

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111824\
 Data File : VN084911.D
 Acq On : 18 Nov 2024 09:51
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 19 00:22:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/19/2024
 Supervised By : Mahesh Dadoda 11/19/2024

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	168638	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	277153	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	245519	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	120987	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.571	65	122943	50.475	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.960%	
35) Dibromofluoromethane	8.165	113	96367	51.369	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.740%	
50) Toluene-d8	10.565	98	345790	50.038	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.080%	
62) 4-Bromofluorobenzene	12.847	95	127896	49.520	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 99.040%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.118	85	94140	48.560	ug/l	97
3) Chloromethane	2.359	50	106397	46.601	ug/l	98
4) Vinyl Chloride	2.512	62	103437	49.608	ug/l	97
5) Bromomethane	2.901	94	56086	50.768	ug/l	98
6) Chloroethane	3.065	64	69564	54.008	ug/l	98
7) Trichlorofluoromethane	3.465	101	176382	51.352	ug/l	97
8) Diethyl Ether	3.953	74	63015	52.008	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.359	101	102681	52.906	ug/l	99
10) Methyl Iodide	4.577	142	135583	52.270	ug/l	94
11) Tert butyl alcohol	5.542	59	79448	247.112	ug/l #	88
12) 1,1-Dichloroethene	4.324	96	93815	48.851	ug/l	96
13) Acrolein	4.171	56	77585	242.002	ug/l	98
14) Allyl chloride	5.012	41	156216	50.158	ug/l	93
15) Acrylonitrile	5.712	53	254739	273.694	ug/l	99
16) Acetone	4.424	43	217186	309.363	ug/l	100
17) Carbon Disulfide	4.695	76	257155	43.482	ug/l	99
18) Methyl Acetate	5.018	43	133018	51.908	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	321920	54.690	ug/l	99
20) Methylene Chloride	5.271	84	108903	50.836	ug/l	89
21) trans-1,2-Dichloroethene	5.777	96	97942	49.667	ug/l	96
22) Diisopropyl ether	6.671	45	336088	54.309	ug/l	98
23) Vinyl Acetate	6.594	43	1199542	281.078	ug/l	100
24) 1,1-Dichloroethane	6.559	63	194999	52.484	ug/l	98
25) 2-Butanone	7.483	43	337139	296.690	ug/l	99
26) 2,2-Dichloropropane	7.483	77	181782	56.214	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	122088	53.023	ug/l	96
28) Bromochloromethane	7.806	49	83372	56.322	ug/l	95
29) Tetrahydrofuran	7.836	42	215923	286.423	ug/l	96
30) Chloroform	7.959	83	201727	53.344	ug/l	96
31) Cyclohexane	8.253	56	161905	48.147	ug/l	98
32) 1,1,1-Trichloroethane	8.159	97	184581	53.627	ug/l	98
36) 1,1-Dichloropropene	8.365	75	135635	52.132	ug/l	99
37) Ethyl Acetate	7.559	43	135552	57.424	ug/l	98
38) Carbon Tetrachloride	8.359	117	158591	54.534	ug/l	98
39) Methylcyclohexane	9.594	83	145438	54.948	ug/l	98
40) Benzene	8.600	78	439334	52.580	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	72719	57.286	ug/l	96
42) 1,2-Dichloroethane	8.671	62	147319	54.442	ug/l	100
43) Isopropyl Acetate	8.688	43	235029	53.970	ug/l	99
44) Trichloroethene	9.347	130	97336	50.512	ug/l	99
45) 1,2-Dichloropropane	9.618	63	105711	53.933	ug/l	99
46) Dibromomethane	9.706	93	75555	54.629	ug/l	98
47) Bromodichloromethane	9.883	83	160196	54.948	ug/l	97
48) Methyl methacrylate	9.677	41	105134	57.226	ug/l	97
49) 1,4-Dioxane	9.694	88	35315	1084.756	ug/l #	94
51) 4-Methyl-2-Pentanone	10.441	43	673789	299.418	ug/l	99
52) Toluene	10.630	92	268205	54.885	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	156513	51.864	ug/l	99
54) cis-1,3-Dichloropropene	10.306	75	170454	53.367	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	100727	54.720	ug/l	96
56) Ethyl methacrylate	10.871	69	157529	59.164	ug/l	96
57) 1,3-Dichloropropane	11.159	76	171101	54.160	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	368017	295.379	ug/l	98
59) 2-Hexanone	11.194	43	507919	310.089	ug/l	98
60) Dibromochloromethane	11.359	129	115630	55.117	ug/l	98
61) 1,2-Dibromoethane	11.471	107	100185	53.148	ug/l	100
64) Tetrachloroethene	11.100	164	84223	51.572	ug/l	97
65) Chlorobenzene	11.888	112	280248	51.022	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	102787	53.800	ug/l	99
67) Ethyl Benzene	11.959	91	497151	54.224	ug/l	98
68) m/p-Xylenes	12.071	106	384862	110.877	ug/l	100
69) o-Xylene	12.394	106	182327	56.150	ug/l	100
70) Styrene	12.406	104	310628	54.839	ug/l	99
71) Bromoform	12.576	173	76522	53.228	ug/l #	100
73) Isopropylbenzene	12.694	105	465886	54.949	ug/l	100
74) N-amyl acetate	12.494	43	195775	54.252	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	148276	52.394	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	121239m	50.130	ug/l	
77) Bromobenzene	12.976	156	115164	50.527	ug/l	95
78) n-propylbenzene	13.035	91	543291	54.683	ug/l	100
79) 2-Chlorotoluene	13.123	91	338859	52.198	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	394394	56.125	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	50580m	49.616	ug/l	
82) 4-Chlorotoluene	13.218	91	340174	49.791	ug/l	99
83) tert-Butylbenzene	13.435	119	324633	55.819	ug/l	97
84) 1,2,4-Trimethylbenzene	13.476	105	400869	55.272	ug/l	99
85) sec-Butylbenzene	13.612	105	452436	55.073	ug/l	100
86) p-Isopropyltoluene	13.729	119	384216	57.027	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	207861	46.729	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	206880	50.751	ug/l	99
89) n-Butylbenzene	14.053	91	317355	50.355	ug/l	99
90) Hexachloroethane	14.329	117	73571	48.966	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	214119	50.093	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	28020	48.873	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	100485	42.950	ug/l	99
94) Hexachlorobutadiene	15.500	225	47622	46.351	ug/l	98
95) Naphthalene	15.641	128	326855	46.675	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	102100	44.956	ug/l	98

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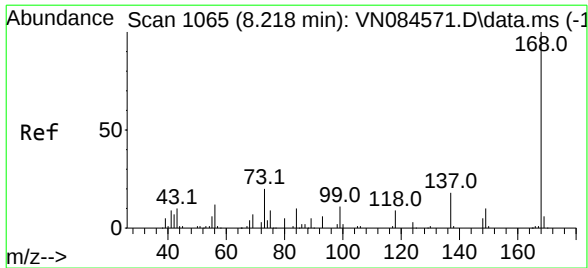
Manual Integrations
APPROVED

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Quant Time: Nov 19 00:22:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 18:45:38 2024
Response via : Initial Calibration

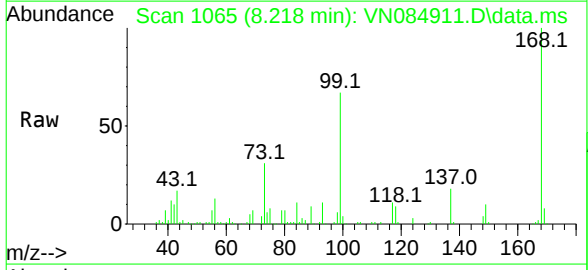
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 10
Delta R.T. -0.006 min
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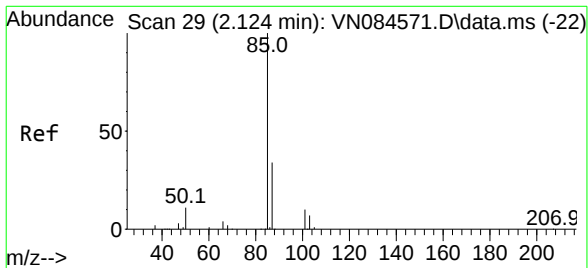
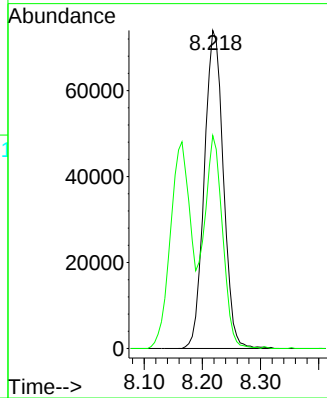
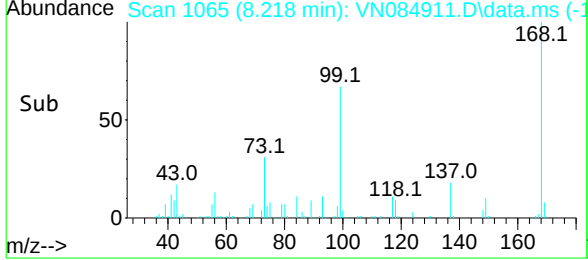
Instrument :
MSVOA_N
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VSTDCCC050



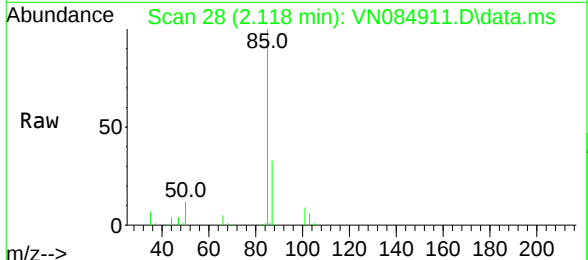
Tgt Ion:168 Resp: 168638
Ion Ratio Lower Upper
168 100
99 67.0 54.2 81.2

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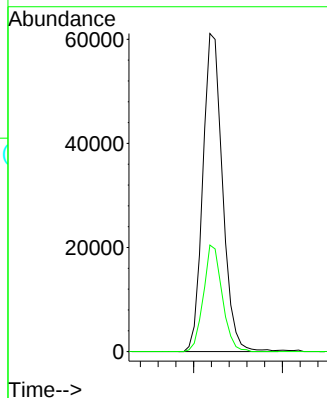
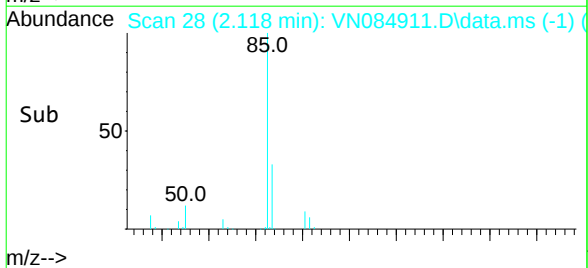
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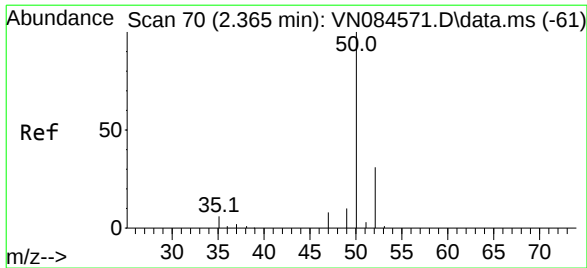


#2
Dichlorodifluoromethane
Concen: 48.560 ug/l
RT: 2.118 min Scan# 28
Delta R.T. -0.006 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51



Tgt Ion: 85 Resp: 94140
Ion Ratio Lower Upper
85 100
87 33.5 17.6 52.9





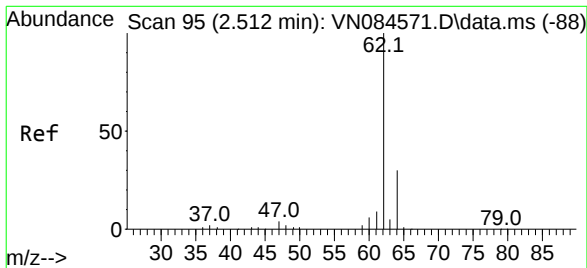
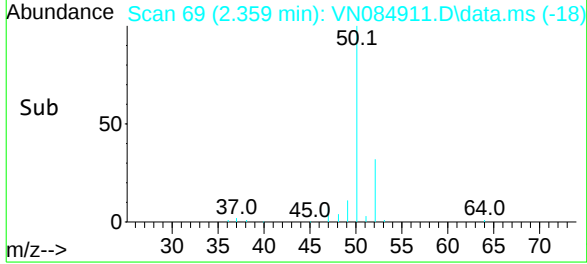
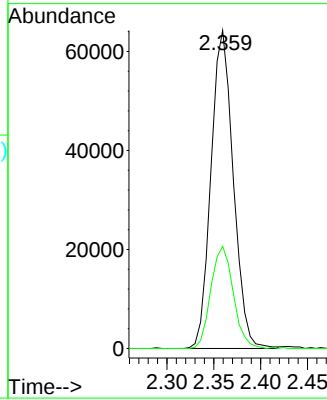
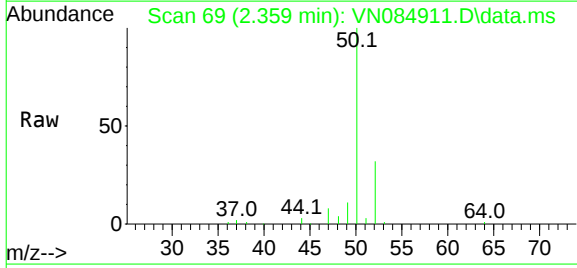
#3
Chloromethane
Concen: 46.601 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51

Instrument :
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ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 106397
Ion Ratio Lower Upper
50 100
52 32.1 26.8 40.2

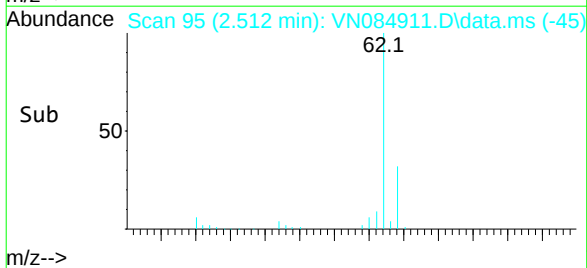
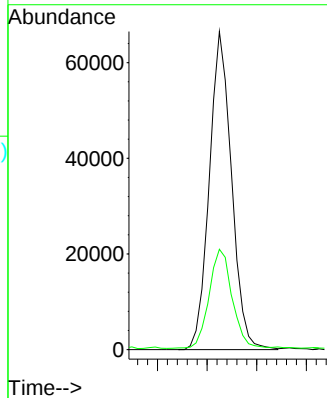
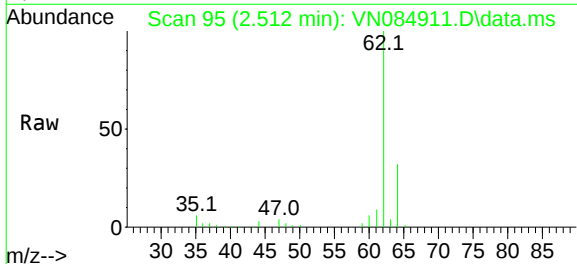
Manual Integrations
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#4
Vinyl Chloride
Concen: 49.608 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51

Tgt Ion: 62 Resp: 103437
Ion Ratio Lower Upper
62 100
64 31.0 26.2 39.4





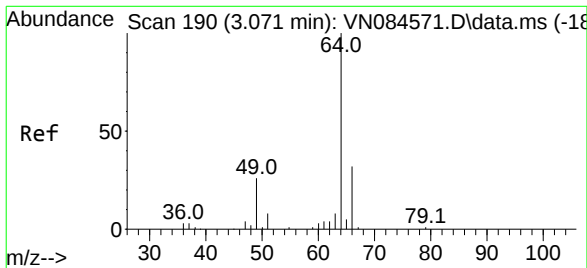
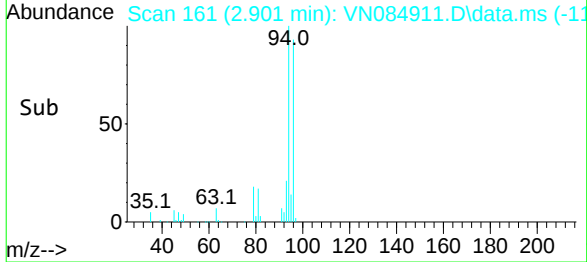
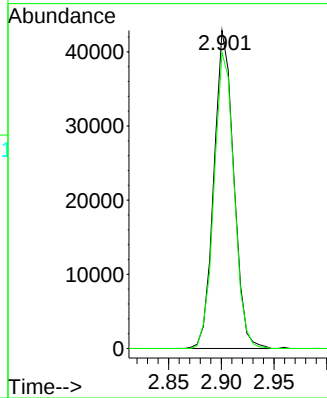
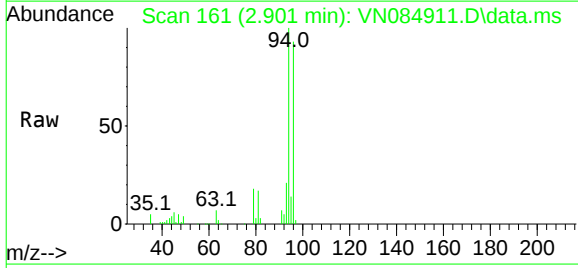
#5
Bromomethane
Concen: 50.768 ug/l
RT: 2.901 min Scan# 161
Delta R.T. -0.052 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 56086
Ion Ratio Lower Upper
94 100
96 93.1 72.9 109.3

