ion: 75 Resp: 152643
Ion Ratio Lower Upper
75 100
77 30.5 24.2 36.2
39 46.8 38.7 58.1





#55

1,1,2-Trichloroethane

Concen: 57.678 ug/l

RT: 11.012 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN084884.D

Acq: 17 Nov 2024 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 89581

Ion Ratio Lower Upper

97 100

83 85.3 71.0 106.4

85 53.9 41.7 62.5

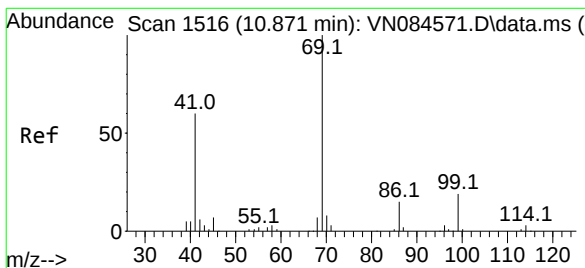
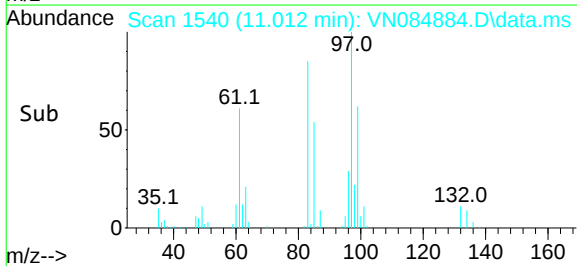
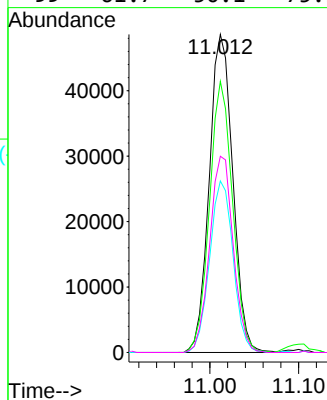
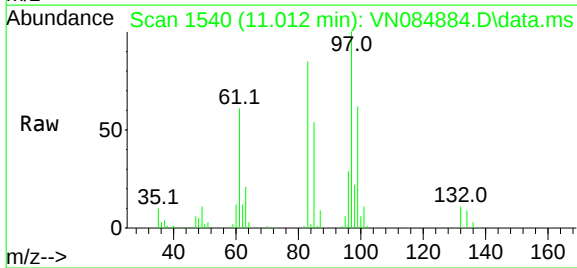
99 61.7 50.1 75.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2024

Supervised By :Mahesh Dadoda 11/18/2024



#56

Ethyl methacrylate

Concen: 60.488 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VN084884.D

Acq: 17 Nov 2024 10:27

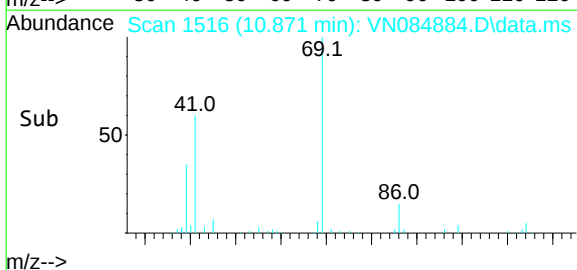
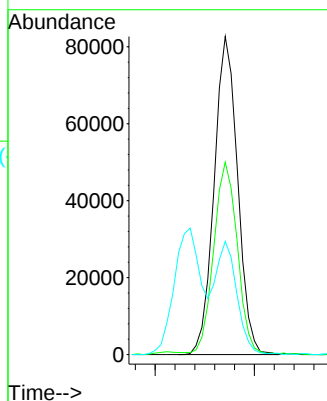
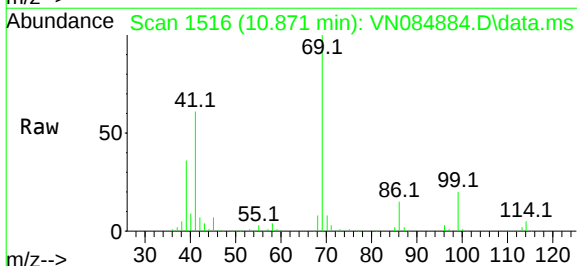
Tgt Ion: 69 Resp: 135889

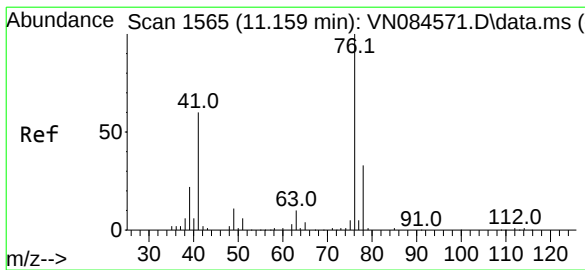
Ion Ratio Lower Upper

69 100

41 61.4 53.3 79.9

39 33.0 28.8 43.2





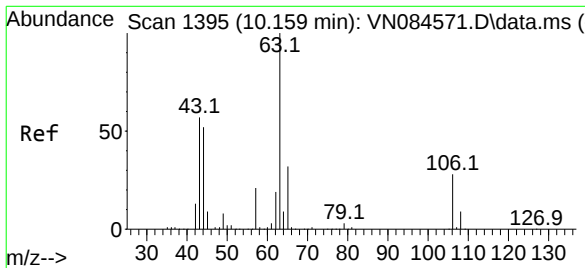
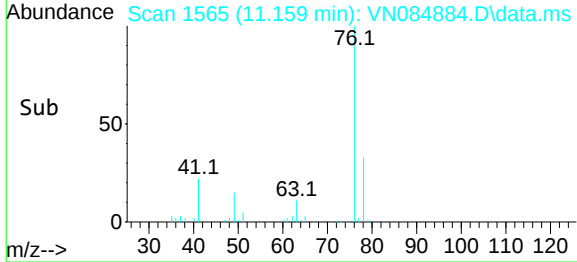
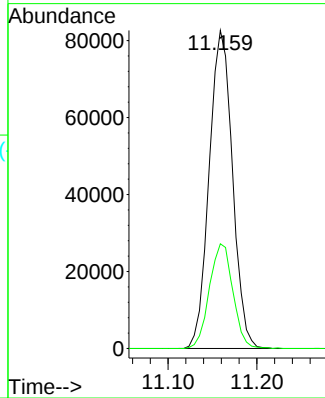
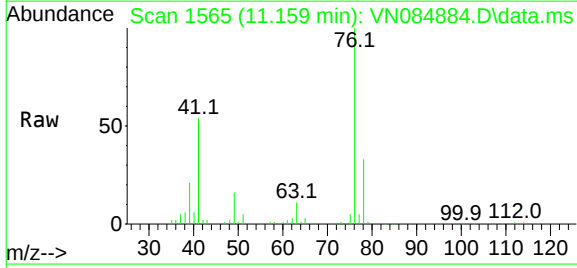
#57
1,3-Dichloropropane
Concen: 56.495 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 150590
Ion Ratio Lower Upper
76 100
78 33.2 25.8 38.6

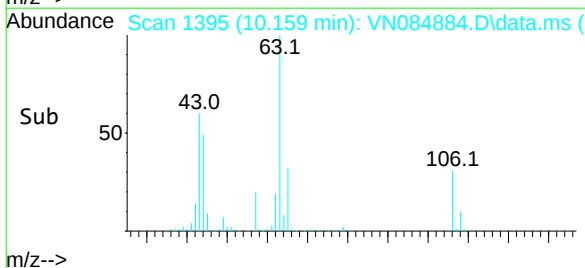
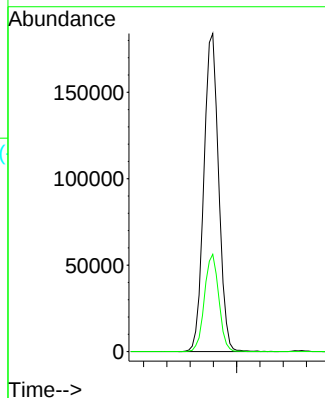
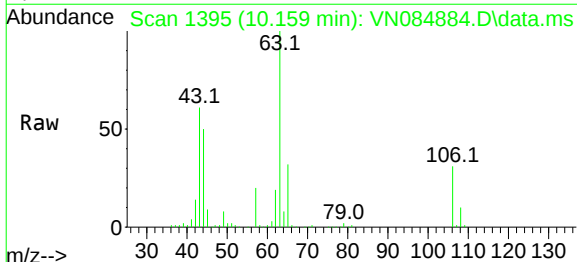
Manual Integrations
APPROVED

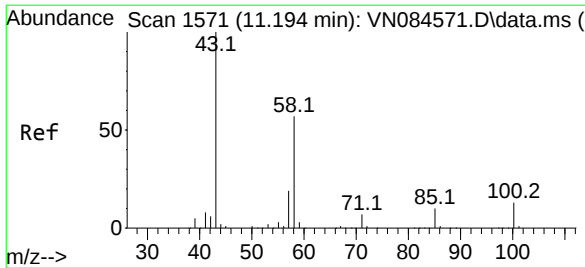
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#58
2-Chloroethyl Vinyl ether
Concen: 308.972 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

Tgt Ion: 63 Resp: 324802
Ion Ratio Lower Upper
63 100
106 29.7 21.8 32.6





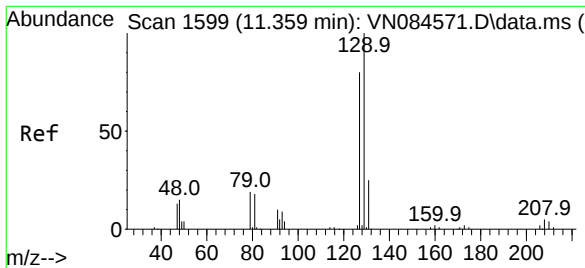
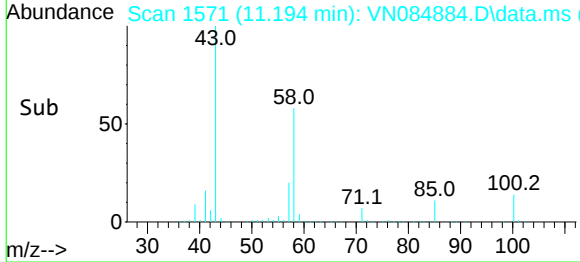
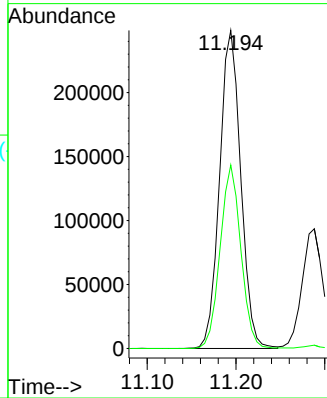
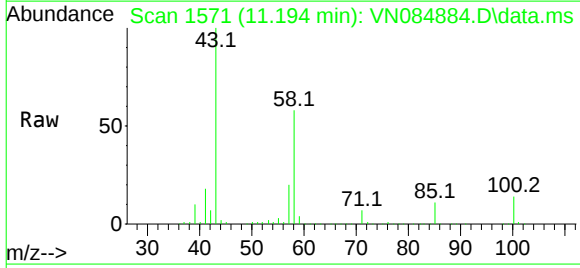
#59
2-Hexanone
Concen: 297.467 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 411111
Ion Ratio Lower Upper
43 100
58 56.6 27.3 81.8