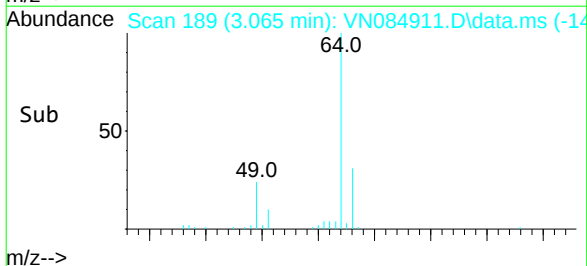
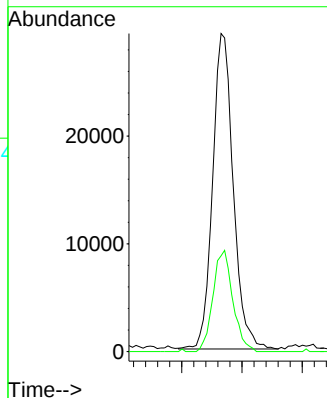
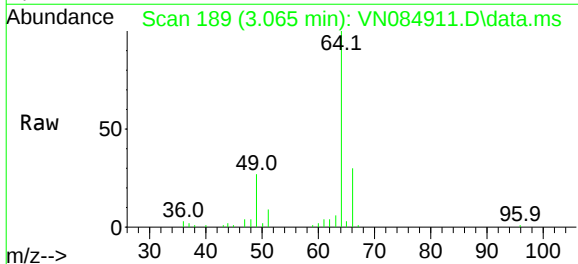
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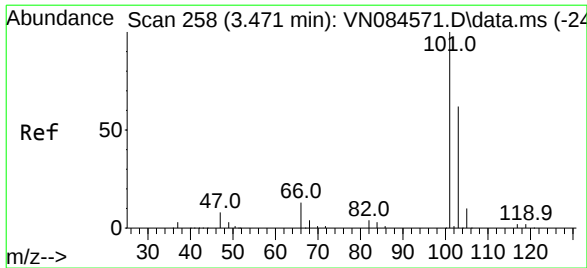
Reviewed By :John Carlone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024



#6
Chloroethane
Concen: 54.008 ug/l
RT: 3.065 min Scan# 189
Delta R.T. -0.053 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51

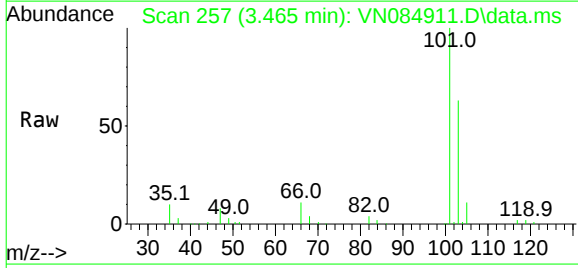
Tgt Ion: 64 Resp: 69564
Ion Ratio Lower Upper
64 100
66 30.4 23.5 35.3





#7
 Trichlorofluoromethane
 Concen: 51.352 ug/l
 RT: 3.465 min Scan# 258
 Delta R.T. -0.030 min
 Lab File: VN084911.D
 Acq: 18 Nov 2024 09:51

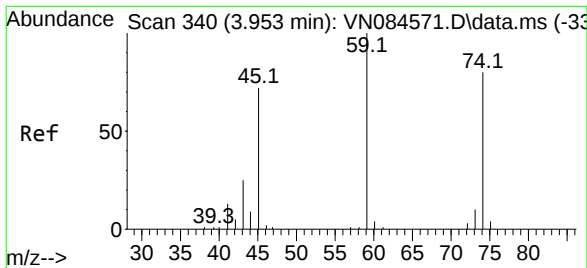
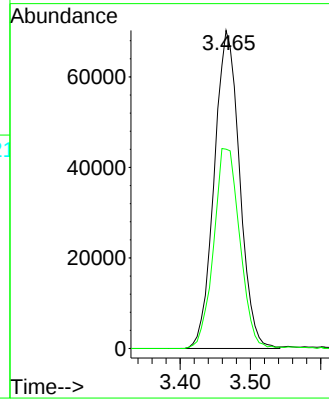
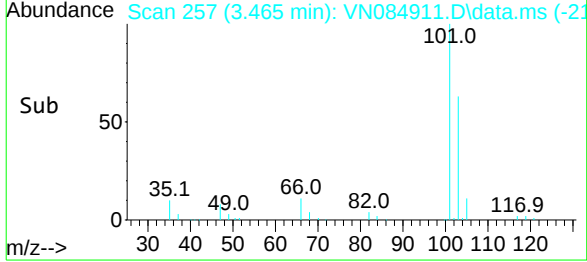
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:101 Resp: 176382
 Ion Ratio Lower Upper
 101 100
 103 62.7 51.8 77.6

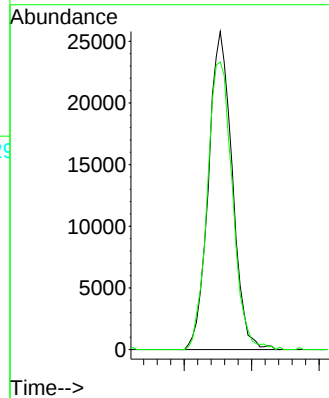
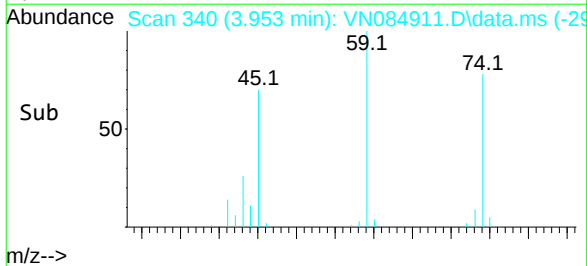
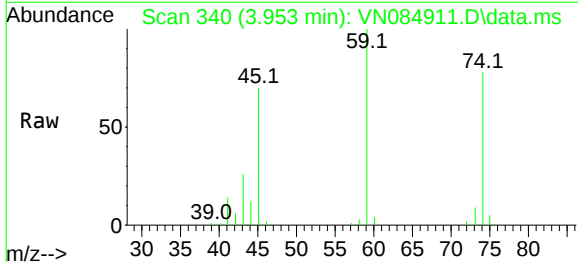
Manual Integrations
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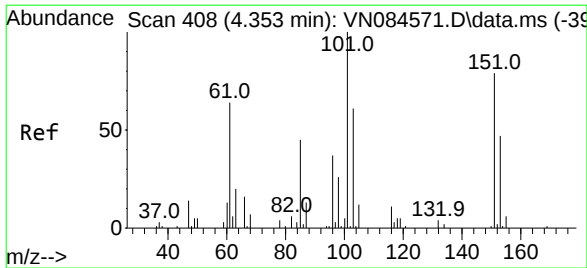
Reviewed By :John Carlone 11/19/2024
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#8
 Diethyl Ether
 Concen: 52.008 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 63015
 Ion Ratio Lower Upper
 74 100
 45 95.7 47.7 143.1





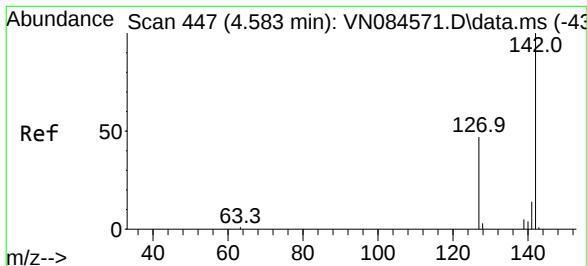
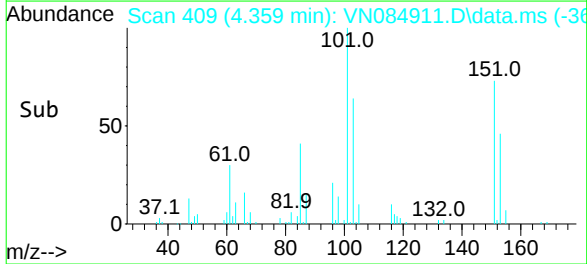
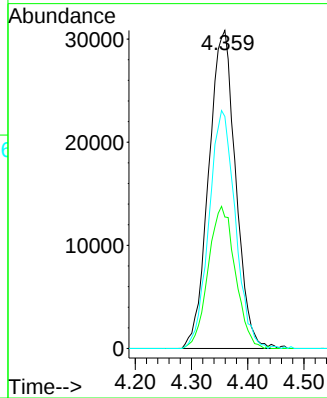
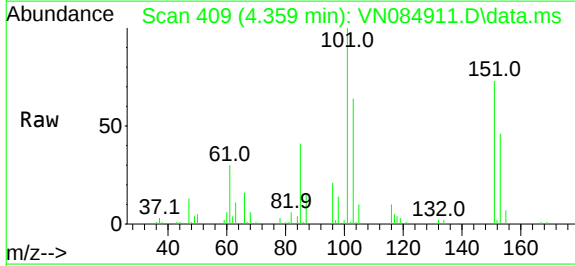
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.906 ug/l
RT: 4.359 min Scan# 408
Delta R.T. -0.012 min
Lab File: VN084911.D
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ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 102681
Ion Ratio Lower Upper
101 100
85 44.9 36.2 54.4
151 73.0 59.3 88.9

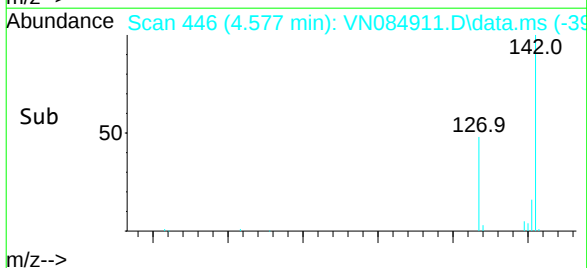
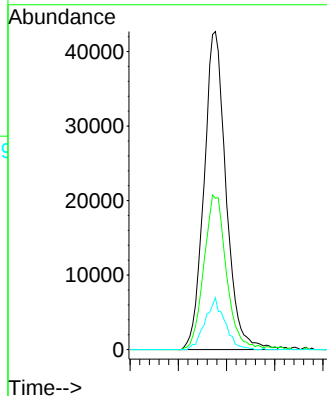
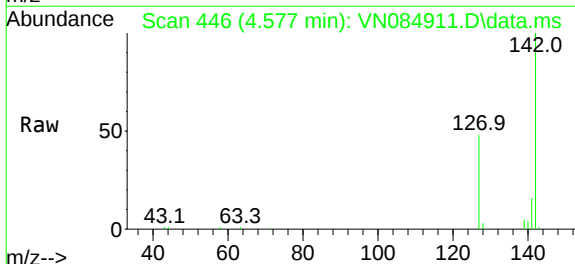
Manual Integrations
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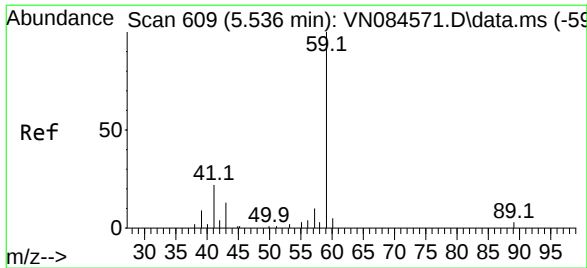
Reviewed By :John Carbone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024



#10
Methyl Iodide
Concen: 52.270 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.018 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51

Tgt Ion:142 Resp: 135583
Ion Ratio Lower Upper
142 100
127 47.6 35.3 52.9
141 16.3 11.0 16.6





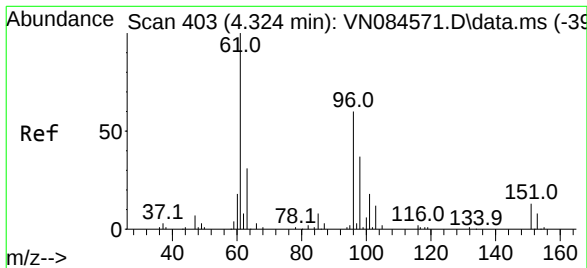
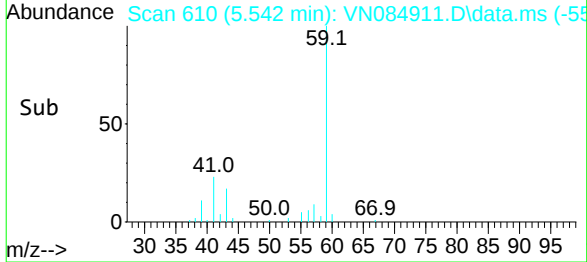
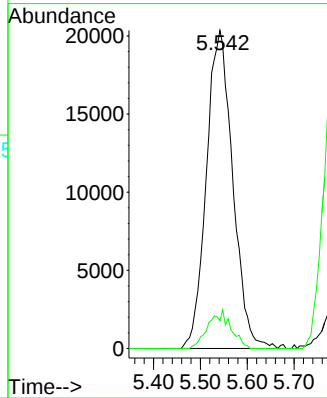
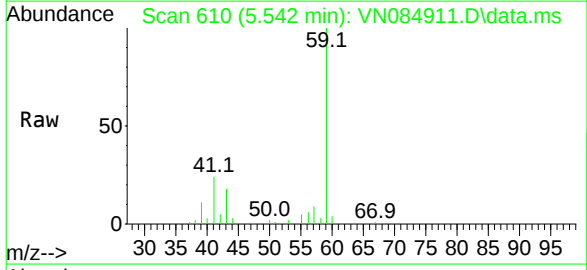
#11
Tert butyl alcohol
Concen: 247.112 ug/l
RT: 5.542 min Scan# 61
Delta R.T. 0.018 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 79448
Ion Ratio Lower Upper
59 100
57 5.7 8.2 12.2#

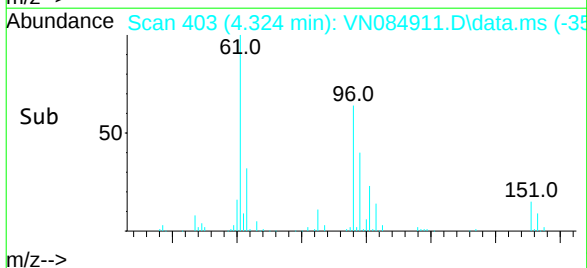
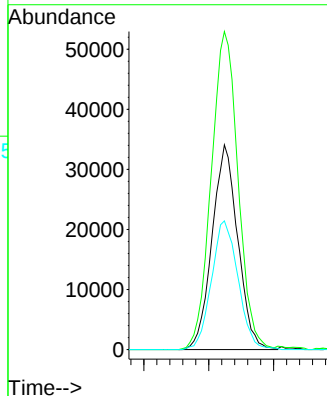
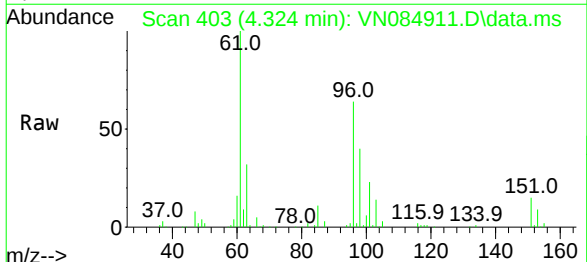
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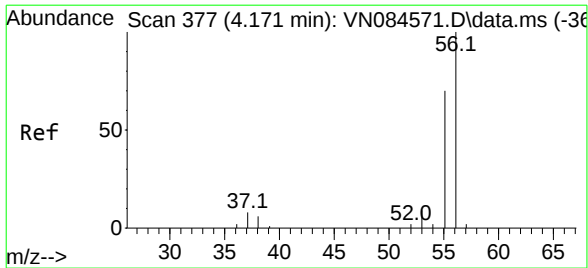
Reviewed By :John Carlone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024



#12
1,1-Dichloroethene
Concen: 48.851 ug/l
RT: 4.324 min Scan# 403
Delta R.T. -0.018 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51

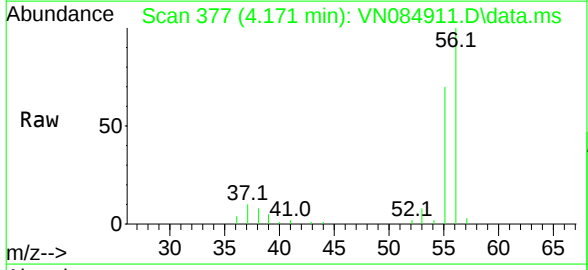
Tgt Ion: 96 Resp: 93815
Ion Ratio Lower Upper
96 100
61 155.3 128.6 192.8
98 62.8 51.7 77.5





#13
Acrolein
Concen: 242.002 ug/l
RT: 4.171 min Scan# 377
Delta R.T. -0.006 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51