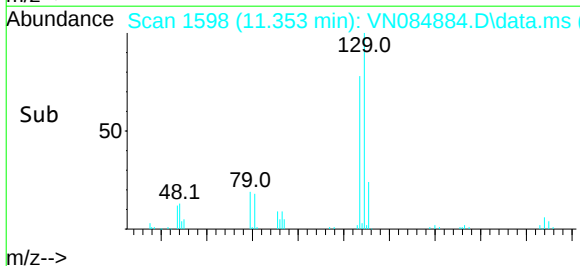
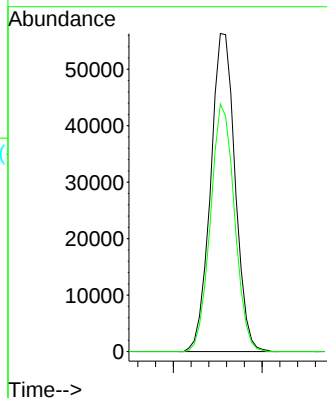
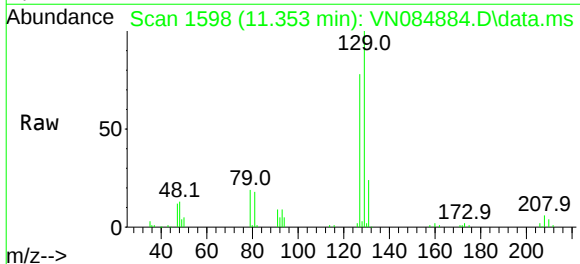
Manual Integrations
APPROVED

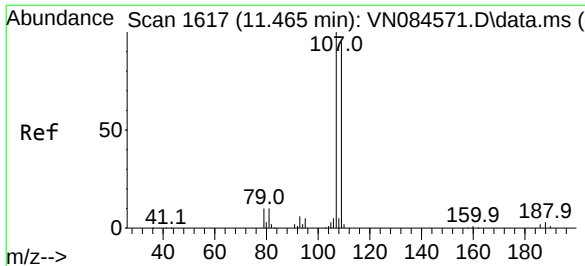
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#60
Dibromochloromethane
Concen: 60.967 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

Tgt Ion:129 Resp: 107918
Ion Ratio Lower Upper
129 100
127 76.2 38.3 114.9





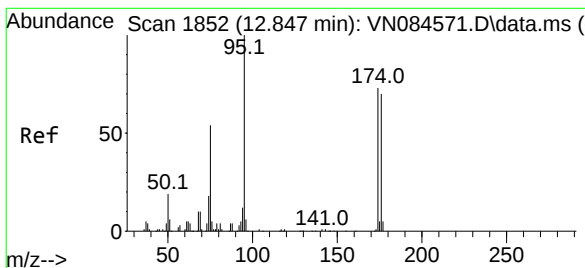
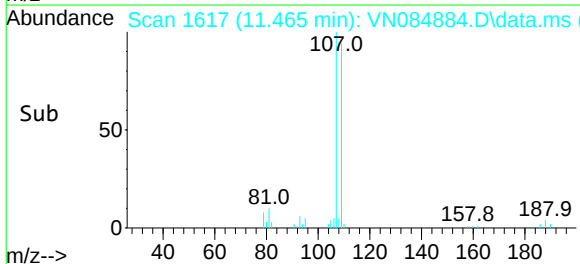
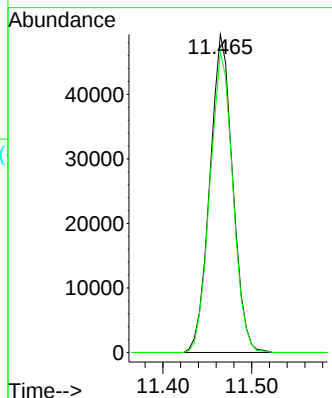
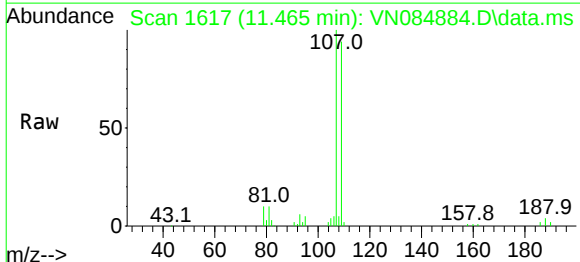
#61
1,2-Dibromoethane
Concen: 55.412 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 107 Resp: 88131
Ion Ratio Lower Upper
107 100
109 94.7 75.4 113.0

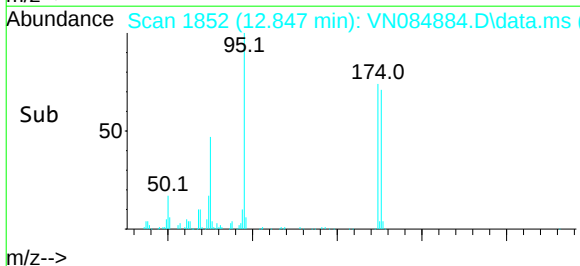
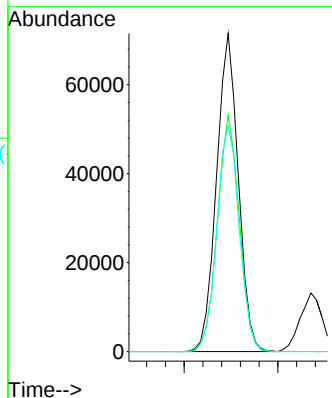
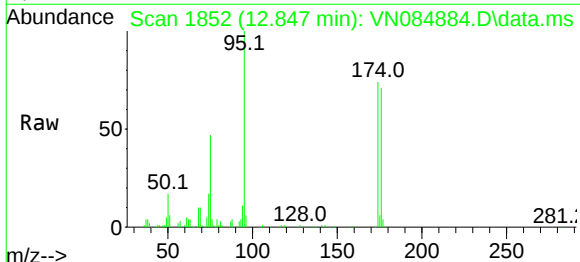
Manual Integrations
APPROVED

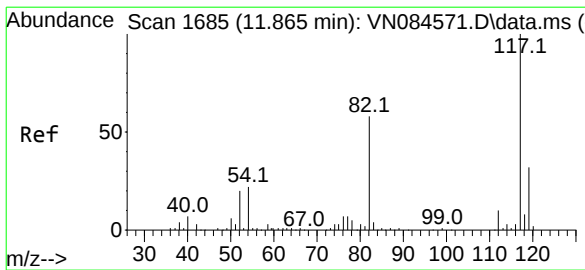
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#62
4-Bromofluorobenzene
Concen: 52.881 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

Tgt Ion: 95 Resp: 115235
Ion Ratio Lower Upper
95 100
174 75.0 0.0 145.2
176 73.4 0.0 140.0





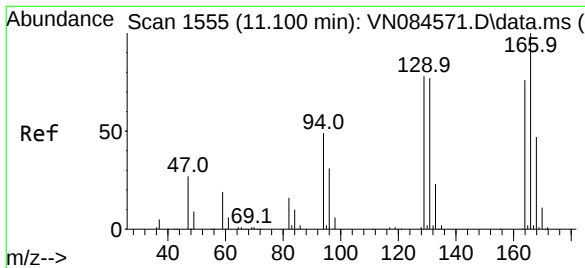
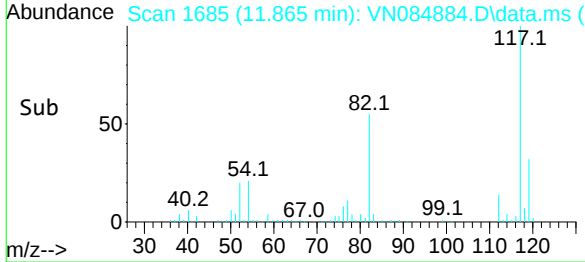
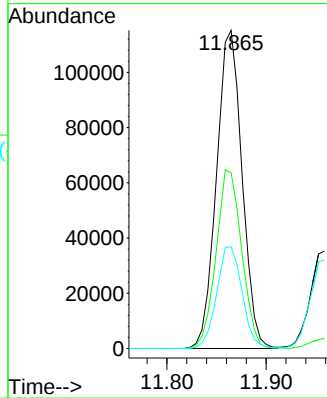
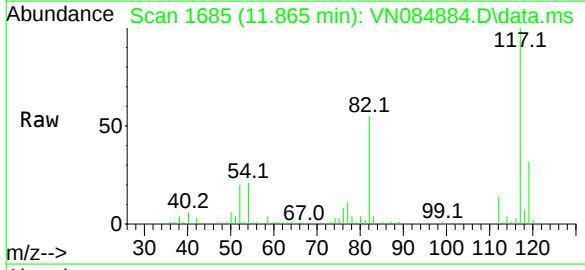
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 206028
Ion Ratio Lower Upper
117 100
82 55.3 47.2 70.8
119 32.0 25.4 38.0

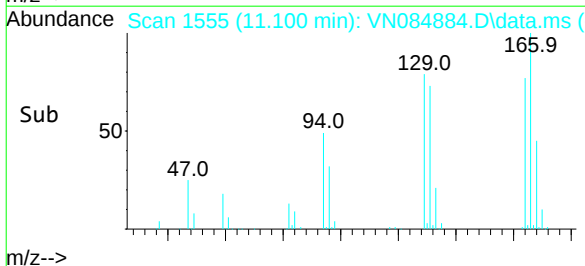
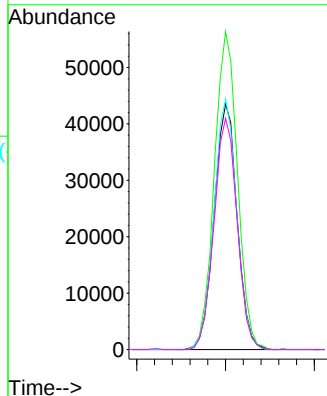
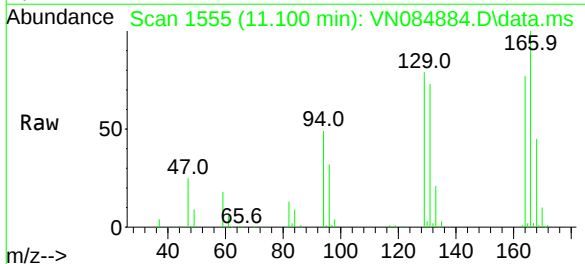
Manual Integrations
APPROVED

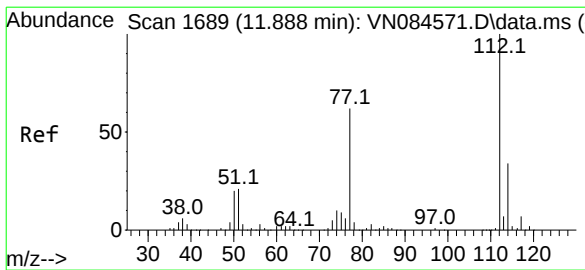
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#64
Tetrachloroethene
Concen: 57.166 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

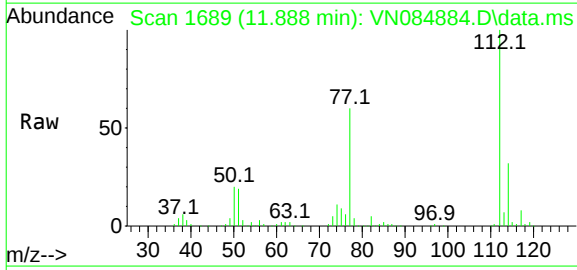
Tgt Ion:164 Resp: 78342
Ion Ratio Lower Upper
164 100
166 129.5 101.0 151.4
129 102.1 80.8 121.2
131 94.2 78.1 117.1