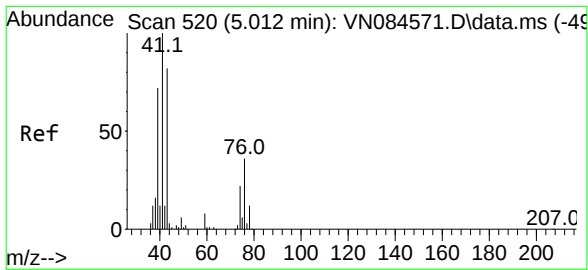
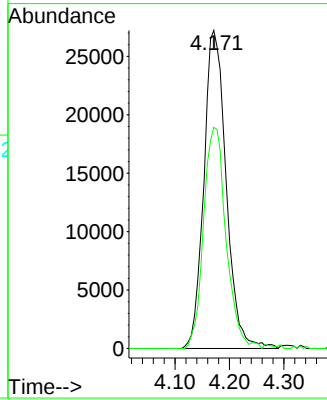
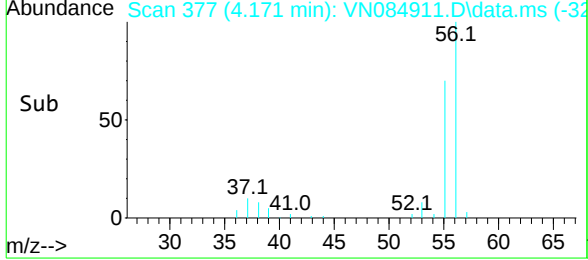
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



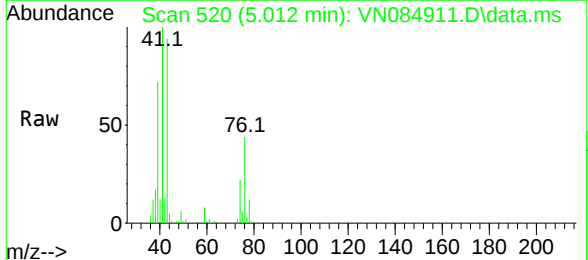
Tgt Ion: 56 Resp: 77585
Ion Ratio Lower Upper
56 100
55 70.0 57.2 85.8

Manual Integrations
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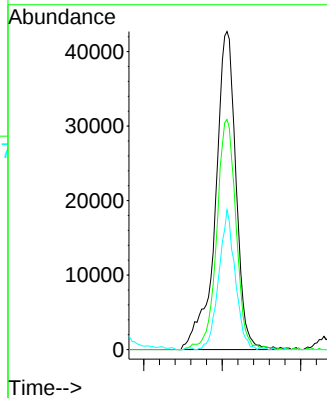
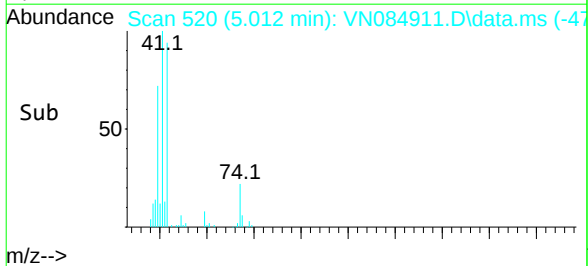
Reviewed By :John Carlone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024



#14
Allyl chloride
Concen: 50.158 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.012 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51



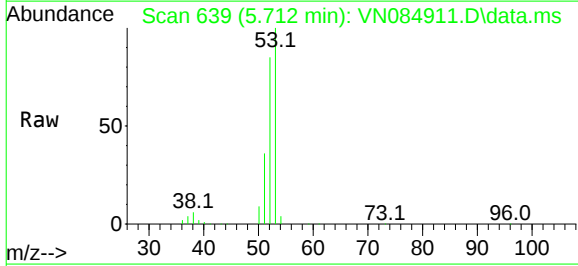
Tgt Ion: 41 Resp: 156216
Ion Ratio Lower Upper
41 100
39 67.3 59.0 88.6
76 34.7 29.8 44.6





#15
Acrylonitrile
Concen: 273.694 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.006 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51

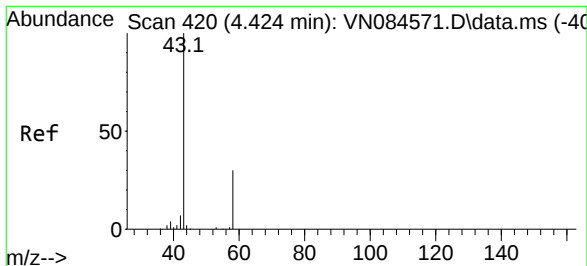
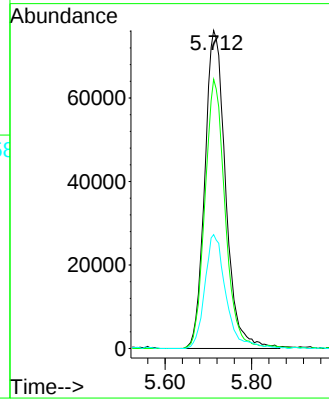
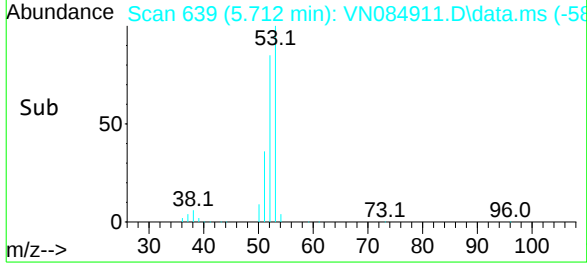
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 254739
Ion Ratio Lower Upper
53 100
52 81.7 66.2 99.4
51 36.4 28.8 43.2

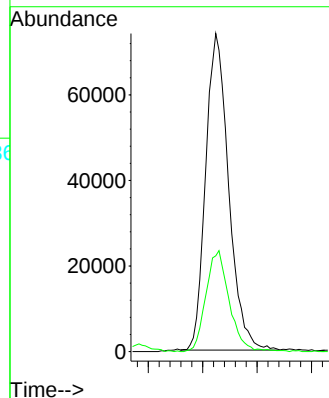
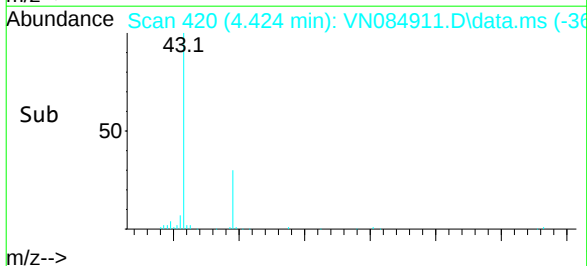
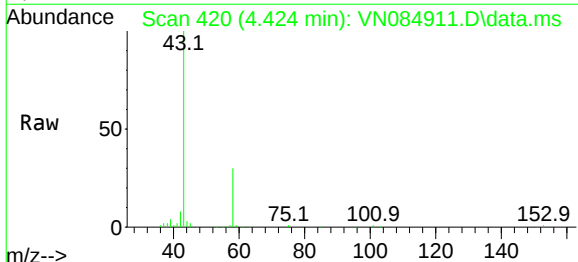
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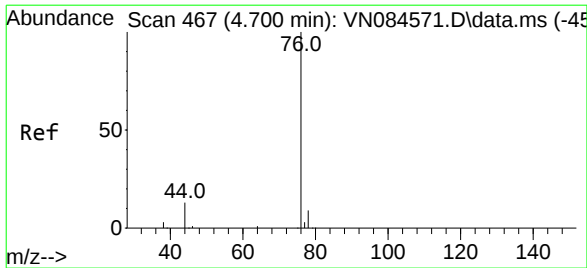
Reviewed By :John Carlone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024



#16
Acetone
Concen: 309.363 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51

Tgt Ion: 43 Resp: 217186
Ion Ratio Lower Upper
43 100
58 30.3 24.4 36.6





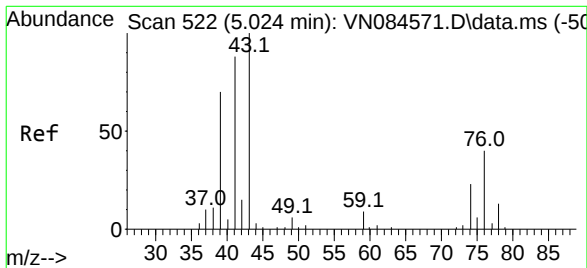
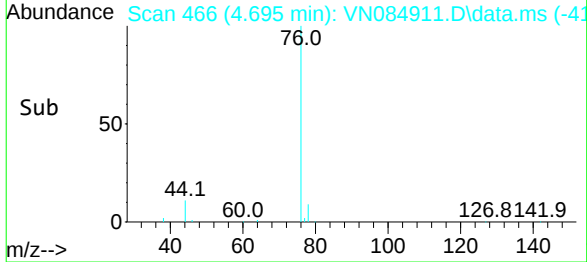
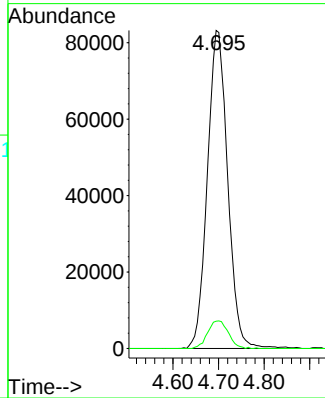
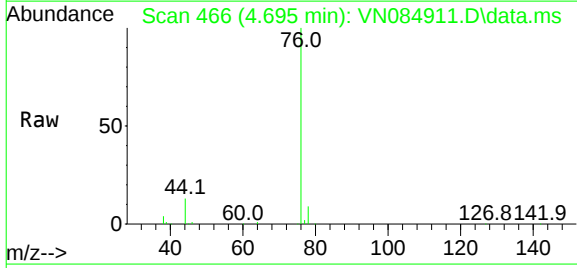
#17
Carbon Disulfide
Concen: 43.482 ug/l
RT: 4.695 min Scan# 46
Delta R.T. -0.017 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 257155
Ion Ratio Lower Upper
76 100
78 8.6 7.3 10.9

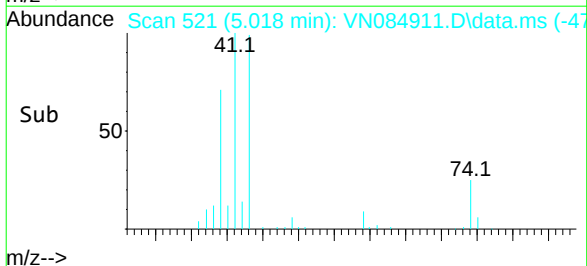
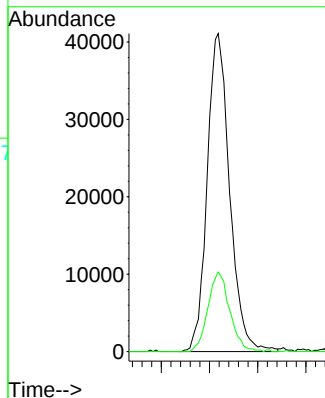
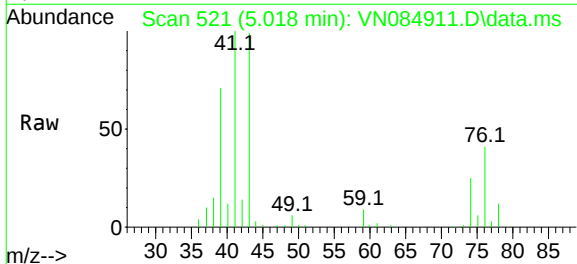
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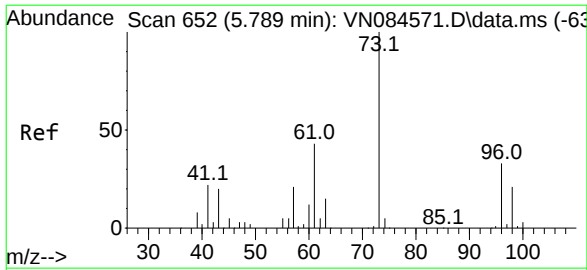
Reviewed By :John Carlone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024



#18
Methyl Acetate
Concen: 51.908 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51

Tgt Ion: 43 Resp: 133018
Ion Ratio Lower Upper
43 100
74 24.2 19.2 28.8





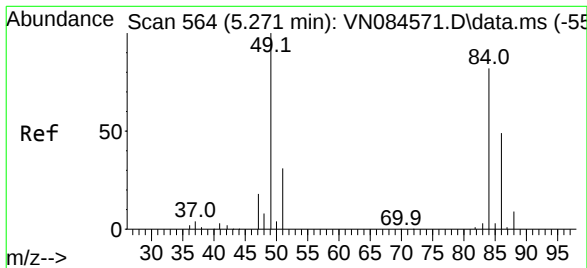
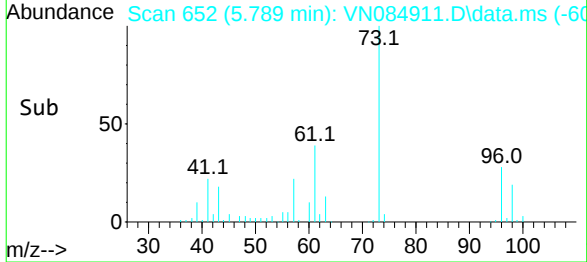
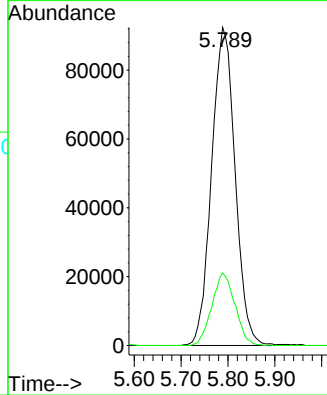
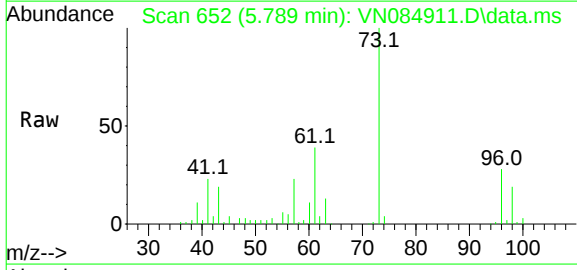
#19
Methyl tert-butyl Ether
Concen: 54.690 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.006 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 321920
Ion Ratio Lower Upper
73 100
57 22.8 17.7 26.5

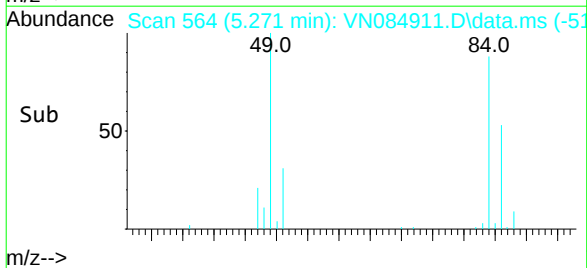
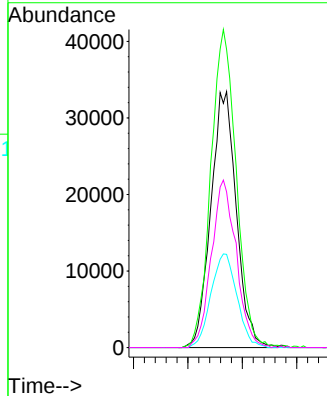
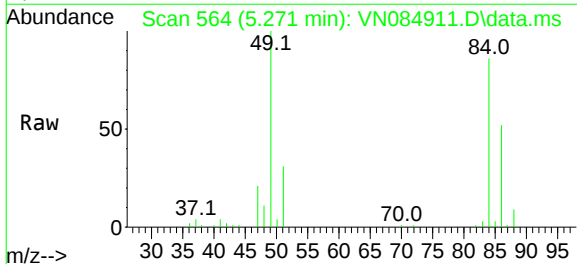
Manual Integrations
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Reviewed By :John Carlone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024



#20
Methylene Chloride
Concen: 50.836 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51

Tgt Ion: 84 Resp: 108903
Ion Ratio Lower Upper
84 100
49 116.5 107.2 160.8
51 36.4 31.8 47.8
86 60.8 52.9 79.3





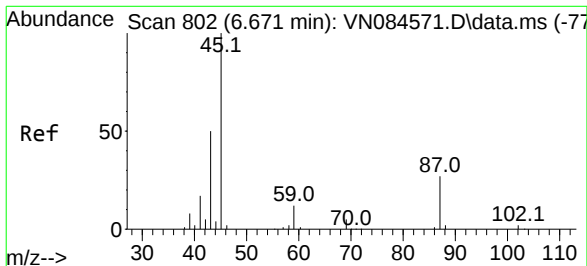
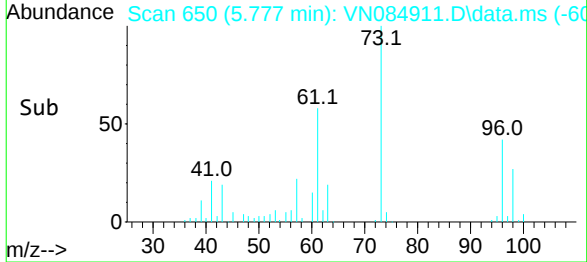
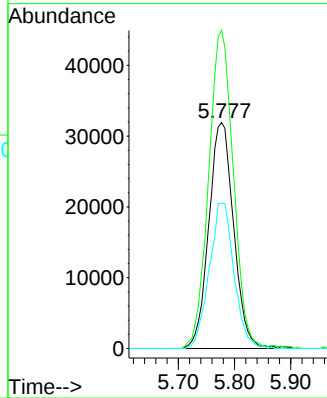
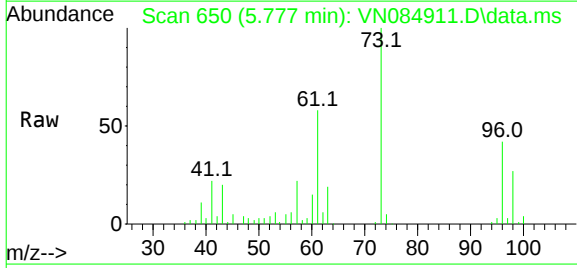
#21
trans-1,2-Dichloroethene
Concen: 49.667 ug/l
RT: 5.777 min Scan# 650
Delta R.T. -0.012 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 97942
Ion Ratio Lower Upper
96 100
61 140.8 108.4 162.6
98 64.3 49.8 74.8

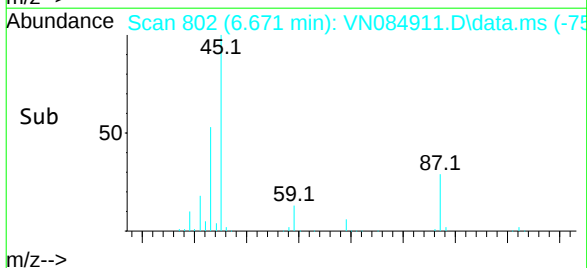
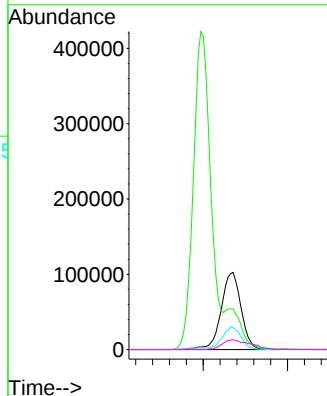
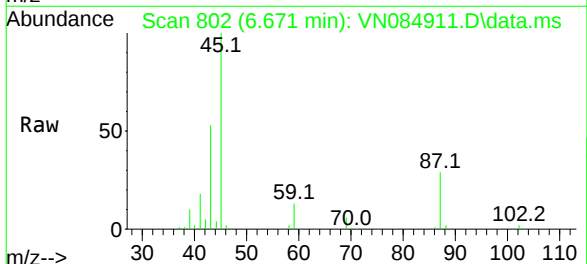
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024



#22
Diisopropyl ether
Concen: 54.309 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51

Tgt Ion: 45 Resp: 336088
Ion Ratio Lower Upper
45 100
43 51.7 42.3 63.5
87 28.6 21.8 32.6
59 12.4 9.6 14.4





#23

Vinyl Acetate

Concen: 281.078 ug/l

RT: 6.594 min Scan# 789

Delta R.T. -0.006 min

Lab File: VN084911.D

Acq: 18 Nov 2024 09:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1199542

Ion Ratio Lower Upper

43 100

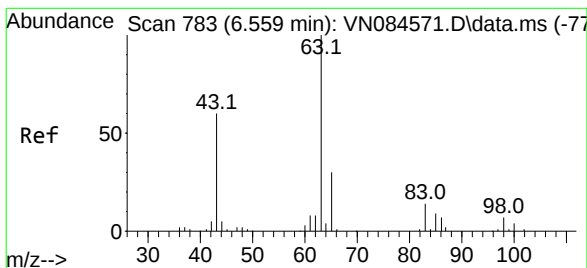
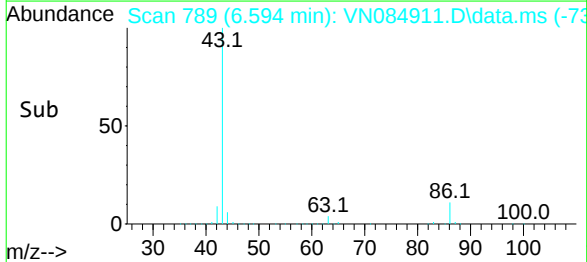
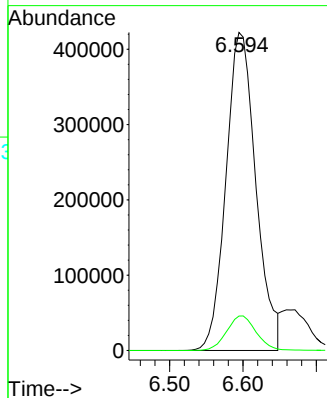
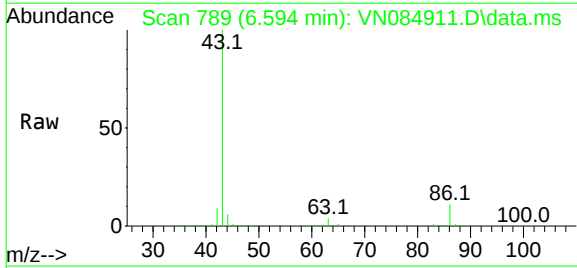
86 10.8 8.6 12.8

Manual Integrations

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Reviewed By :John Carlone 11/19/2024

Supervised By :Mahesh Dadoda 11/19/2024



#24

1,1-Dichloroethane

Concen: 52.484 ug/l

RT: 6.559 min Scan# 783

Delta R.T. -0.012 min

Lab File: VN084911.D

Acq: 18 Nov 2024 09:51

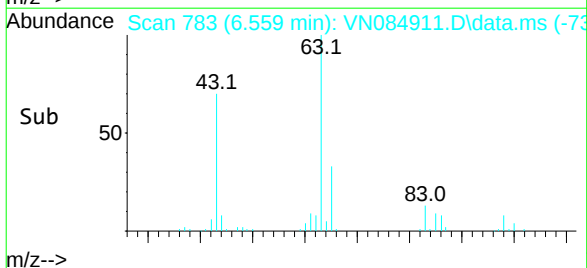
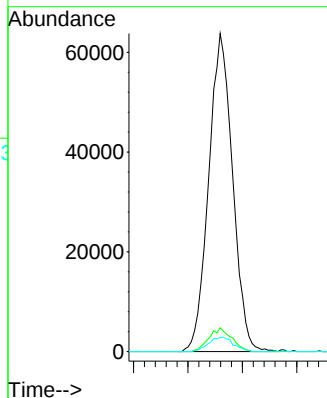
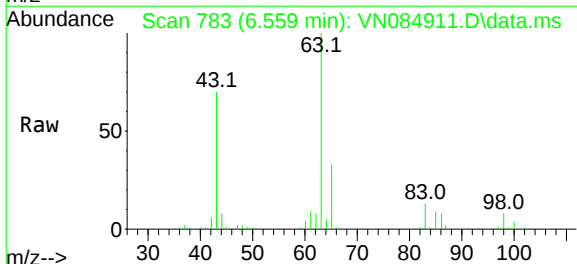
Tgt Ion: 63 Resp: 194999

Ion Ratio Lower Upper

63 100

98 7.5 3.4 10.2

100 4.4 2.0 5.8





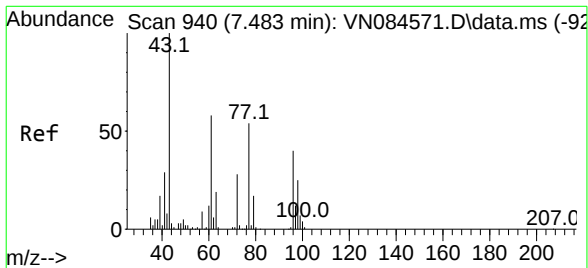
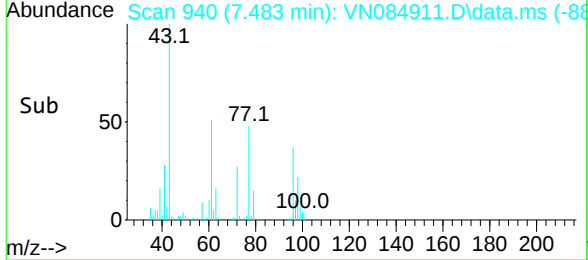
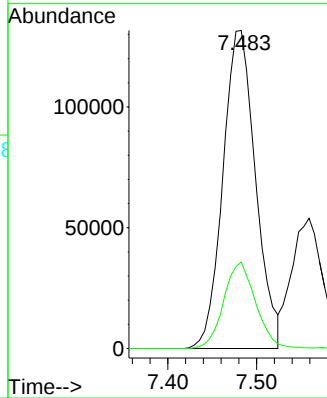
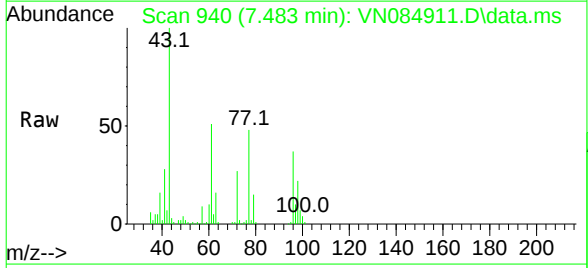
#25
2-Butanone
Concen: 296.690 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 337139
Ion Ratio Lower Upper
43 100
72 27.2 21.4 32.2

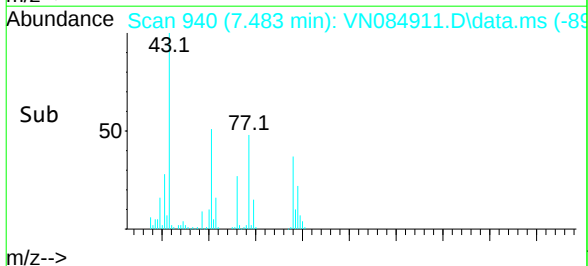
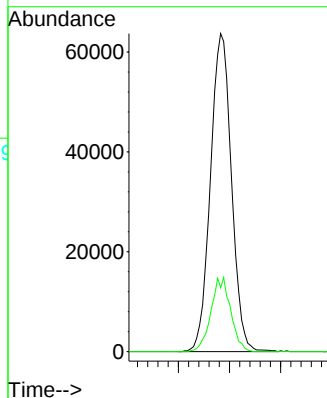
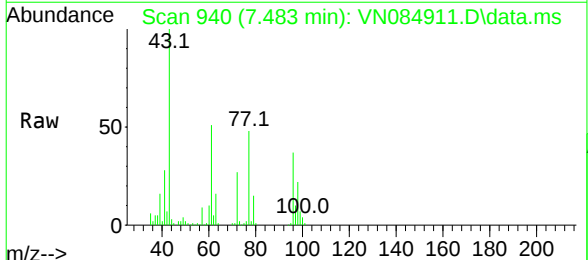
Manual Integrations
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Reviewed By :John Carlone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024



#26
2,2-Dichloropropane
Concen: 56.214 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51

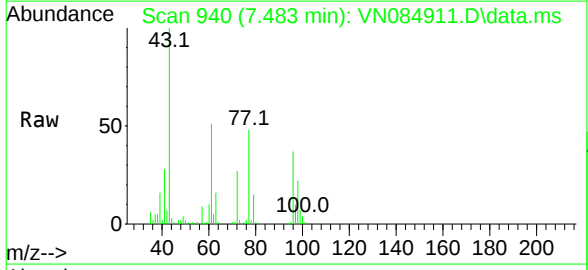
Tgt Ion: 77 Resp: 181782
Ion Ratio Lower Upper
77 100
97 21.8 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 53.023 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.006 min
 Lab File: VN084911.D
 Acq: 18 Nov 2024 09:51

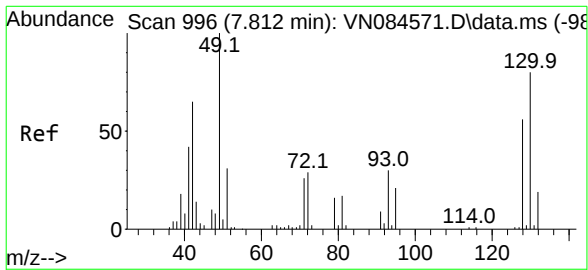
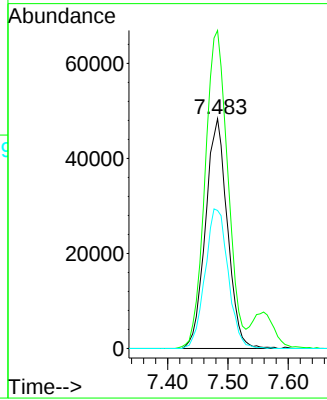
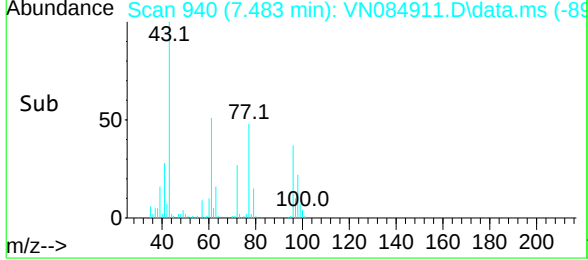
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 122088
 Ion Ratio Lower Upper
 96 100
 61 143.8 0.0 301.8
 98 64.1 0.0 128.2

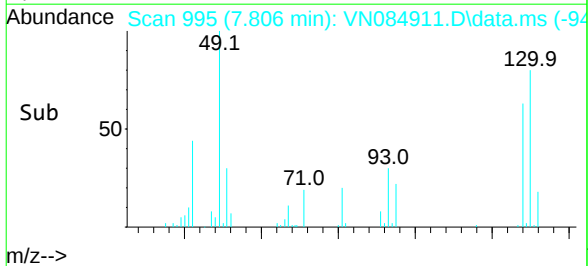
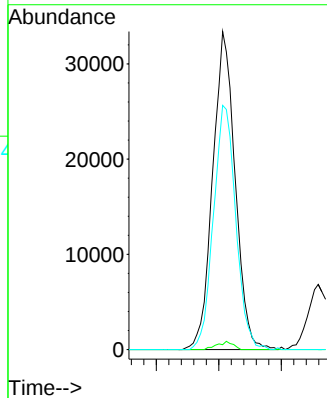
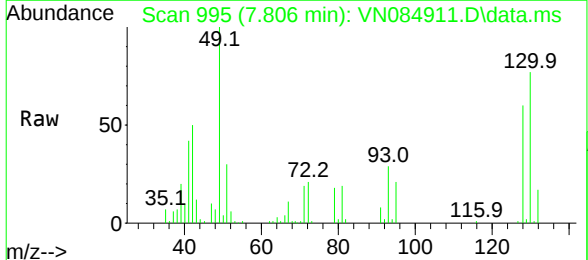
Manual Integrations
 APPROVED

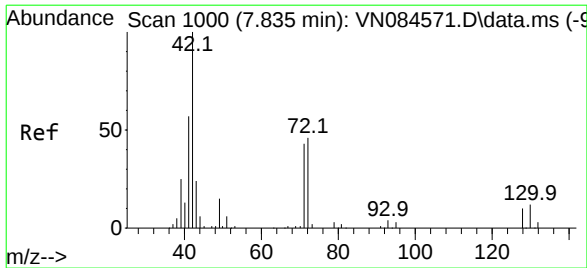
Reviewed By :John Carlone 11/19/2024
 Supervised By :Mahesh Dadoda 11/19/2024



#28
 Bromochloromethane
 Concen: 56.322 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.006 min
 Lab File: VN084911.D
 Acq: 18 Nov 2024 09:51

Tgt Ion: 49 Resp: 83372
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.6
 130 76.4 58.0 87.0





#29

Tetrahydrofuran

Concen: 286.423 ug/l

RT: 7.836 min Scan# 10

Delta R.T. 0.000 min

Lab File: VN084911.D

Acq: 18 Nov 2024 09:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

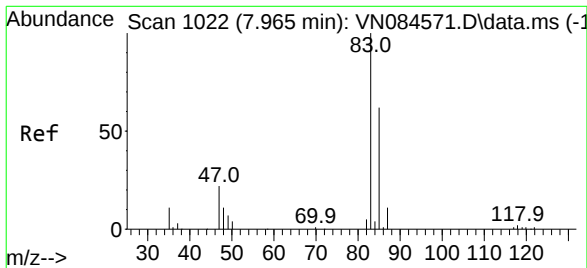
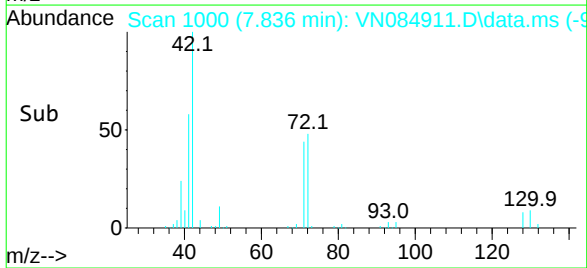
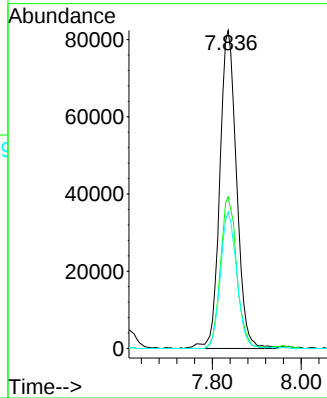
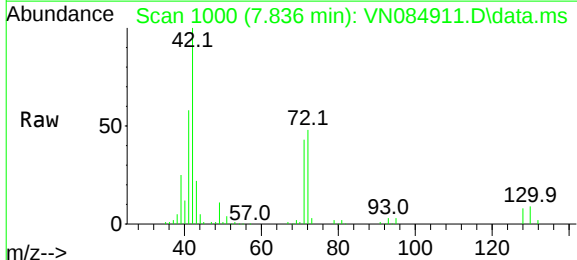
Tgt Ion:	42	Resp:	215923
Ion	Ratio	Lower	Upper
42	100		
72	46.3	34.6	51.8
71	42.0	32.2	48.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/19/2024