#65
Chlorobenzene
Concen: 54.214 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

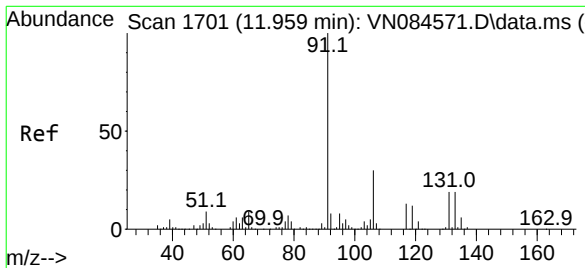
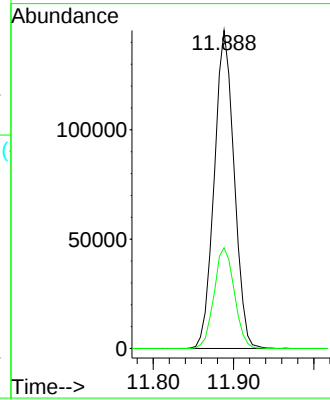
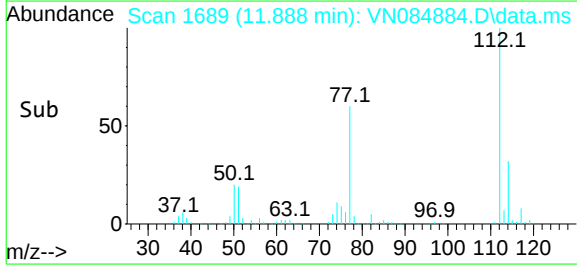
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 249886
Ion Ratio Lower Upper
112 100
114 31.7 27.0 40.6

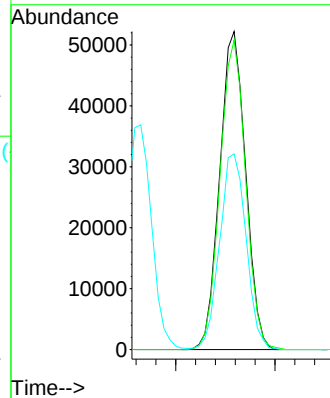
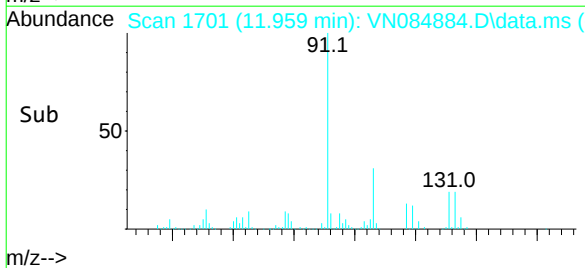
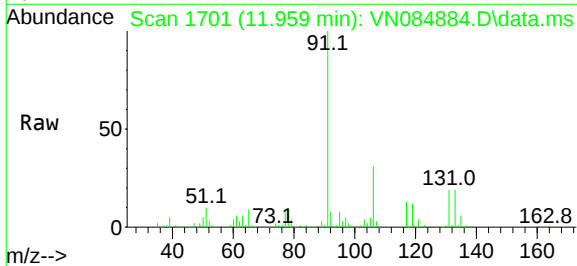
Manual Integrations
APPROVED

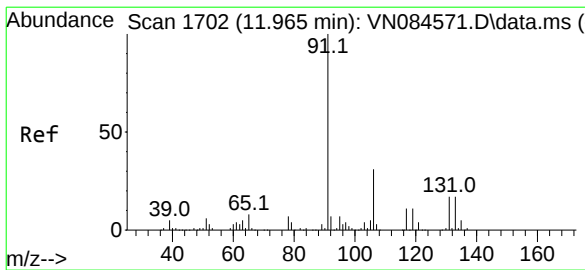
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 59.081 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

Tgt Ion:131 Resp: 94720
Ion Ratio Lower Upper
131 100
133 96.1 47.9 143.7
119 62.9 32.8 98.3





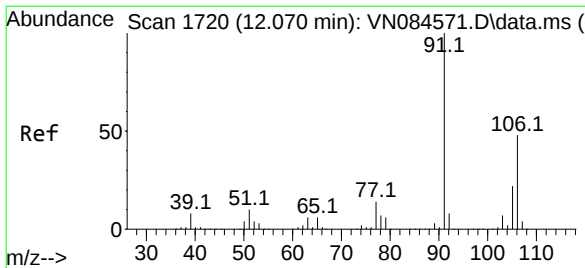
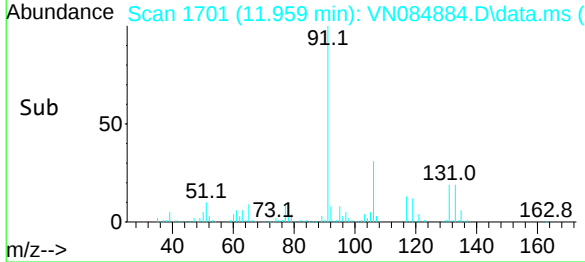
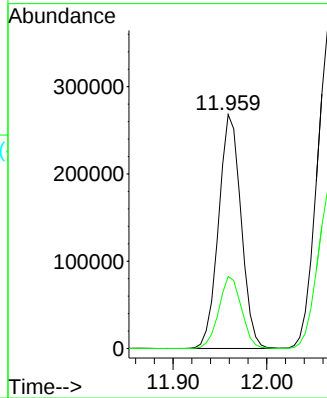
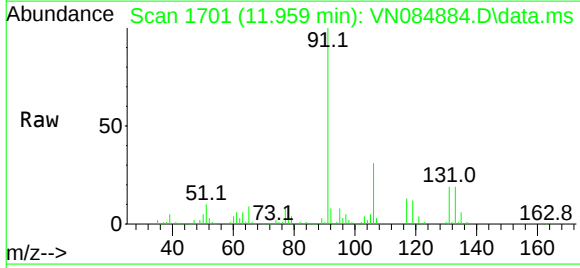
#67
Ethyl Benzene
Concen: 58.194 ug/l
RT: 11.959 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 447730
Ion Ratio Lower Upper
91 100
106 30.8 24.5 36.7

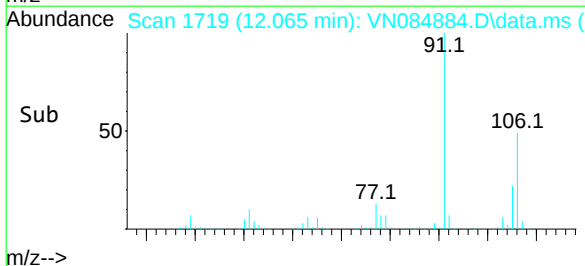
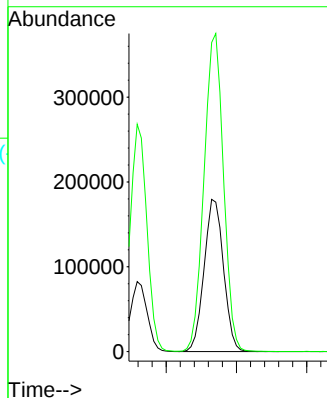
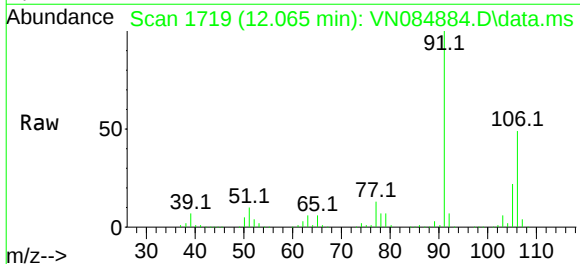
Manual Integrations
APPROVED

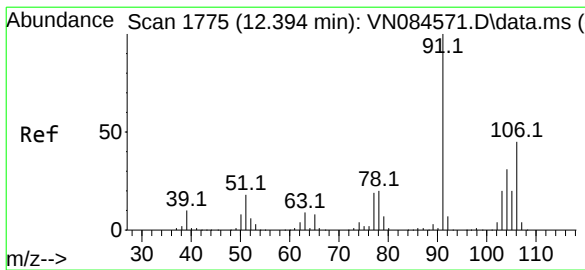
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#68
m/p-Xylenes
Concen: 118.244 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

Tgt Ion:106 Resp: 344419
Ion Ratio Lower Upper
106 100
91 209.8 167.1 250.7





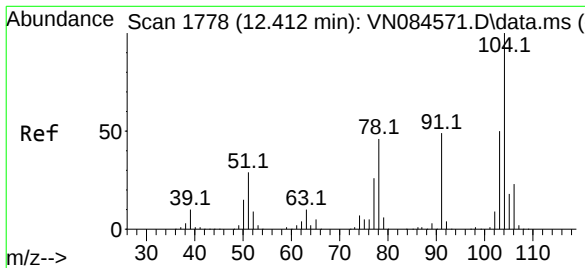
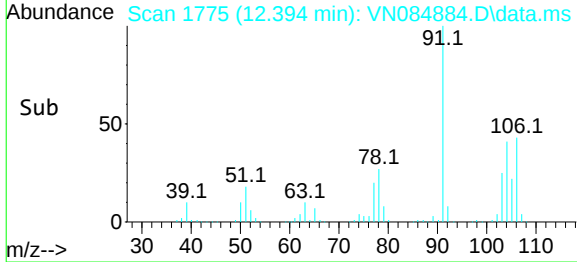
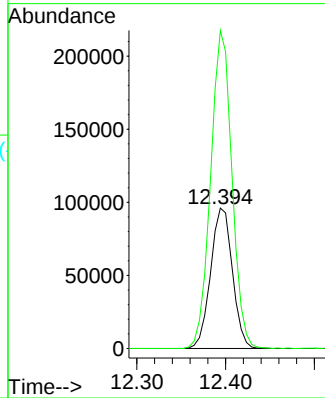
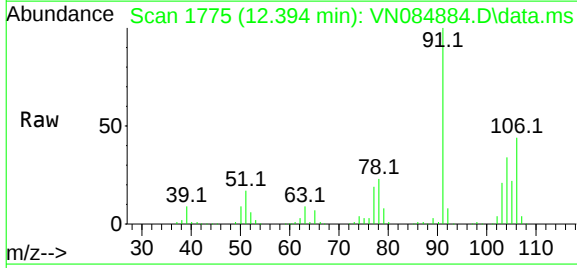
#69
o-Xylene
Concen: 60.076 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 163698
Ion Ratio Lower Upper
106 100
91 221.6 110.2 330.6

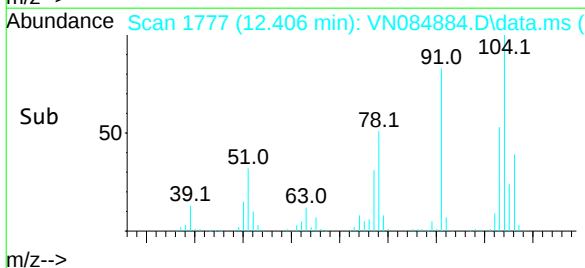
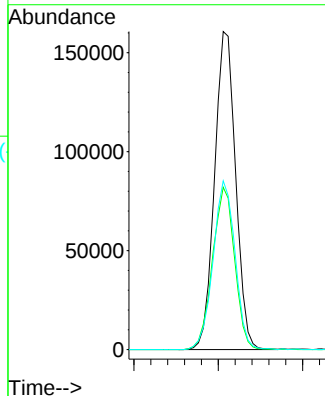
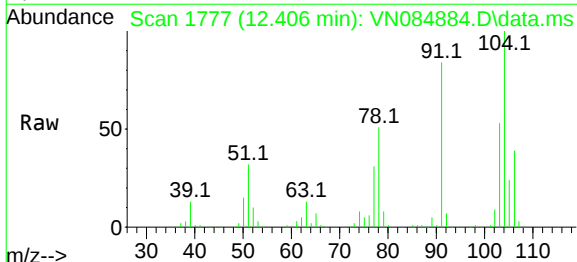
Manual Integrations
APPROVED