Supervised By :Mahesh Dadoda 11/19/2024



#30

Chloroform

Concen: 53.344 ug/l

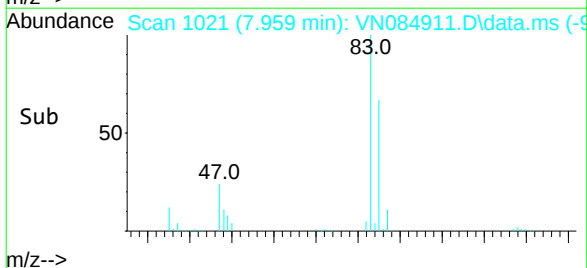
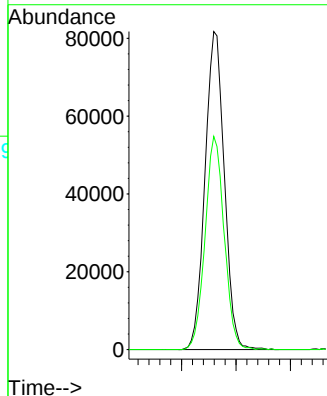
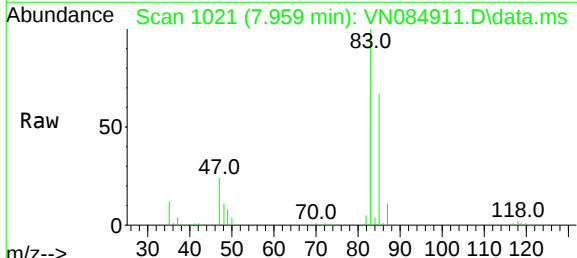
RT: 7.959 min Scan# 1021

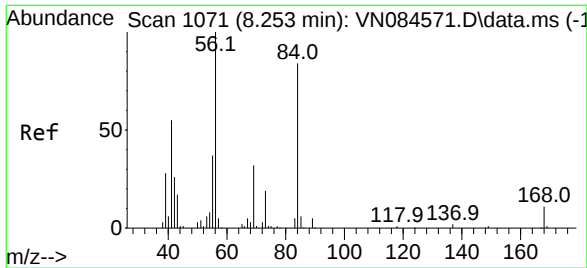
Delta R.T. -0.006 min

Lab File: VN084911.D

Acq: 18 Nov 2024 09:51

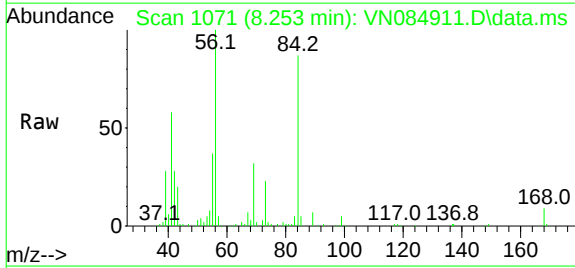
Tgt Ion:	83	Resp:	201727
Ion	Ratio	Lower	Upper
83	100		
85	67.0	51.0	76.4





#31
Cyclohexane
Concen: 48.147 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51

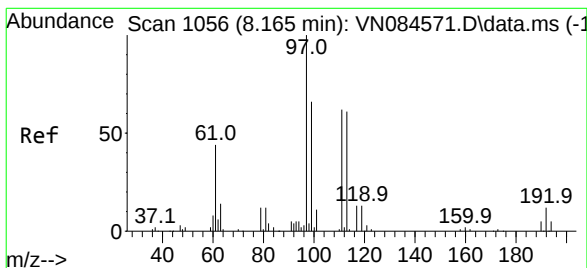
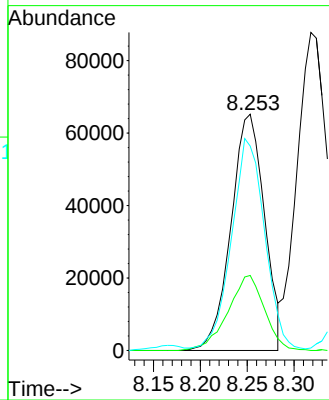
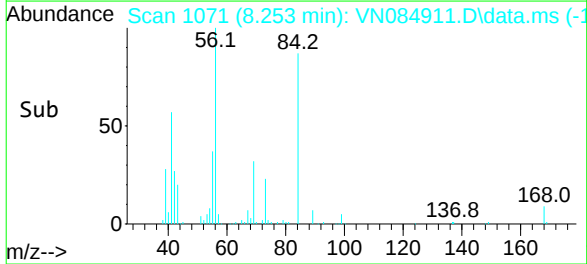
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 161905
Ion Ratio Lower Upper
56 100
69 31.8 23.8 35.6
84 84.8 68.8 103.2

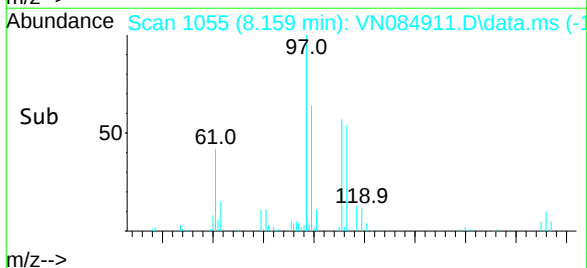
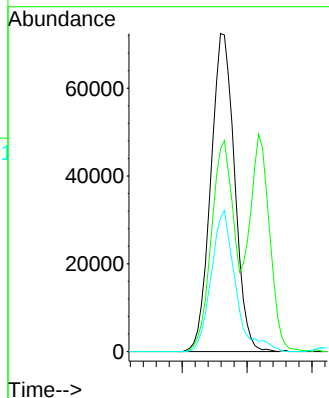
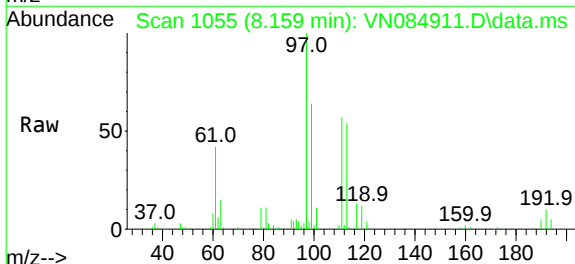
Manual Integrations
APPROVED

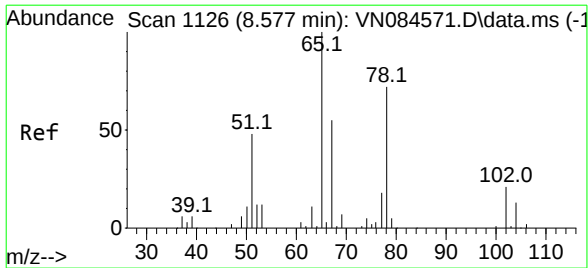
Reviewed By :John Carlone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024



#32
1,1,1-Trichloroethane
Concen: 53.627 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.012 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51

Tgt Ion: 97 Resp: 184581
Ion Ratio Lower Upper
97 100
99 62.7 51.2 76.8
61 45.1 37.5 56.3





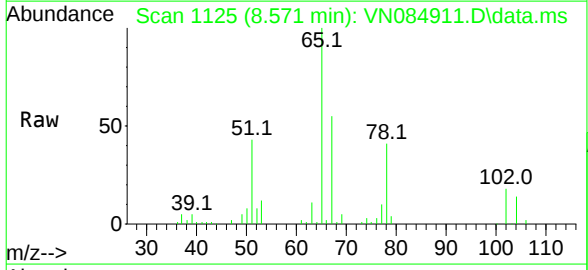
#33
1,2-Dichloroethane-d4
Concen: 50.475 ug/l
RT: 8.571 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



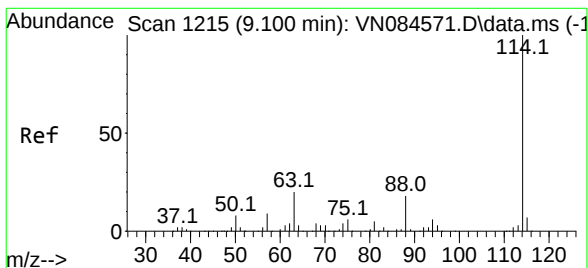
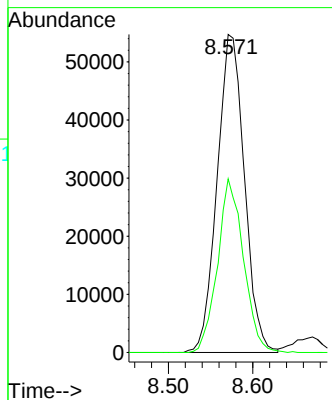
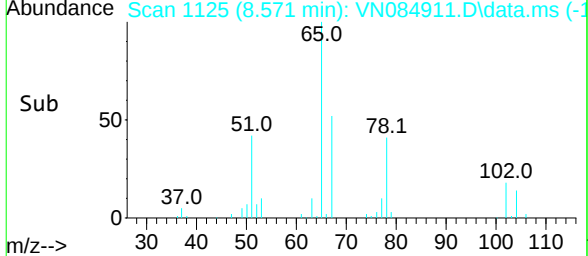
Tgt Ion: 65 Resp: 122943
Ion Ratio Lower Upper
65 100
67 51.9 0.0 102.0

Manual Integrations

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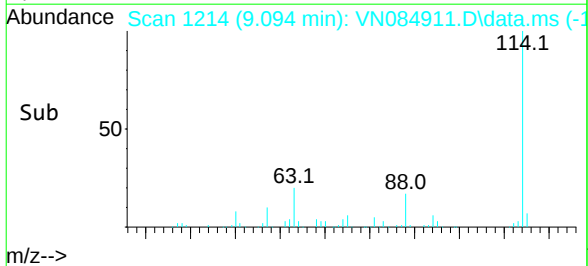
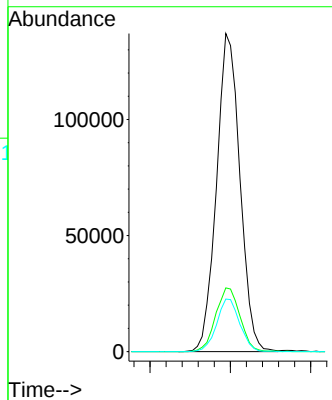
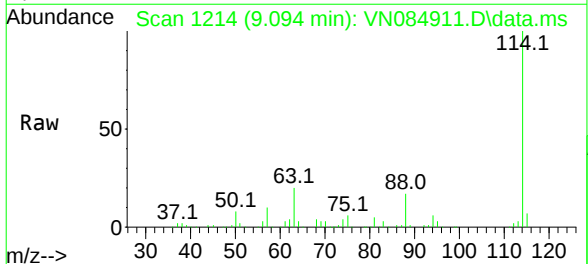
Reviewed By :John Carlone 11/19/2024

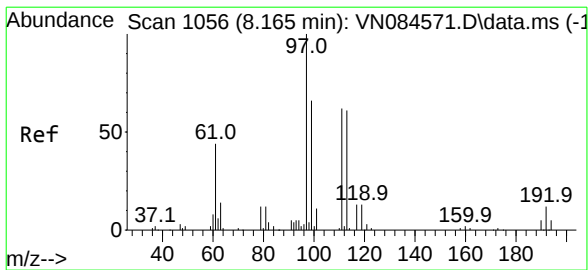
Supervised By :Mahesh Dadoda 11/19/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51

Tgt Ion:114 Resp: 277153
Ion Ratio Lower Upper
114 100
63 20.0 0.0 43.8
88 16.5 0.0 31.6





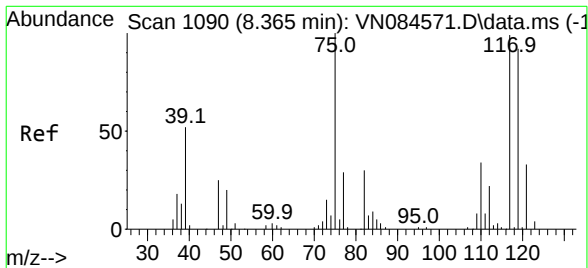
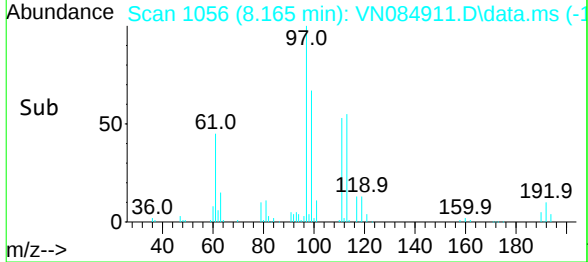
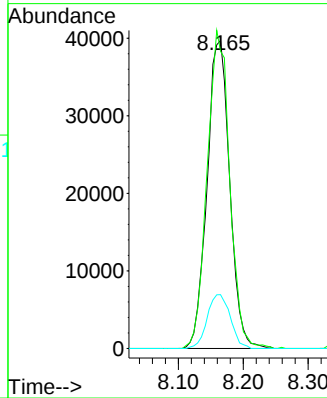
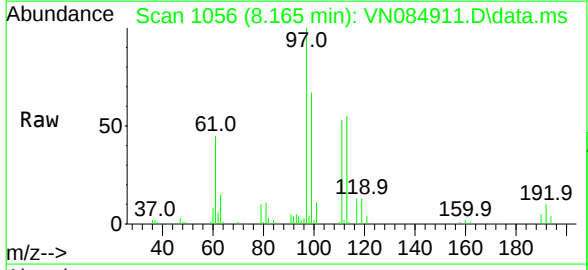
#35
Dibromofluoromethane
Concen: 51.369 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:113 Resp: 96367
Ion Ratio Lower Upper
113 100
111 102.6 83.3 124.9
192 17.8 13.5 20.3

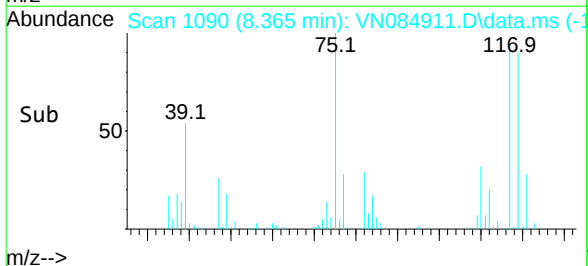
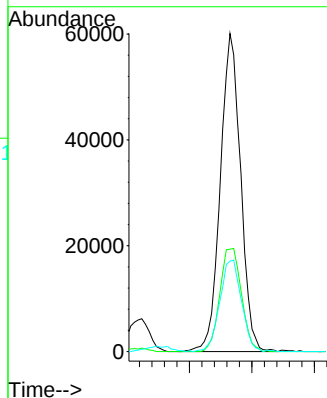
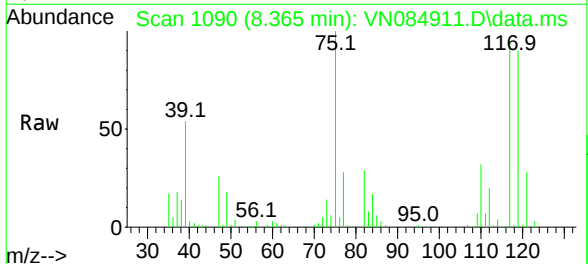
Manual Integrations
APPROVED

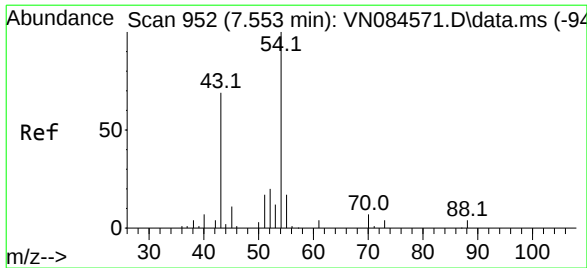
Reviewed By :John Carlone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024



#36
1,1-Dichloropropene
Concen: 52.132 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51

Tgt Ion: 75 Resp: 135635
Ion Ratio Lower Upper
75 100
110 34.6 16.9 50.7
77 30.7 24.7 37.1





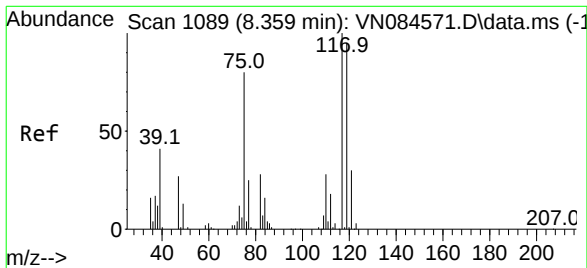
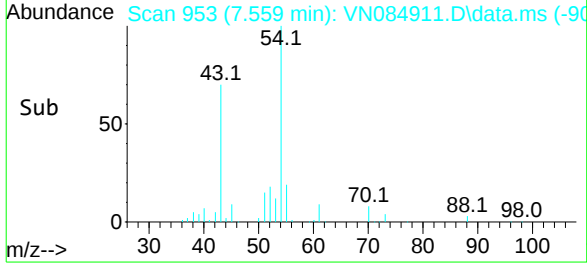
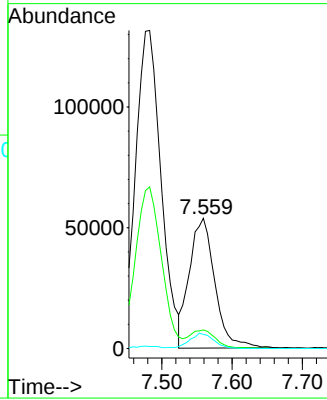
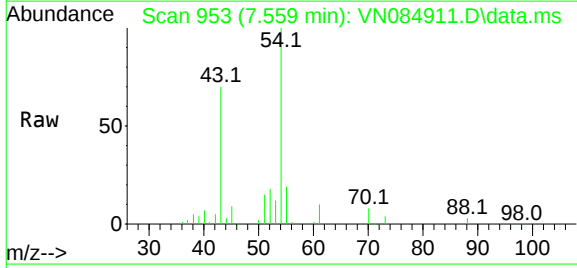
#37
Ethyl Acetate
Concen: 57.424 ug/l
RT: 7.559 min Scan# 952
Delta R.T. 0.000 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	43	Resp:	135552
Ion	Ratio	Lower	Upper
43	100		
61	14.8	10.7	16.1
70	11.1	8.8	13.2