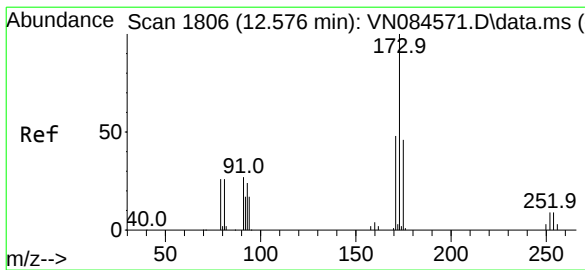
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#70
Styrene
Concen: 58.658 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

Tgt Ion:104 Resp: 278820
Ion Ratio Lower Upper
104 100
78 53.5 42.7 64.1
103 55.4 43.6 65.4





#71

Bromoform

Concen: 59.870 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN084884.D

Acq: 17 Nov 2024 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

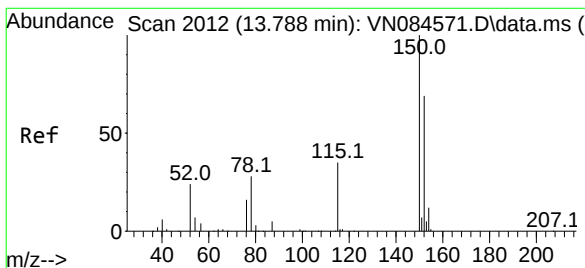
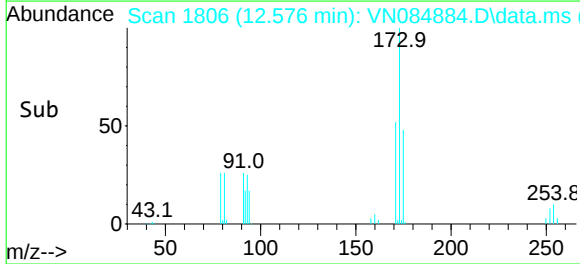
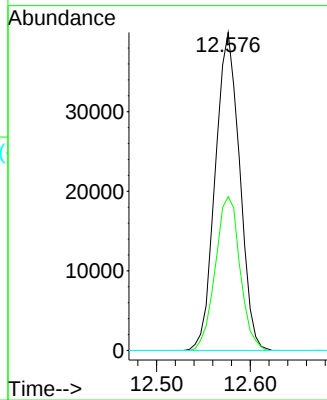
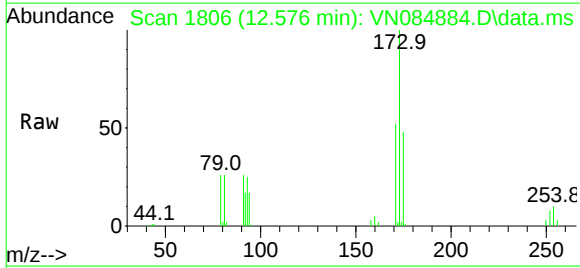
Tgt Ion:	173	Resp:	72226
Ion Ratio	Lower	Upper	
173	100		
175	49.0	23.5	70.6
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2024

Supervised By :Mahesh Dadoda 11/18/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

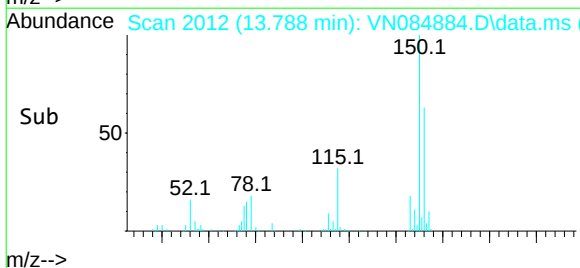
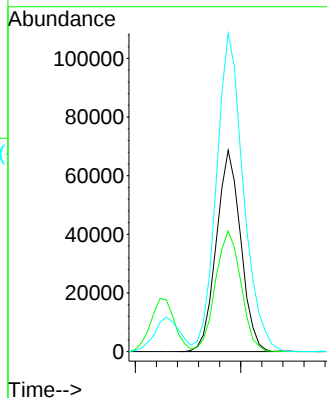
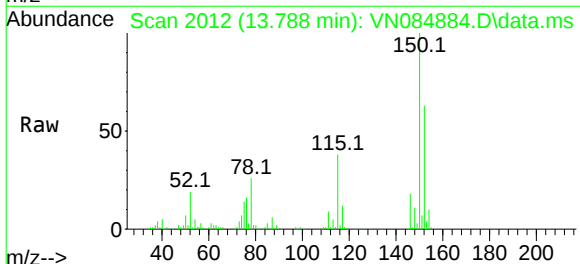
RT: 13.788 min Scan# 2012

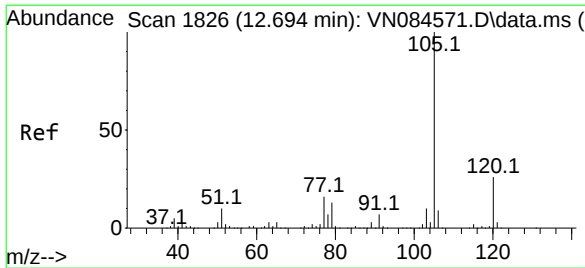
Delta R.T. 0.000 min

Lab File: VN084884.D

Acq: 17 Nov 2024 10:27

Tgt Ion:	152	Resp:	110342
Ion Ratio	Lower	Upper	
152	100		
115	62.6	31.3	93.9
150	175.2	0.0	349.8





#73

Isopropylbenzene

Concen: 55.067 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN084884.D

Acq: 17 Nov 2024 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 425803

Ion Ratio Lower Upper

105 100

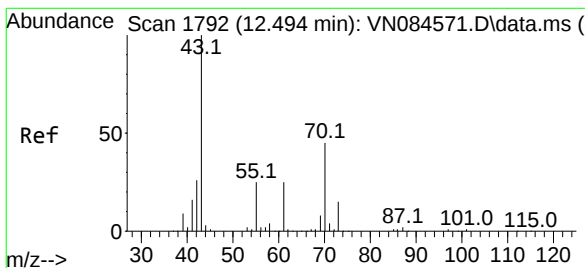
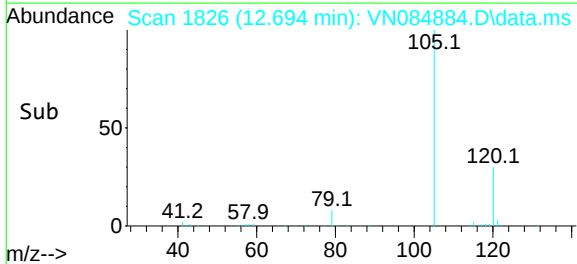
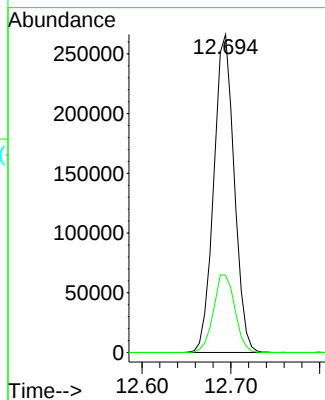
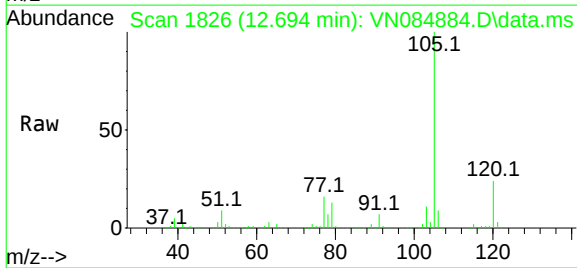
120 25.6 12.9 38.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2024

Supervised By :Mahesh Dadoda 11/18/2024



#74

N-ethyl acetate

Concen: 49.163 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN084884.D

Acq: 17 Nov 2024 10:27

Tgt Ion: 43 Resp: 161800

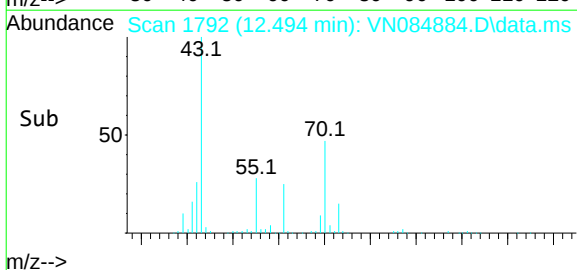
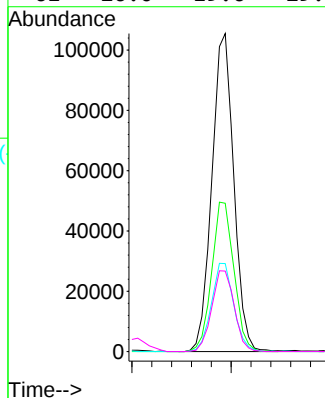
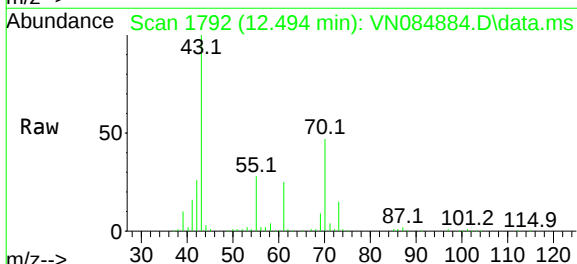
Ion Ratio Lower Upper

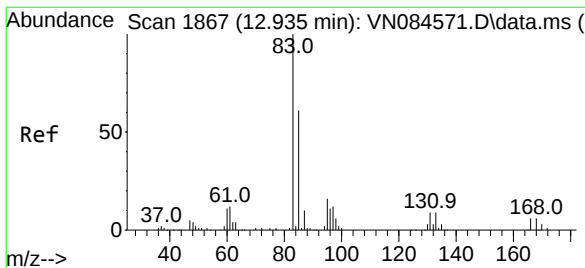
43 100

70 47.5 34.4 51.6

55 28.2 19.6 29.4

61 26.0 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 49.228 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VN084884.D

Acq: 17 Nov 2024 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

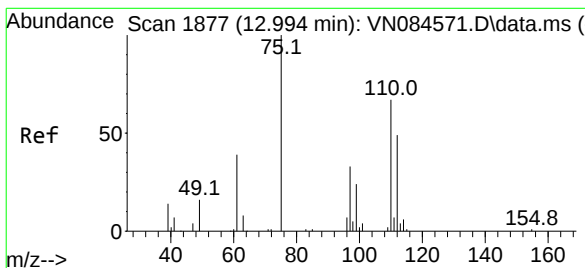
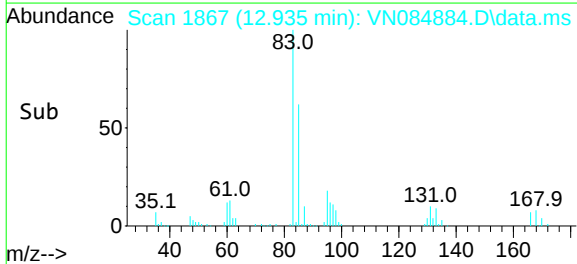
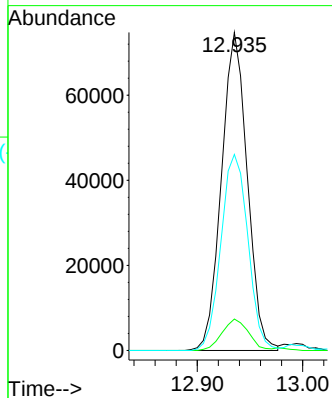
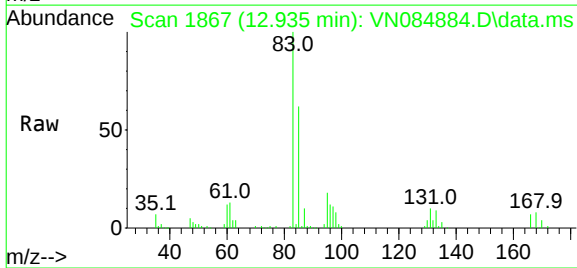
Tgt Ion:	83	Resp:	127059
Ion	Ratio	Lower	Upper
83	100		
131	10.2	4.9	14.7
85	64.5	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2024

Supervised By :Mahesh Dadoda 11/18/2024



#76

1,2,3-Trichloropropane

Concen: 48.581 ug/l m

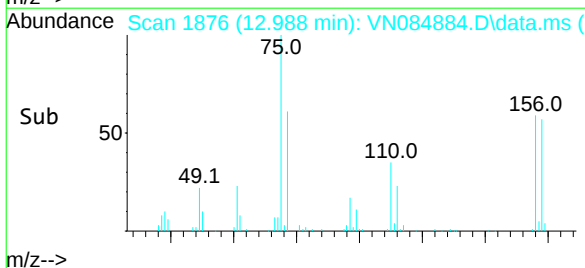
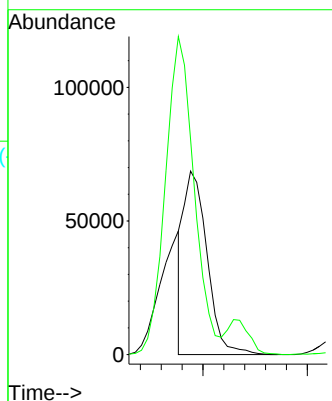
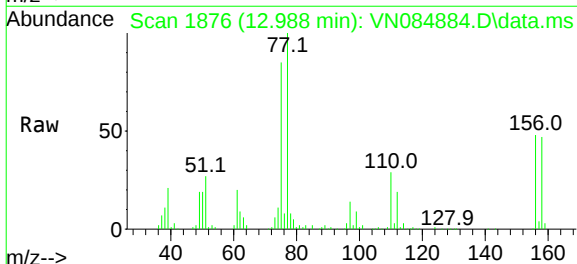
RT: 12.988 min Scan# 1876

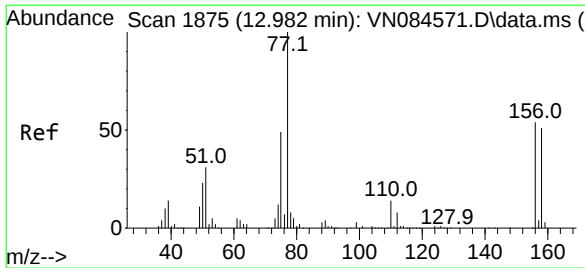
Delta R.T. 0.000 min

Lab File: VN084884.D

Acq: 17 Nov 2024 10:27

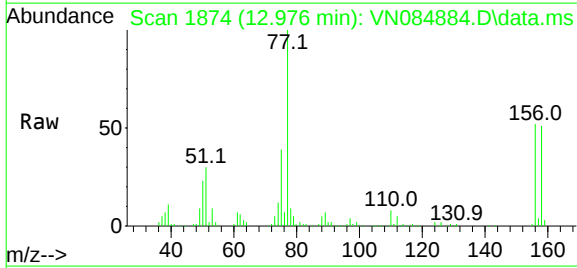
Tgt Ion:	75	Resp:	107155
Ion	Ratio	Lower	Upper
75	100		
77	213.3	96.9	290.7





#77
Bromobenzene
Concen: 50.578 ug/l
RT: 12.976 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

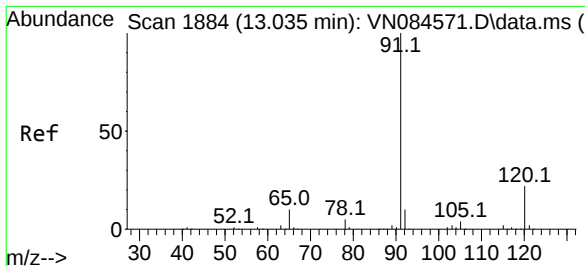
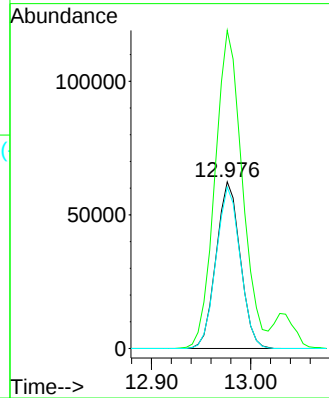
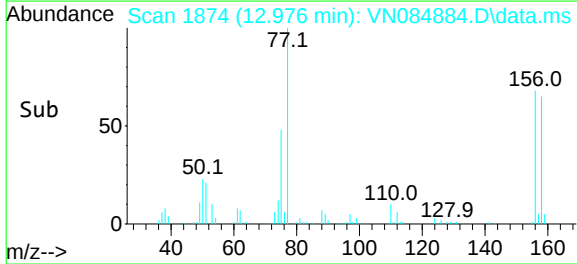
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 156 Resp: 105138
Ion Ratio Lower Upper
156 100
77 217.4 115.1 345.3
158 97.3 48.9 146.8

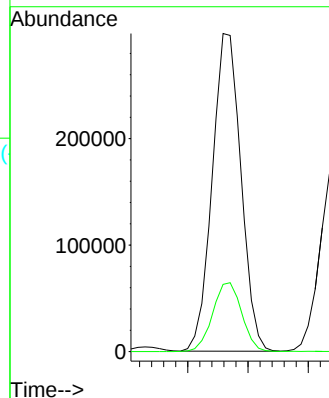
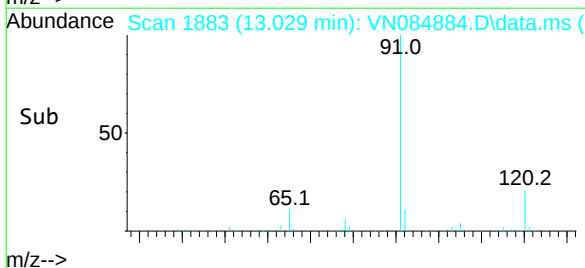
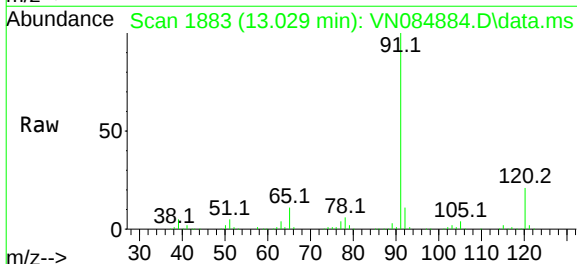
Manual Integrations
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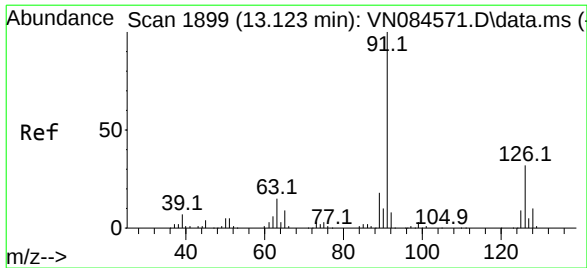
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#78
n-propylbenzene
Concen: 54.586 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

Tgt Ion: 91 Resp: 494615
Ion Ratio Lower Upper
91 100
120 22.0 10.8 32.4





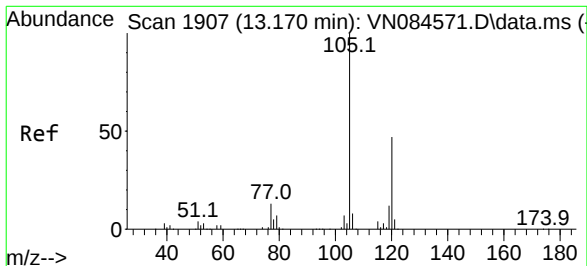
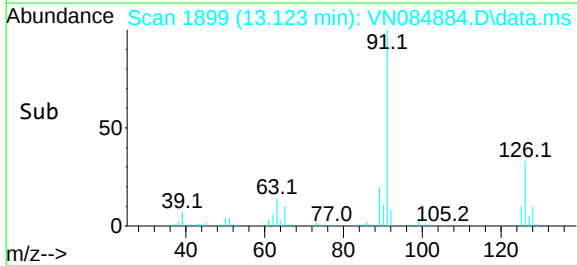
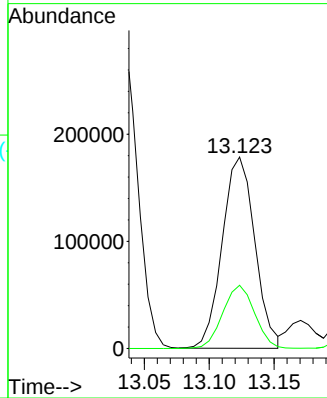
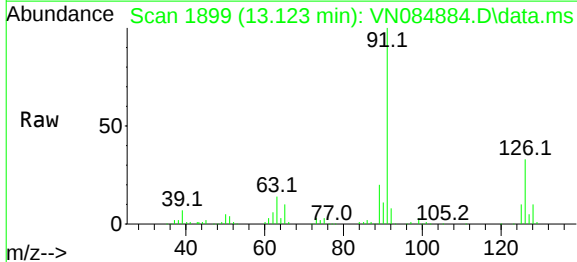
#79
2-Chlorotoluene
Concen: 52.777 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 312472
Ion Ratio Lower Upper
91 100
126 32.3 15.7 47.1

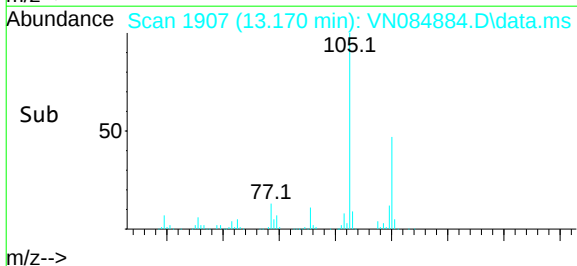
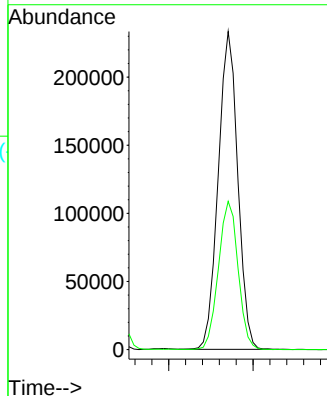
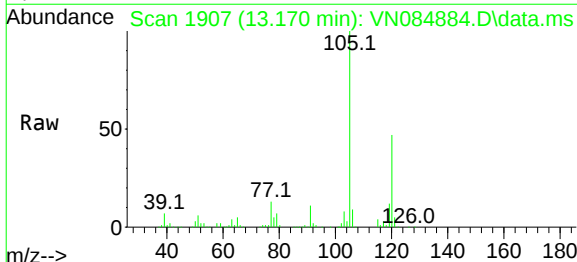
Manual Integrations
APPROVED