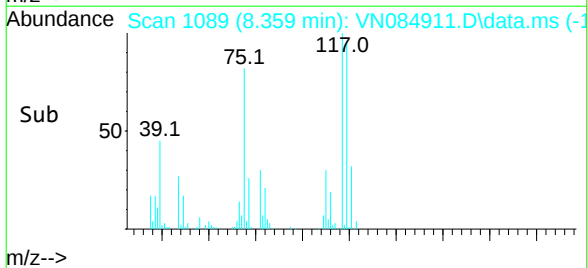
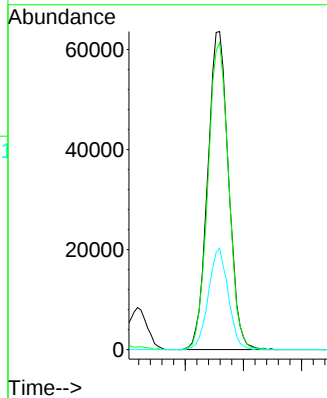
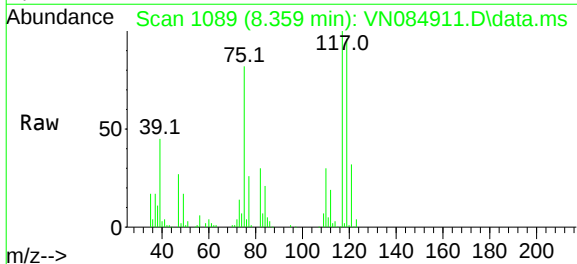
Manual Integrations
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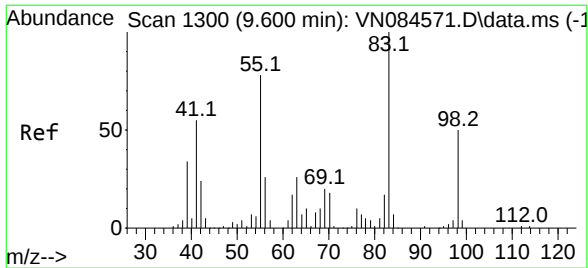
Reviewed By :John Carlone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024



#38
Carbon Tetrachloride
Concen: 54.534 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51

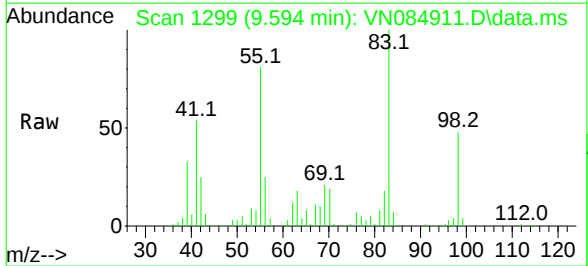
Tgt Ion:	117	Resp:	158591
Ion	Ratio	Lower	Upper
117	100		
119	96.5	78.7	118.1
121	31.9	24.4	36.6





#39
Methylcyclohexane
Concen: 54.948 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51

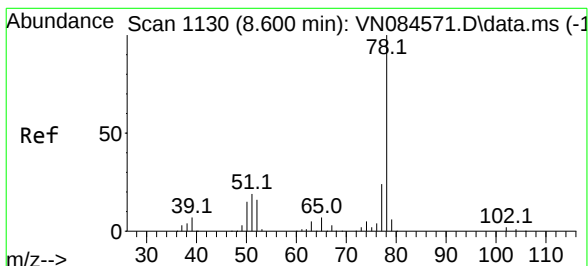
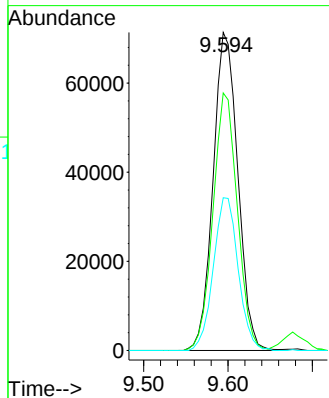
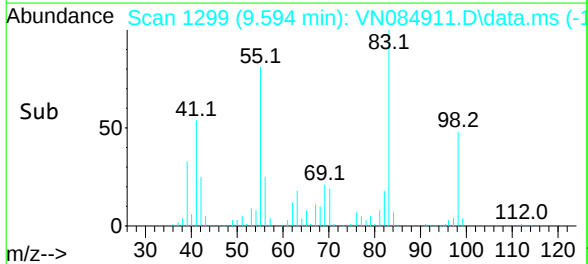
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 145438
Ion Ratio Lower Upper
83 100
55 81.0 62.8 94.2
98 48.0 38.8 58.2

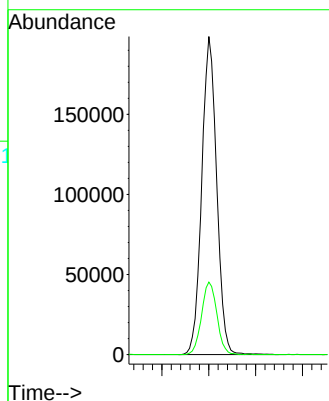
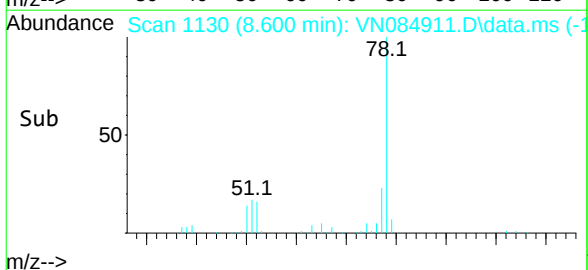
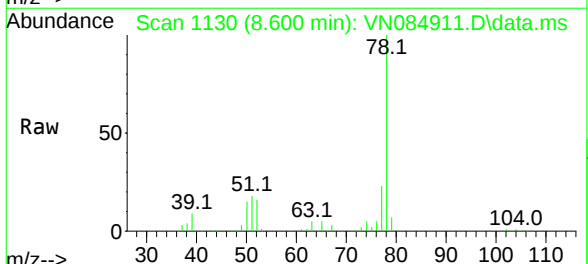
Manual Integrations
APPROVED

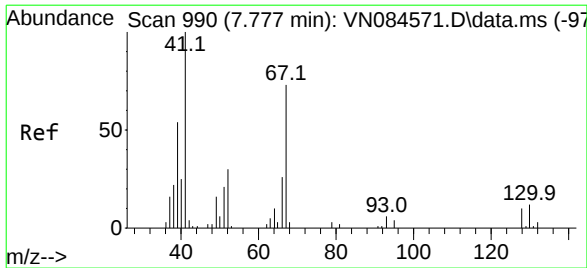
Reviewed By :John Carlone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024



#40
Benzene
Concen: 52.580 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51

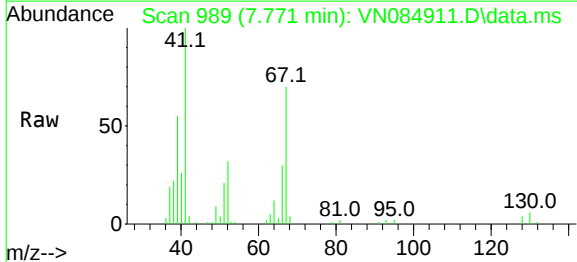
Tgt Ion: 78 Resp: 439334
Ion Ratio Lower Upper
78 100
77 22.8 19.1 28.7





#41
Methacrylonitrile
Concen: 57.286 ug/l
RT: 7.771 min Scan# 98
Delta R.T. -0.006 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51

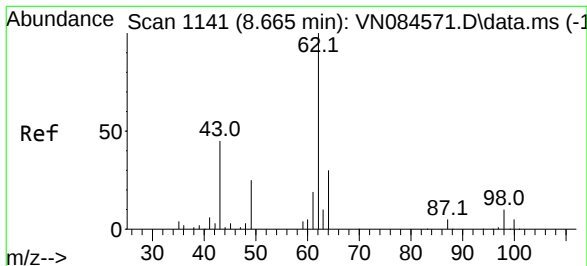
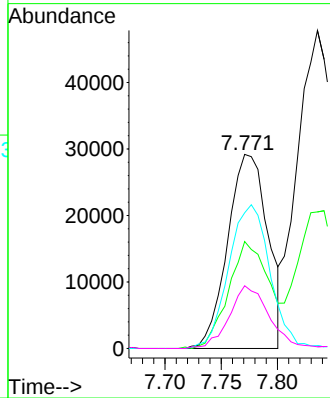
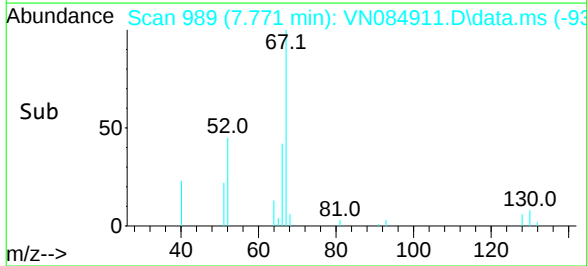
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41	Resp: 72719
Ion Ratio	Lower Upper
41	100
39	54.3 43.3 64.9
67	76.3 56.1 84.1
52	32.2 24.5 36.7

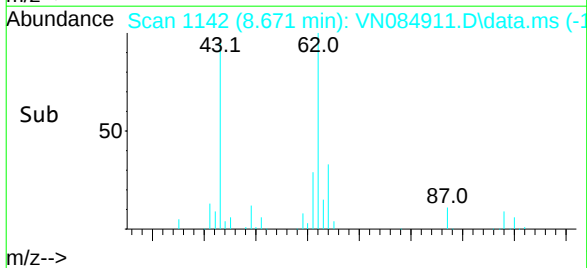
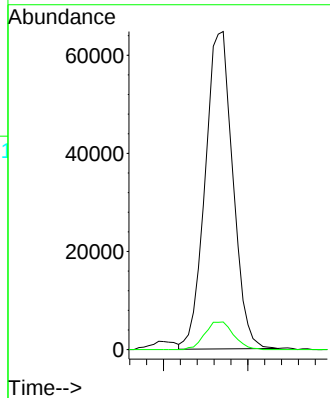
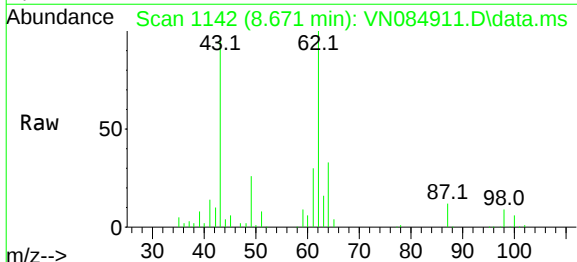
Manual Integrations
APPROVED

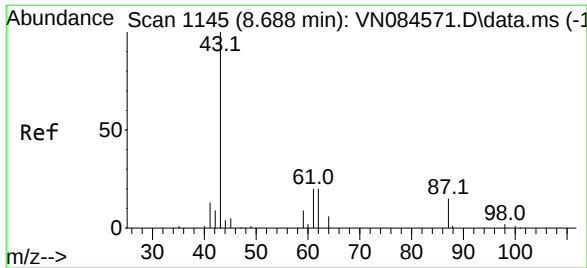
Reviewed By :John Carlone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024



#42
1,2-Dichloroethane
Concen: 54.442 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51

Tgt Ion: 62	Resp: 147319
Ion Ratio	Lower Upper
62	100
98	9.1 0.0 18.2





#43

Isopropyl Acetate

Concen: 53.970 ug/l

RT: 8.688 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084911.D

Acq: 18 Nov 2024 09:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

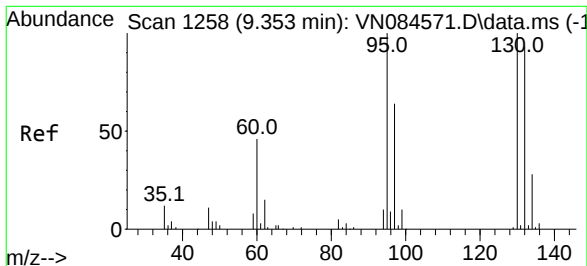
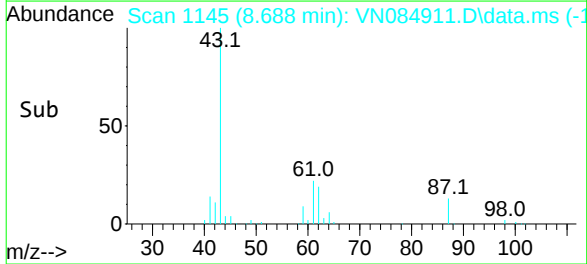
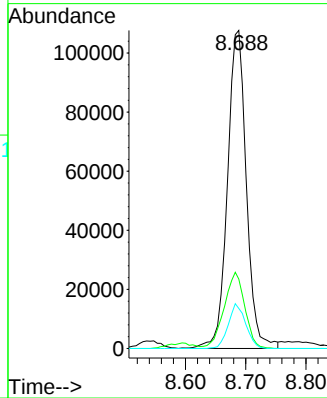
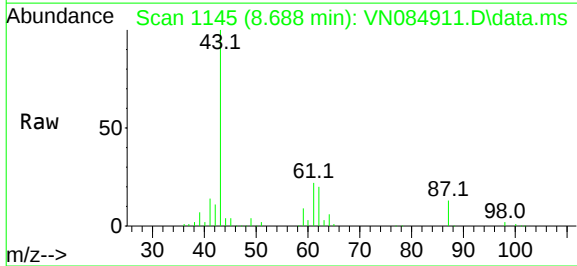
Tgt Ion:	43	Resp:	235029
Ion	Ratio	Lower	Upper
43	100		
61	26.2	20.4	30.6
87	12.9	10.3	15.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/19/2024

Supervised By :Mahesh Dadoda 11/19/2024



#44

Trichloroethene

Concen: 50.512 ug/l

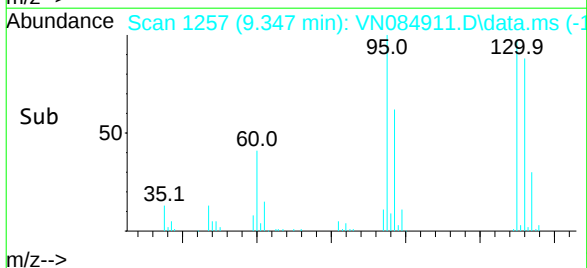
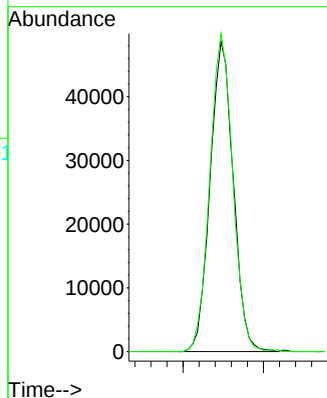
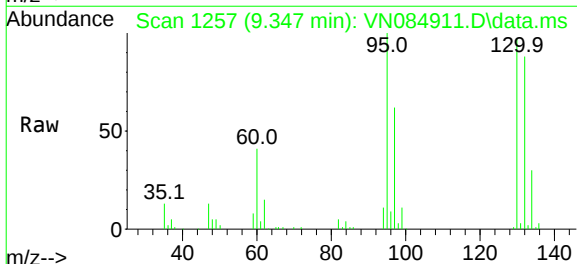
RT: 9.347 min Scan# 1257