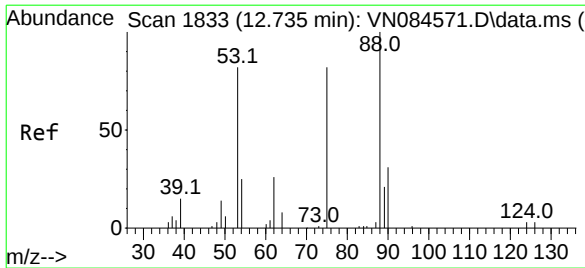
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#80
1,3,5-Trimethylbenzene
Concen: 58.547 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

Tgt Ion:105 Resp: 375218
Ion Ratio Lower Upper
105 100
120 46.9 23.7 71.1





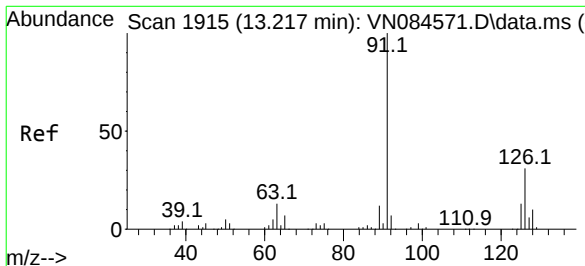
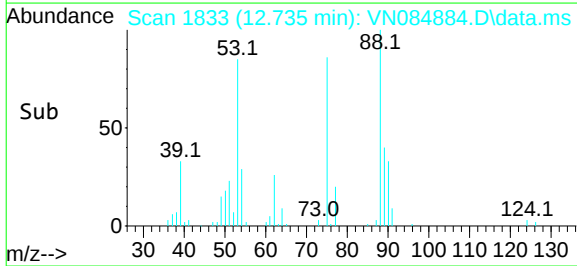
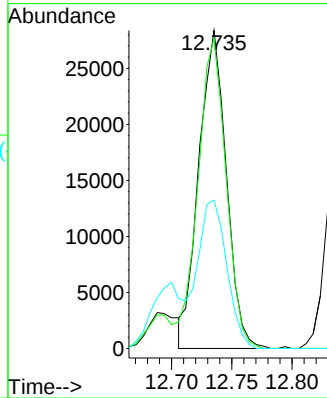
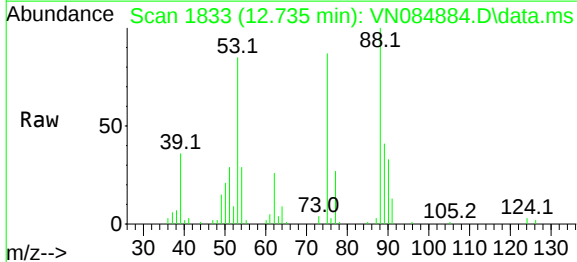
#81
trans-1,4-Dichloro-2-butene
Concen: 48.541 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 45130
Ion Ratio Lower Upper
75 100
53 100.5 78.0 117.0
89 48.8 35.5 53.3

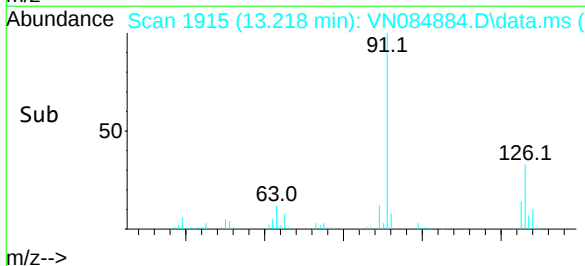
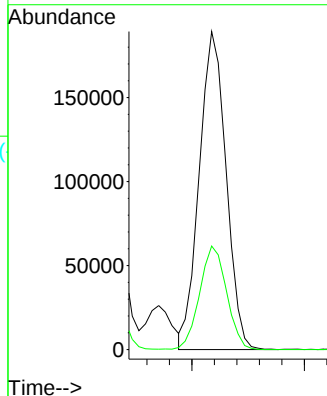
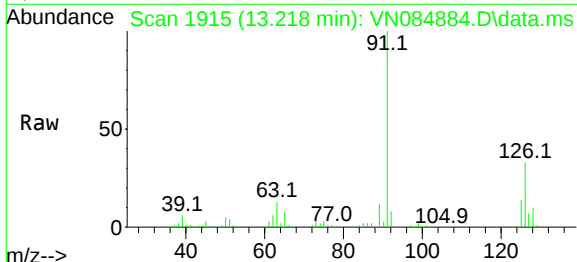
Manual Integrations
APPROVED

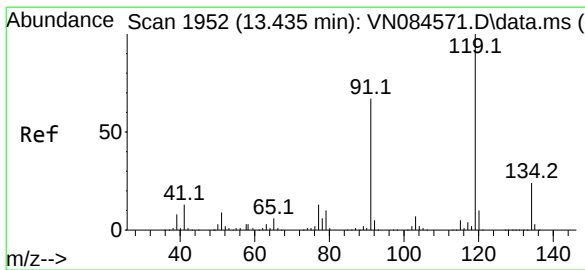
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#82
4-Chlorotoluene
Concen: 50.394 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

Tgt Ion: 91 Resp: 313997
Ion Ratio Lower Upper
91 100
126 32.7 15.7 47.1





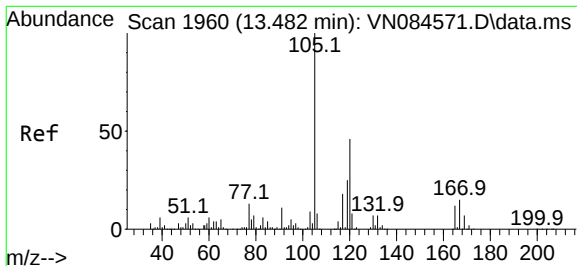
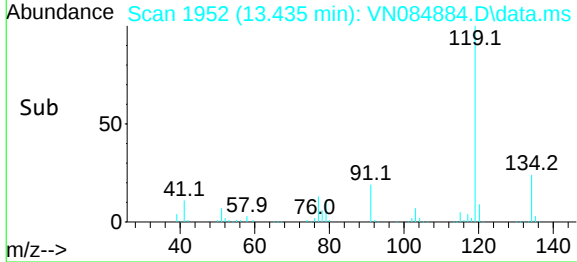
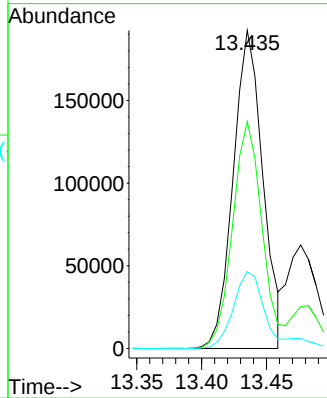
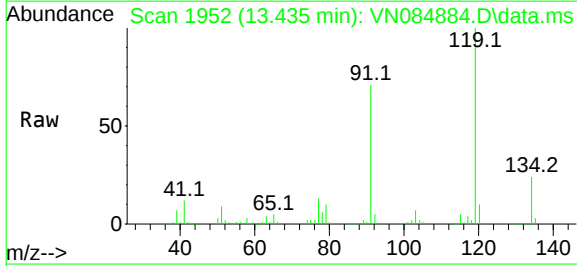
#83
tert-Butylbenzene
Concen: 57.713 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 306116
Ion Ratio Lower Upper
119 100
91 71.5 34.1 102.3
134 27.2 12.8 38.4

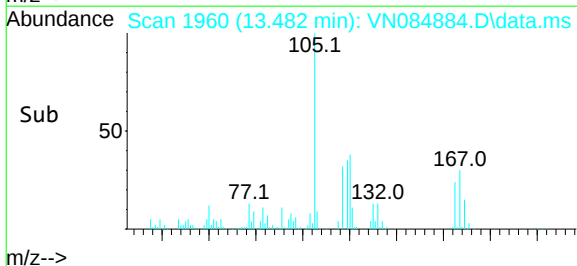
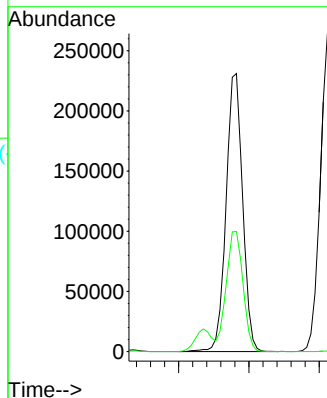
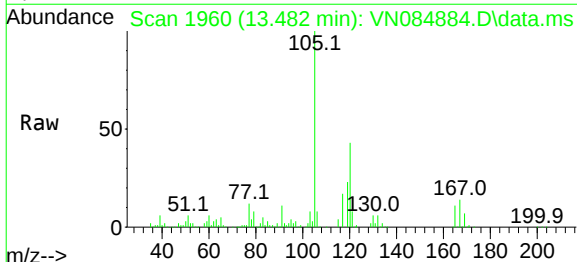
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#84
1,2,4-Trimethylbenzene
Concen: 56.979 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

Tgt Ion:105 Resp: 376891
Ion Ratio Lower Upper
105 100
120 43.9 22.3 66.8





#85

sec-Butylbenzene

Concen: 56.730 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. -0.006 min

Lab File: VN084884.D

Acq: 17 Nov 2024 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 425039

Ion Ratio Lower Upper

105 100

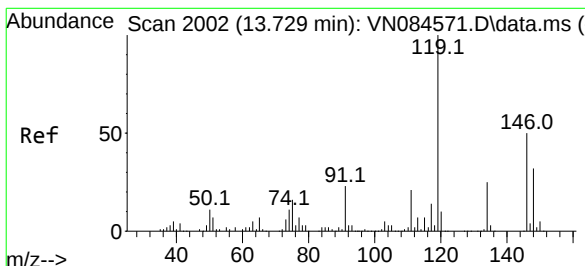
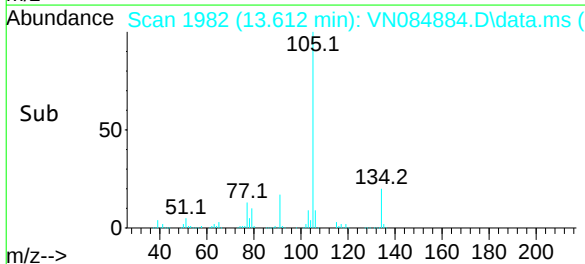
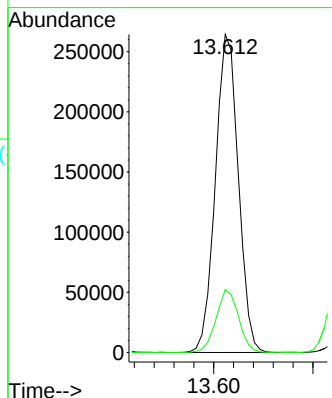
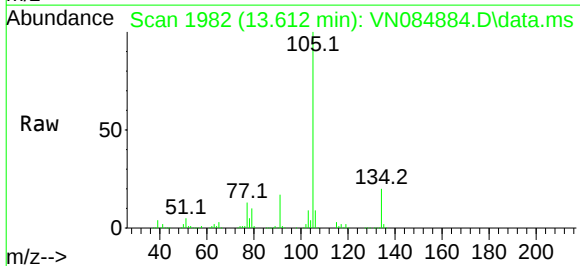
134 19.3 9.8 29.4

Manual Integrations

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Reviewed By :John Carlone 11/18/2024