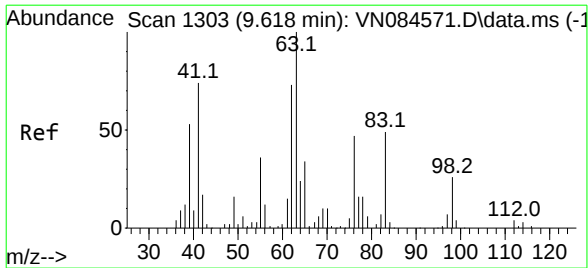
Delta R.T. 0.000 min

Lab File: VN084911.D

Acq: 18 Nov 2024 09:51

Tgt Ion:	130	Resp:	97336
Ion	Ratio	Lower	Upper
130	100		
95	102.6	0.0	203.0





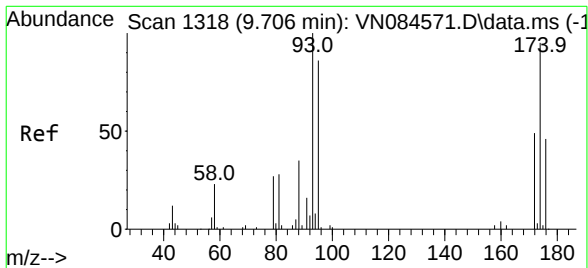
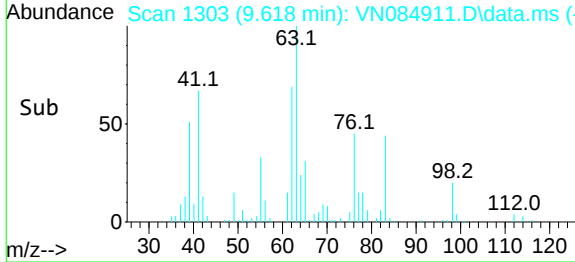
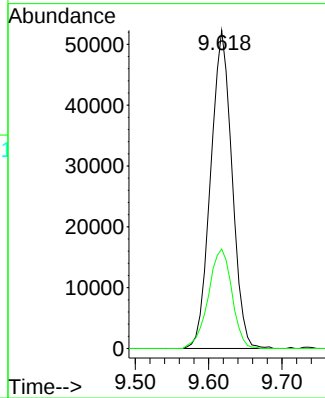
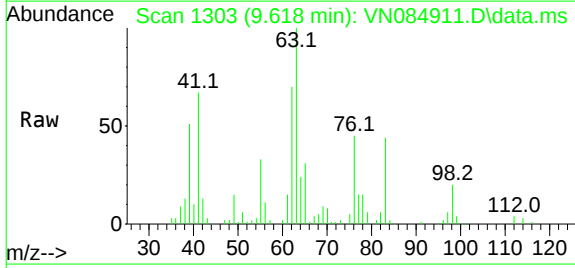
#45
1,2-Dichloropropane
Concen: 53.933 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 105711
Ion Ratio Lower Upper
63 100
65 31.3 24.6 37.0

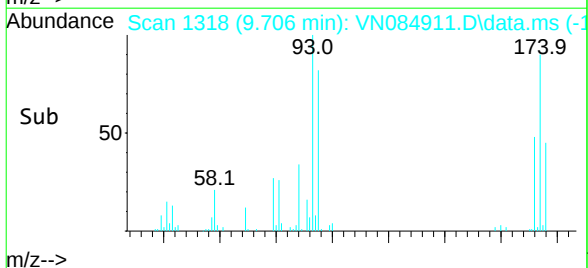
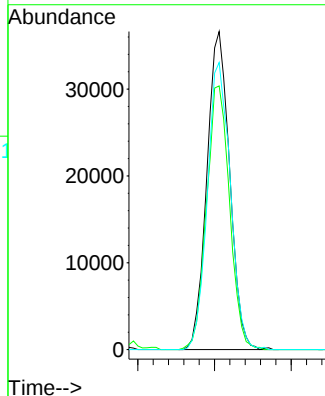
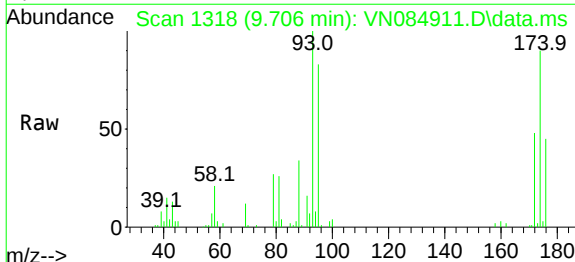
Manual Integrations
APPROVED

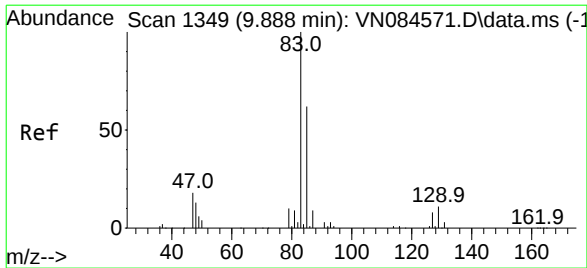
Reviewed By :John Carlone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024



#46
Dibromomethane
Concen: 54.629 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51

Tgt Ion: 93 Resp: 75555
Ion Ratio Lower Upper
93 100
95 83.9 65.0 97.4
174 91.1 71.8 107.8





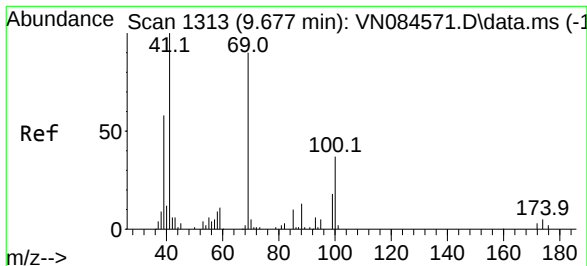
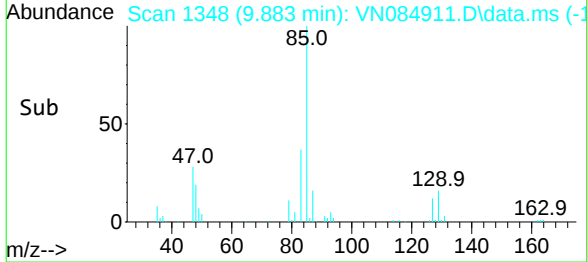
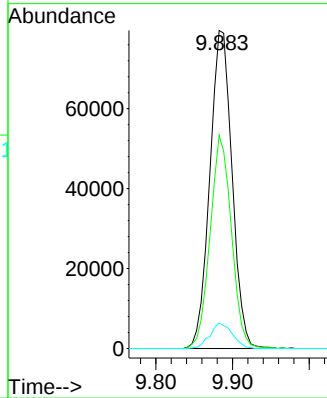
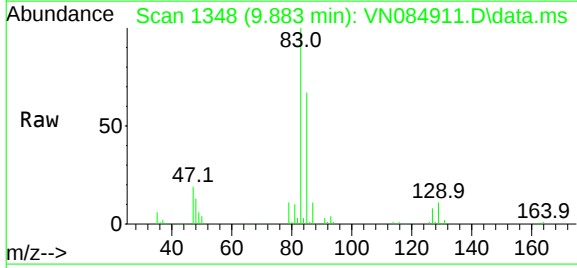
#47
Bromodichloromethane
Concen: 54.948 ug/l
RT: 9.883 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 160196
Ion Ratio Lower Upper
83 100
85 67.0 51.5 77.3
127 8.0 5.7 8.5

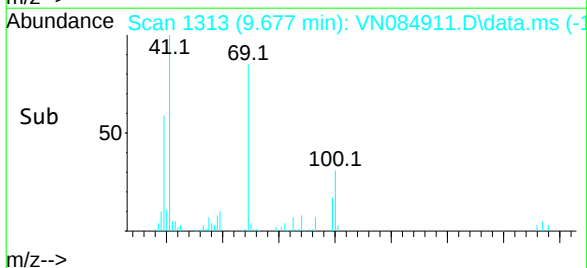
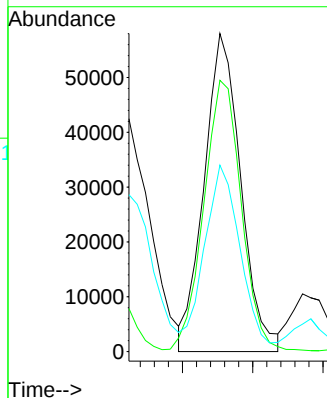
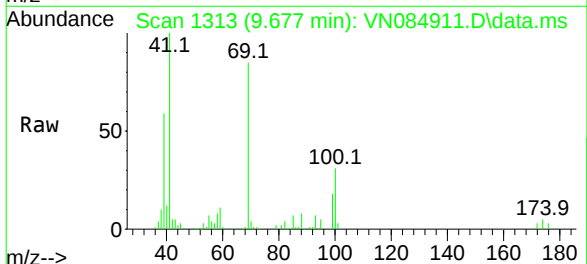
Manual Integrations
APPROVED

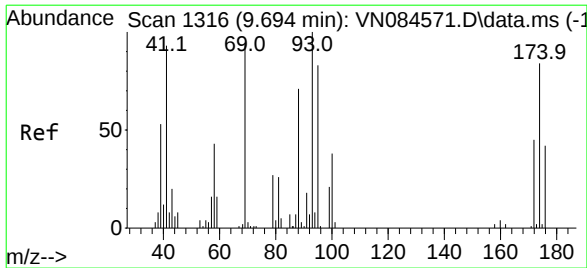
Reviewed By :John Carlone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024



#48
Methyl methacrylate
Concen: 57.226 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51

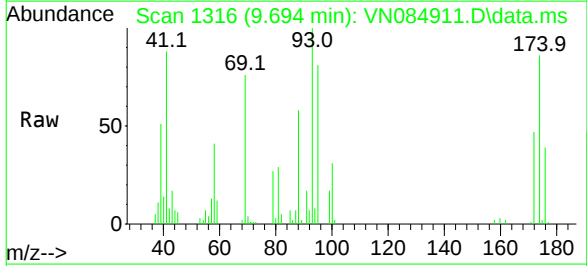
Tgt Ion: 41 Resp: 105134
Ion Ratio Lower Upper
41 100
69 87.8 67.1 100.7
39 57.6 45.8 68.6





#49
1,4-Dioxane
Concen: 1084.756 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51

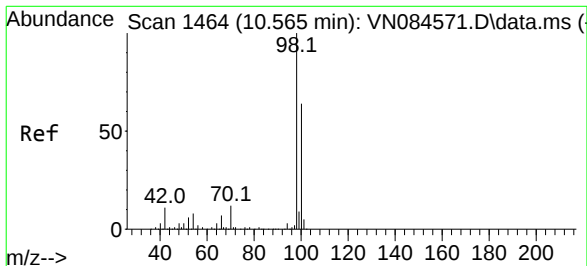
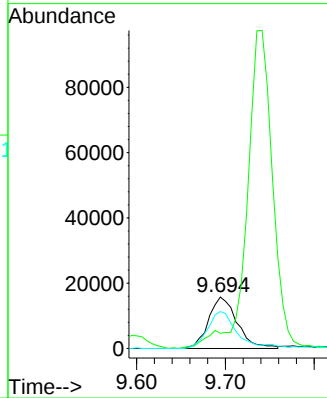
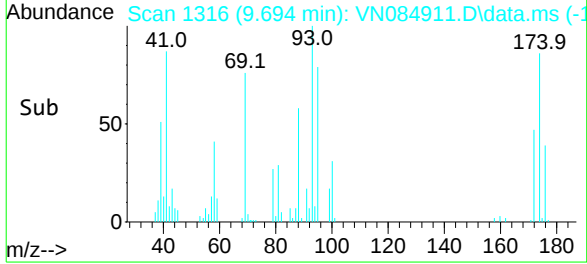
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 35315
Ion Ratio Lower Upper
88 100
43 20.9 25.3 37.9#
58 70.3 56.4 84.6

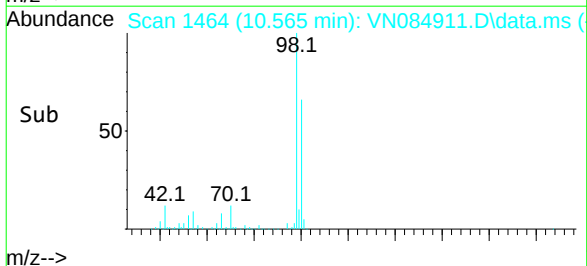
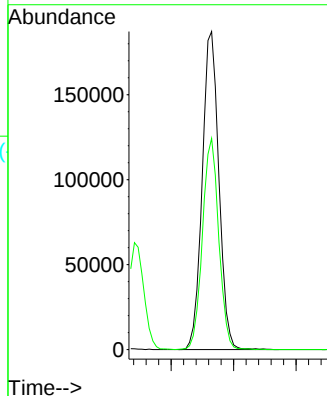
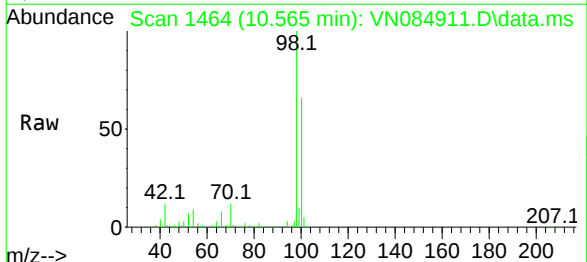
Manual Integrations
APPROVED

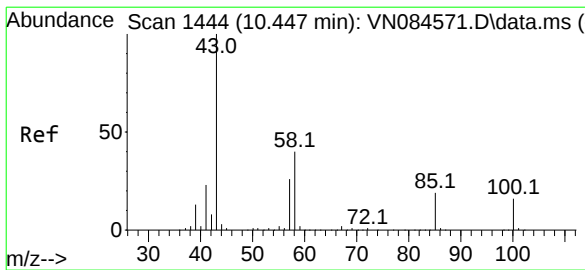
Reviewed By :John Carlone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024



#50
Toluene-d8
Concen: 50.038 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51

Tgt Ion: 98 Resp: 345790
Ion Ratio Lower Upper
98 100
100 65.0 52.7 79.1





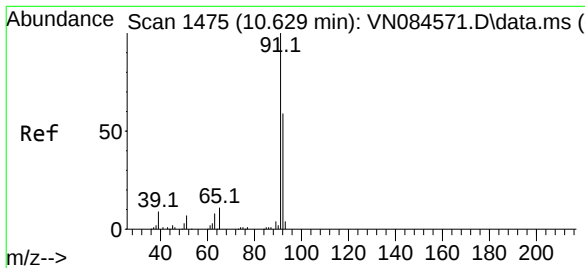
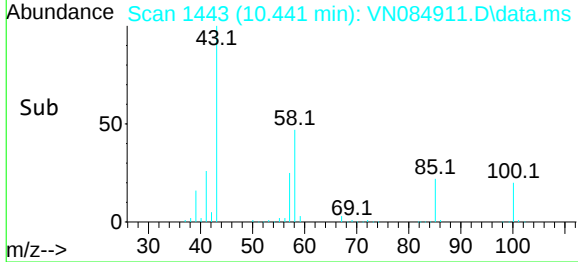
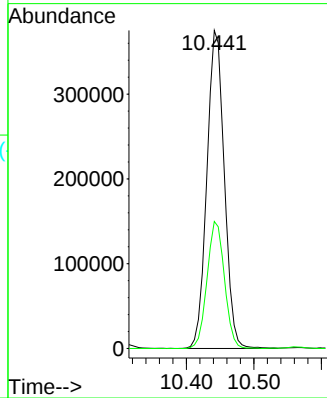
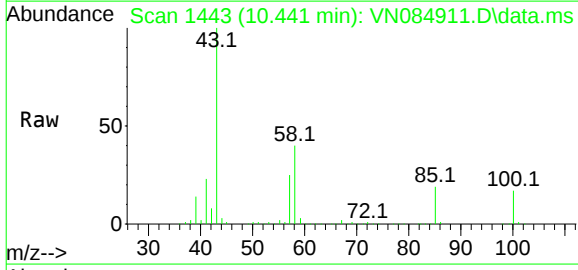
#51
4-Methyl-2-Pentanone
Concen: 299.418 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 673789
Ion Ratio Lower Upper
43 100
58 39.8 31.6 47.4

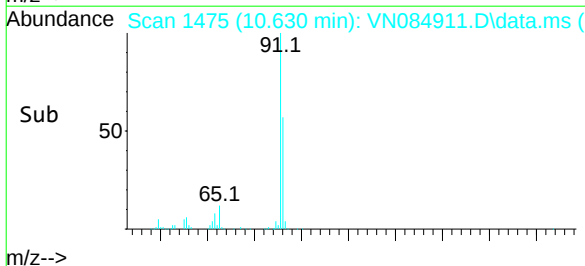
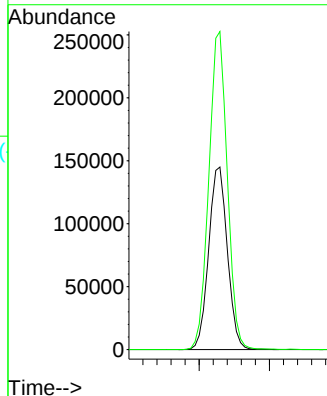
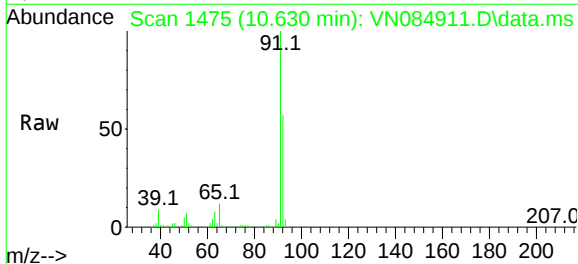
Manual Integrations
APPROVED

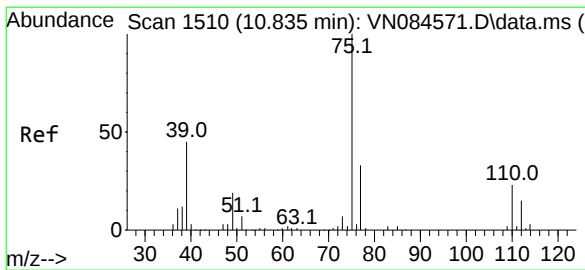
Reviewed By :John Carlone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024



#52
Toluene
Concen: 54.885 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51

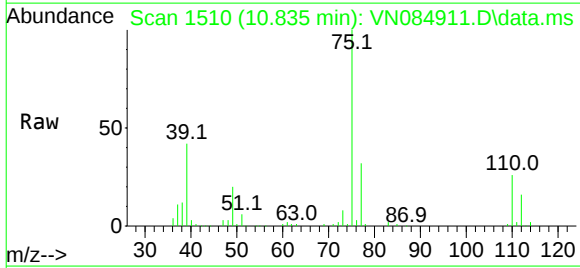
Tgt Ion: 92 Resp: 268205
Ion Ratio Lower Upper
92 100
91 172.1 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 51.864 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51