Supervised By :Mahesh Dadoda 11/18/2024



#86

p-Isopropyltoluene

Concen: 59.302 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084884.D

Acq: 17 Nov 2024 10:27

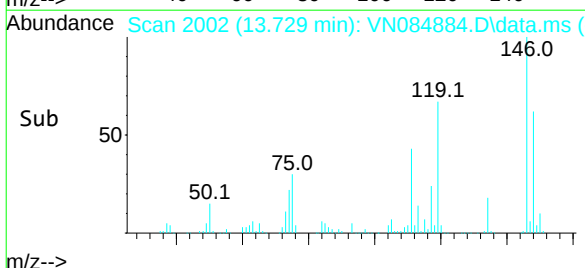
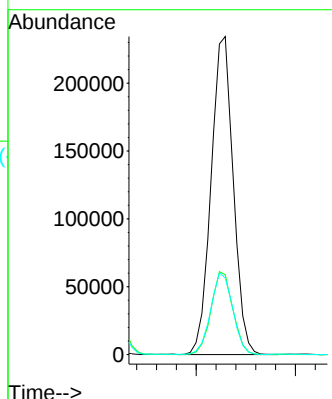
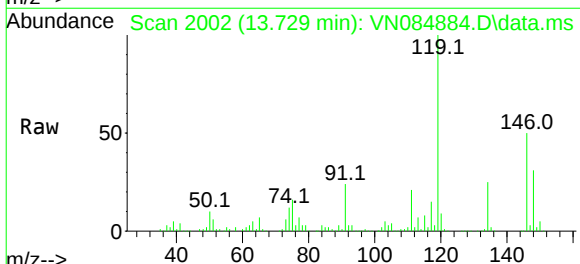
Tgt Ion:119 Resp: 364391

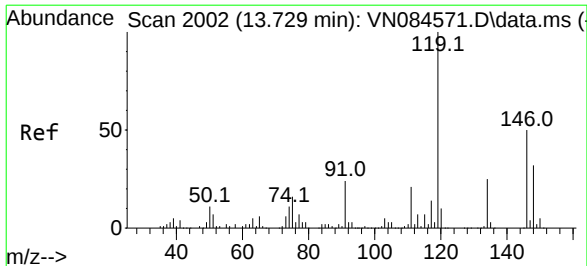
Ion Ratio Lower Upper

119 100

134 25.6 12.6 37.8

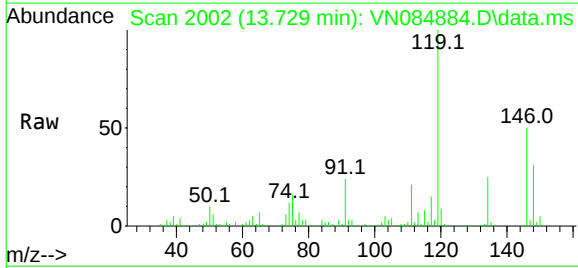
91 25.6 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 47.871 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

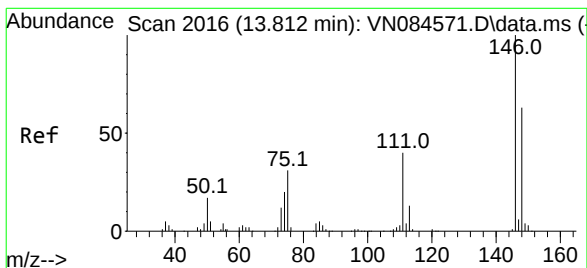
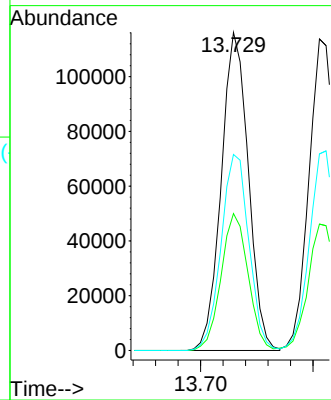
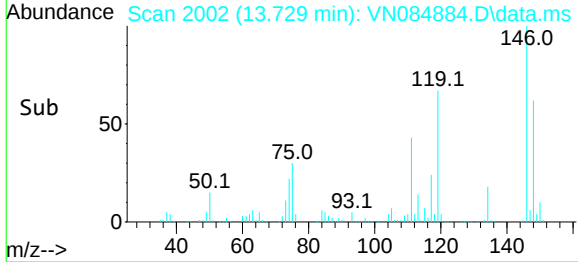
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



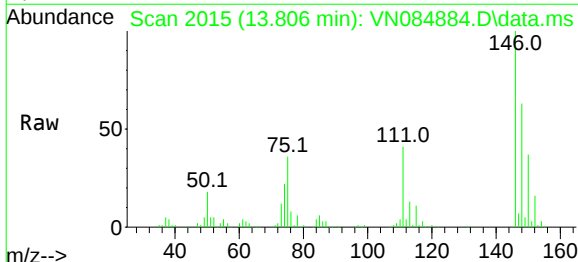
Tgt Ion:146 Resp: 194204
Ion Ratio Lower Upper
146 100
111 43.0 21.8 65.3
148 63.5 31.9 95.7

Manual Integrations
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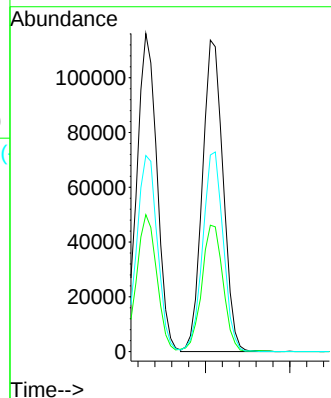
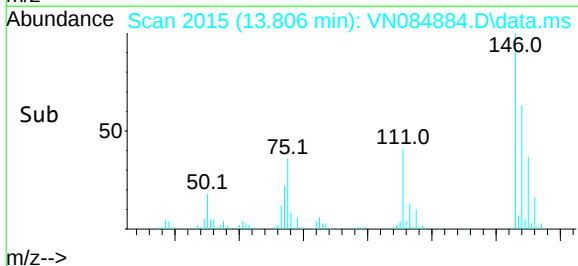
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024

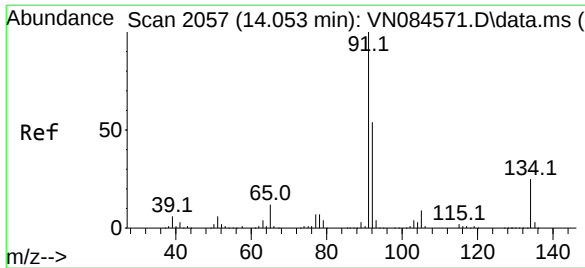


#88
1,4-Dichlorobenzene
Concen: 52.363 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27



Tgt Ion:146 Resp: 194472
Ion Ratio Lower Upper
146 100
111 41.3 21.2 63.6
148 63.4 31.9 95.9





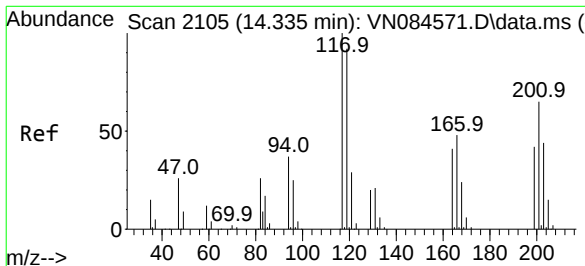
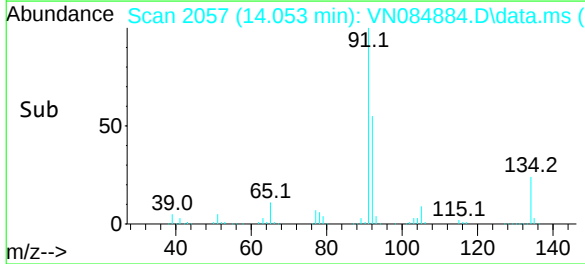
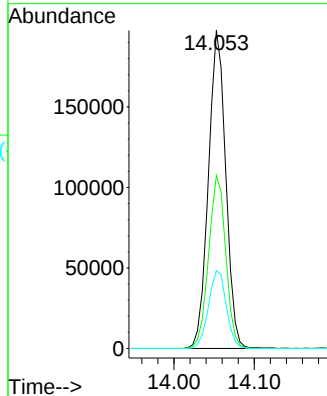
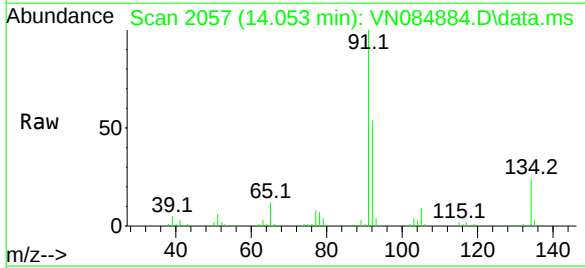
#89
n-Butylbenzene
Concen: 51.538 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 296231
Ion Ratio Lower Upper
91 100
92 53.7 26.6 79.7
134 25.1 12.3 36.9

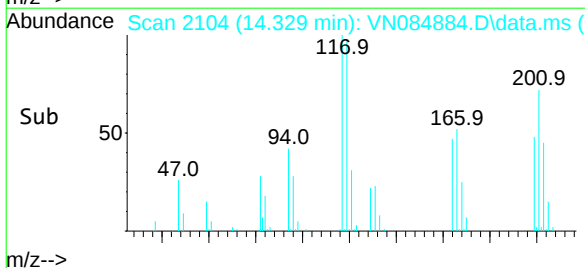
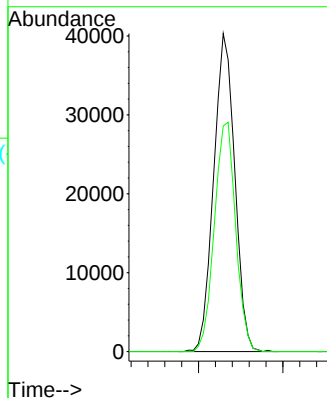
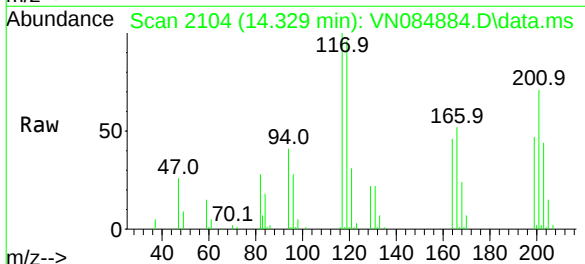
Manual Integrations
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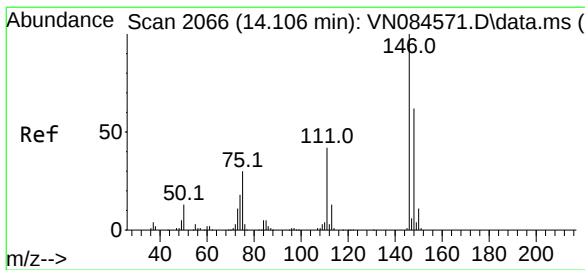
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#90
Hexachloroethane
Concen: 51.106 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

Tgt Ion:117 Resp: 70031
Ion Ratio Lower Upper
117 100
201 72.7 34.4 103.2





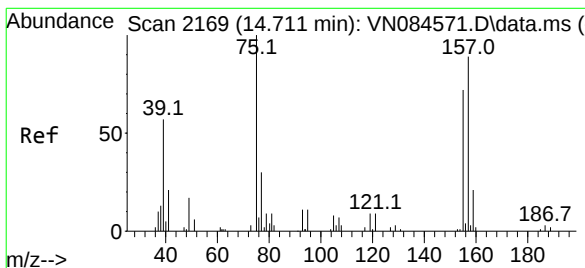
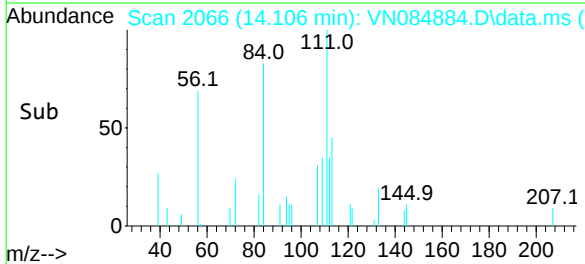
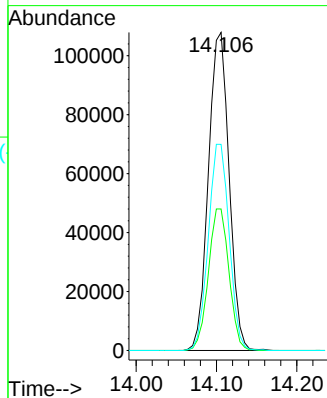
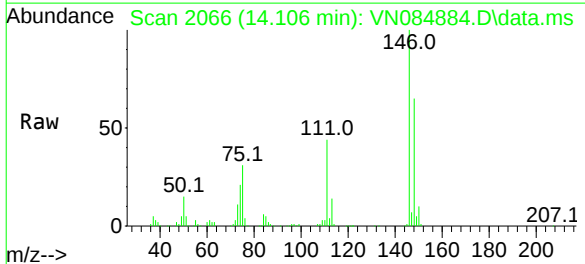
#91
1,2-Dichlorobenzene
Concen: 49.464 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 192828
Ion Ratio Lower Upper
146 100
111 44.4 22.0 66.0
148 65.4 32.1 96.3

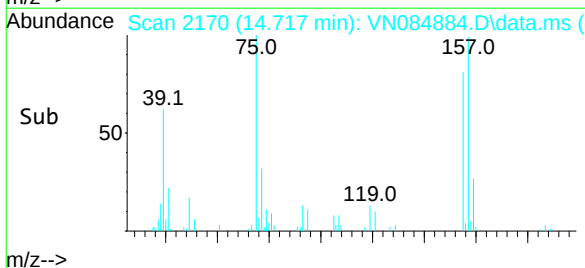
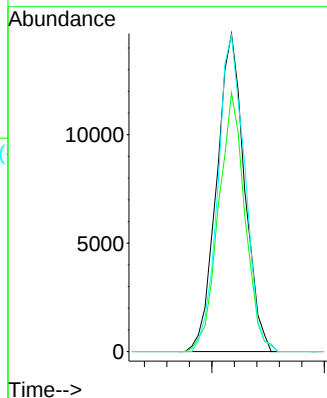
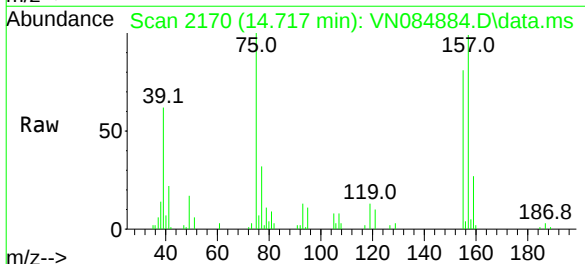
Manual Integrations
APPROVED

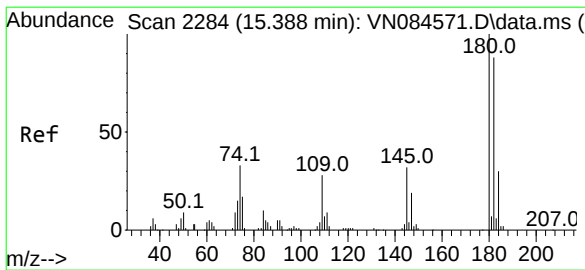
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.992 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN084884.D
Acq: 17 Nov 2024 10:27

Tgt Ion: 75 Resp: 25094
Ion Ratio Lower Upper
75 100
155 77.5 38.1 114.5
157 96.2 49.6 149.0





#93

1,2,4-Trichlorobenzene

Concen: 44.613 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. -0.000 min

Lab File: VN084884.D

Acq: 17 Nov 2024 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

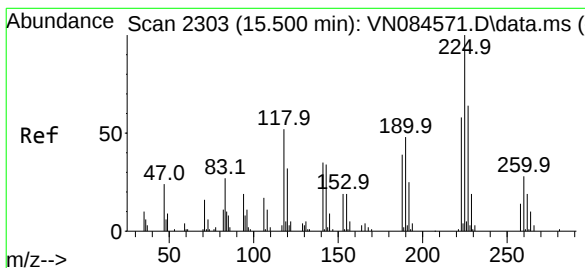
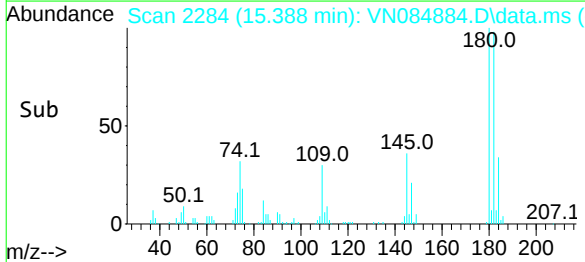
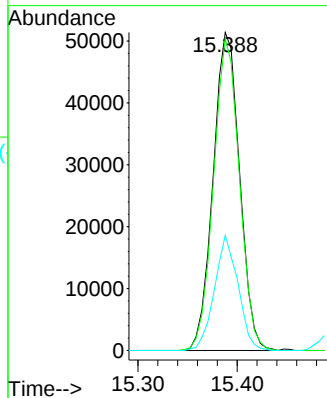
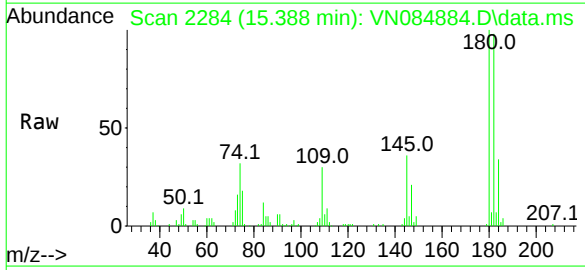
Tgt Ion:	180	Resp:	95193
Ion Ratio	Lower	Upper	
180	100		
182	95.8	47.0	141.0
145	32.3	16.4	49.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2024

Supervised By :Mahesh Dadoda 11/18/2024



#94

Hexachlorobutadiene

Concen: 49.852 ug/l

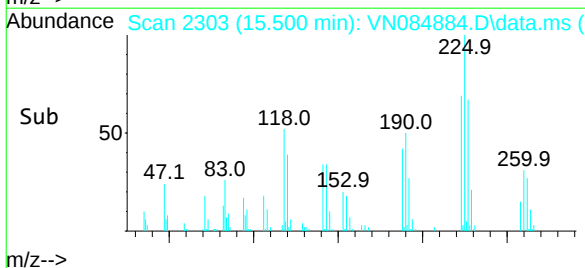
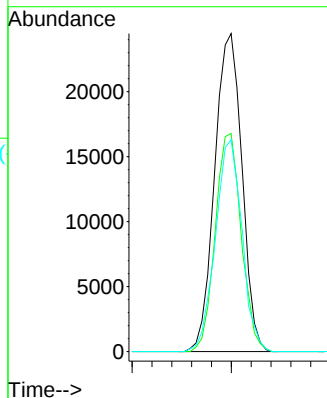
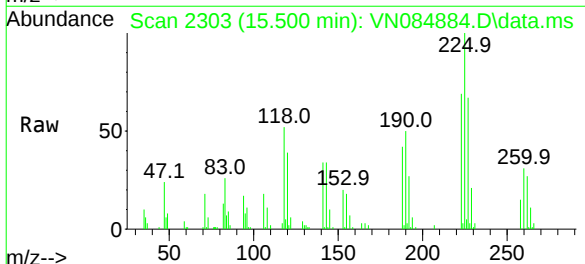
RT: 15.500 min Scan# 2303

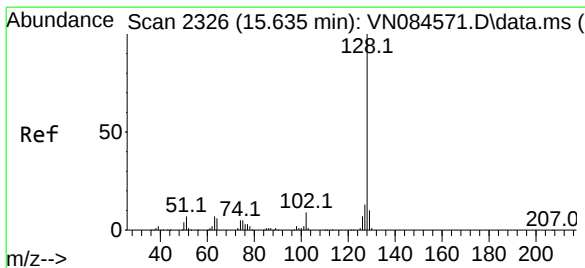
Delta R.T. -0.000 min

Lab File: VN084884.D

Acq: 17 Nov 2024 10:27

Tgt Ion:	225	Resp:	46712
Ion Ratio	Lower	Upper	
225	100		
223	65.3	32.4	97.2
227	64.8	32.4	97.0





#95

Naphthalene

Concen: 46.460 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. 0.000 min

Lab File: VN084884.D

Acq: 17 Nov 2024 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

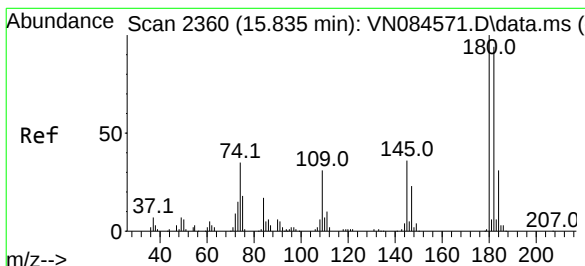
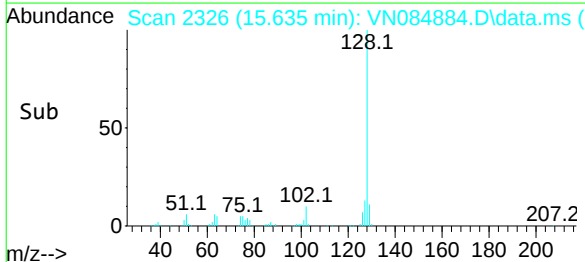
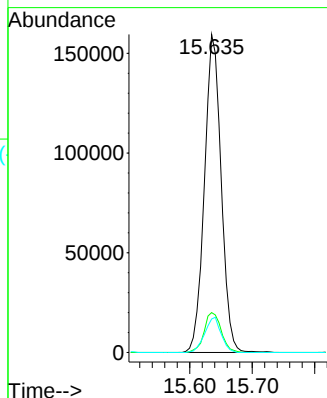
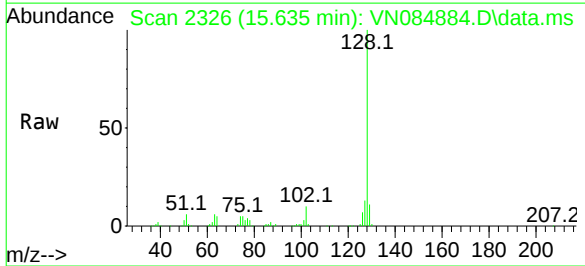
Tgt Ion:	128	Resp:	296724
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.5	15.7
129	10.8	8.7	13.1

Manual Integrations

APPROVED

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#96

1,2,3-Trichlorobenzene

Concen: 46.798 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN084884.D

Acq: 17 Nov 2024 10:27

Tgt Ion:	180	Resp:	96931
Ion Ratio	Lower	Upper	
180	100		
182	94.5	48.2	144.6
145	34.2	17.3	51.9