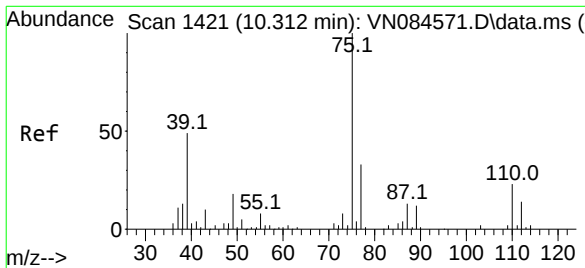
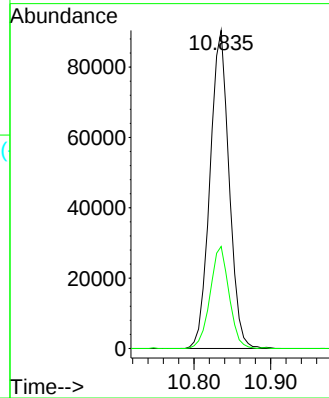
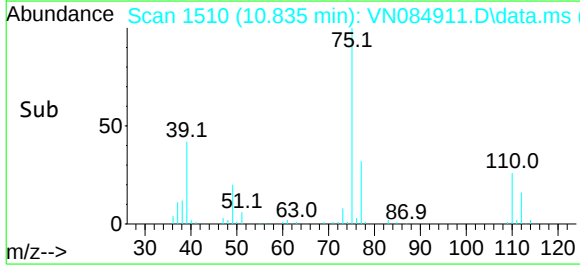
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



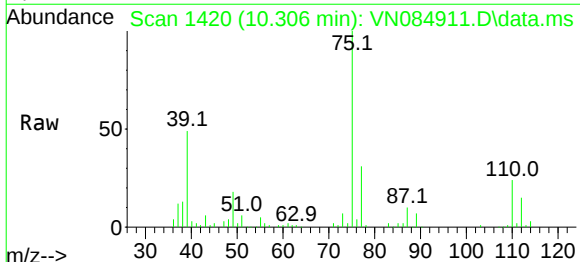
Tgt Ion: 75 Resp: 156513
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.0

Manual Integrations
APPROVED

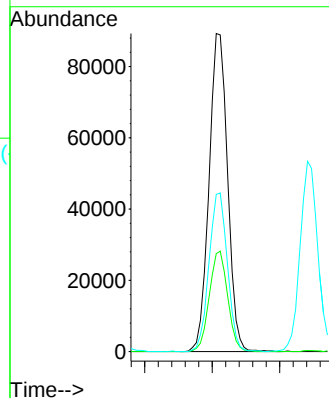
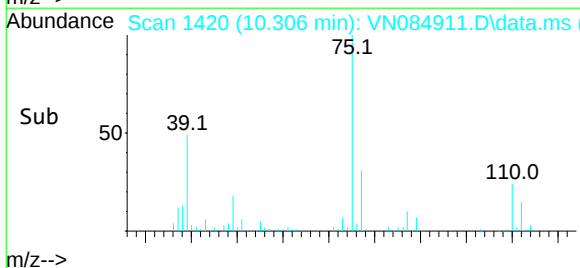
Reviewed By :John Carlone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024

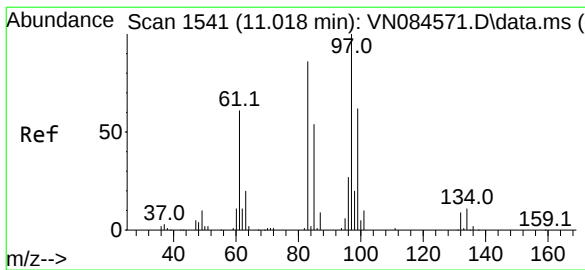


#54
cis-1,3-Dichloropropene
Concen: 53.367 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.006 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51



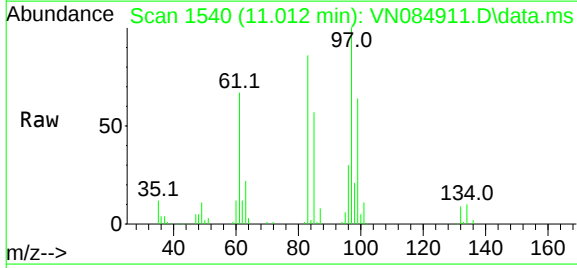
Tgt Ion: 75 Resp: 170454
Ion Ratio Lower Upper
75 100
77 30.8 24.2 36.2
39 49.4 38.7 58.1





#55
1,1,2-Trichloroethane
Concen: 54.720 ug/l
RT: 11.012 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51

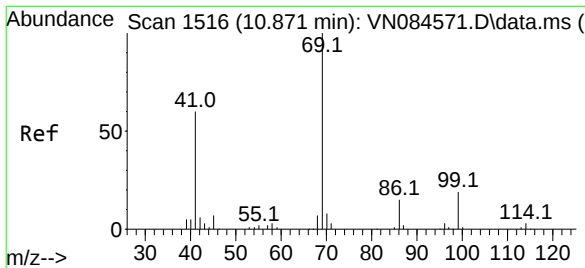
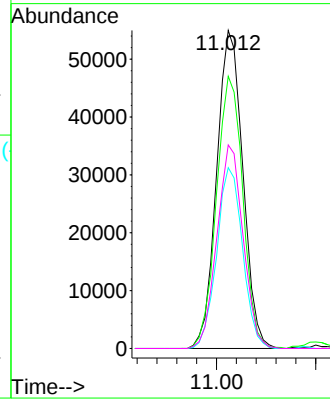
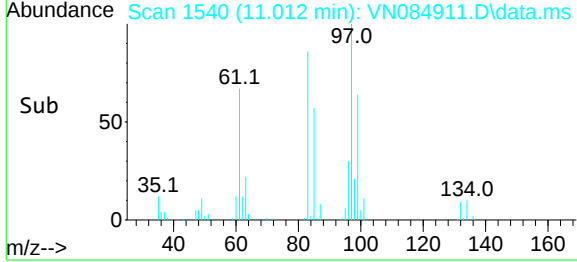
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 97 Resp: 100727
Ion Ratio Lower Upper
97 100
83 85.6 71.0 106.4
85 56.8 41.7 62.5
99 64.0 50.1 75.1

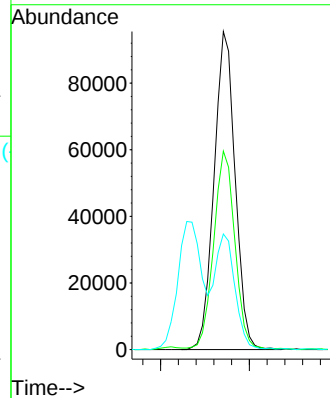
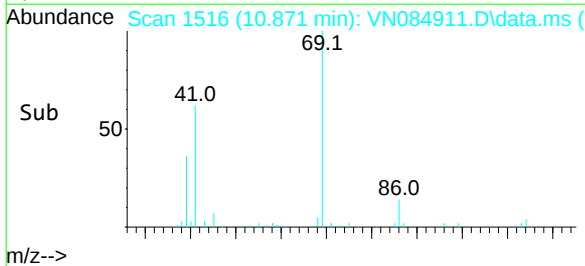
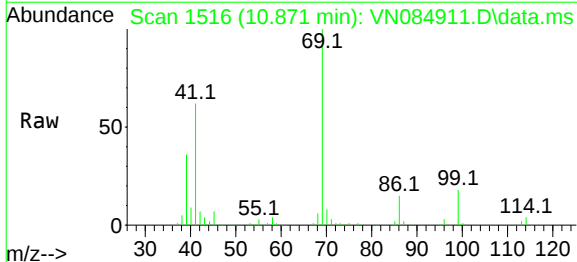
Manual Integrations
APPROVED

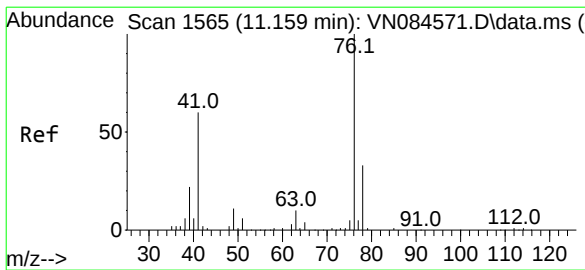
Reviewed By :John Carlone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024



#56
Ethyl methacrylate
Concen: 59.164 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51

Tgt Ion: 69 Resp: 157529
Ion Ratio Lower Upper
69 100
41 61.8 53.3 79.9
39 35.1 28.8 43.2





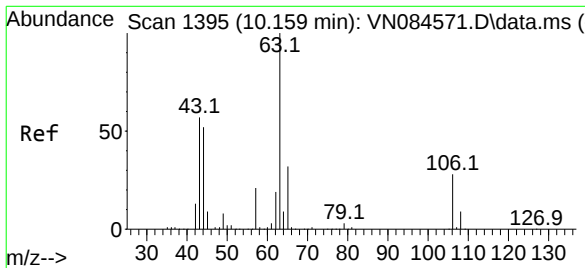
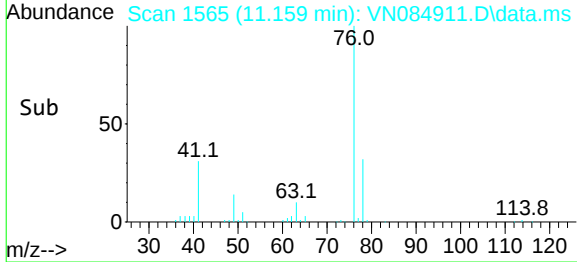
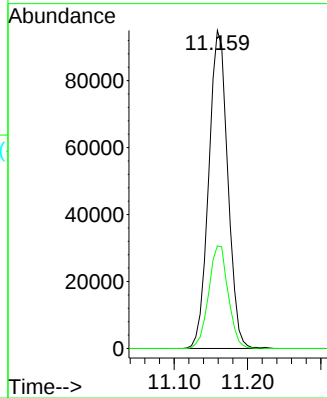
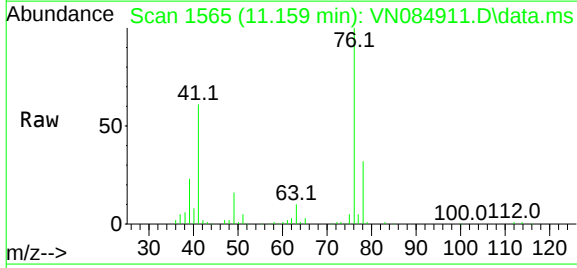
#57
1,3-Dichloropropane
Concen: 54.160 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 171101
Ion Ratio Lower Upper
76 100
78 33.1 25.8 38.6

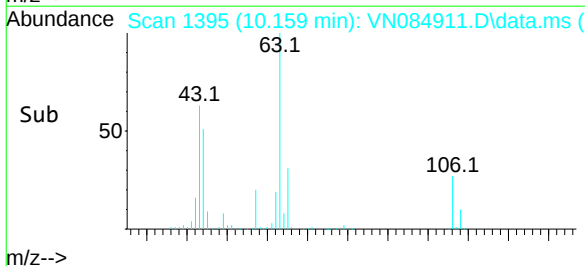
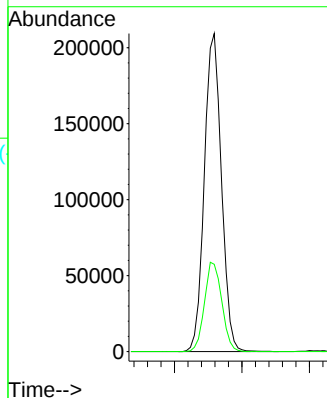
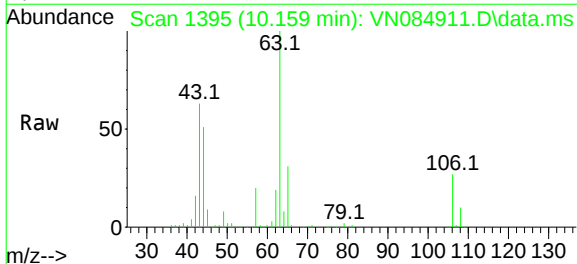
Manual Integrations
APPROVED

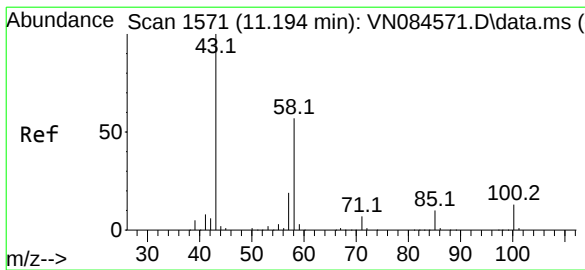
Reviewed By :John Carlone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024



#58
2-Chloroethyl Vinyl ether
Concen: 295.379 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51

Tgt Ion: 63 Resp: 368017
Ion Ratio Lower Upper
63 100
106 28.4 21.8 32.6





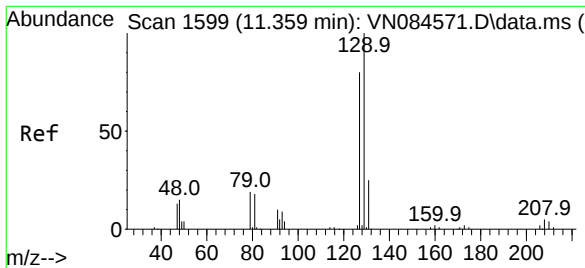
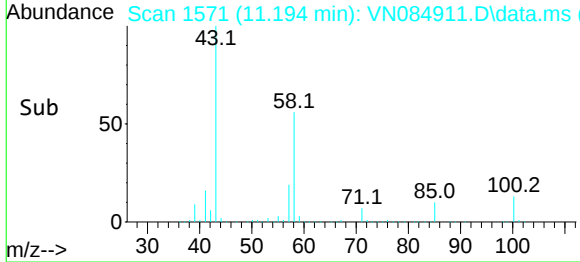
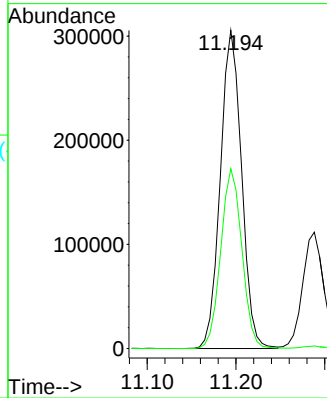
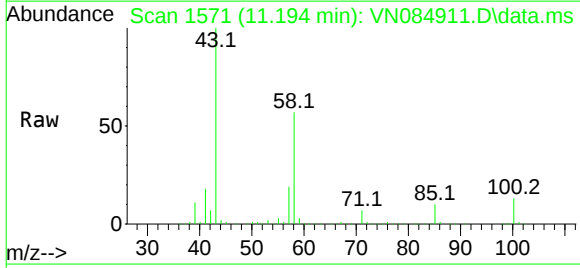
#59
2-Hexanone
Concen: 310.089 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 507919
Ion Ratio Lower Upper
43 100
58 56.2 27.3 81.8

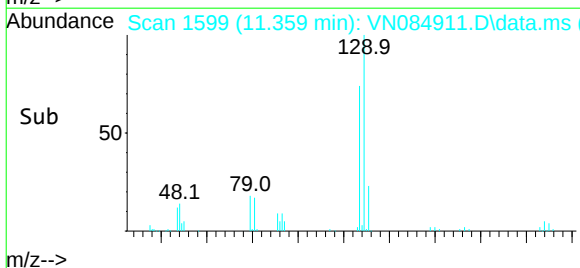
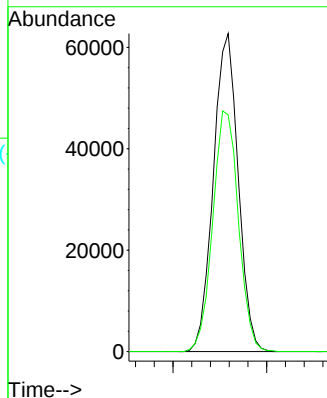
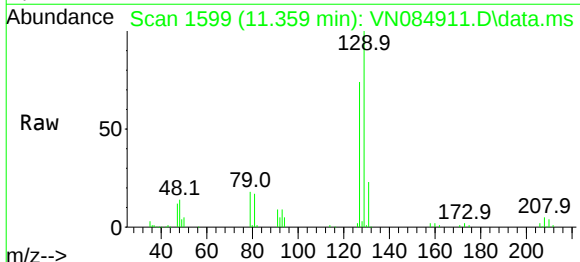
Manual Integrations
APPROVED

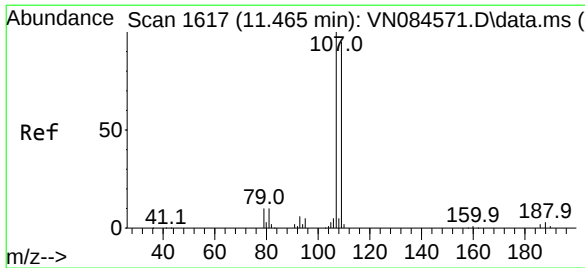
Reviewed By :John Carlone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024



#60
Dibromochloromethane
Concen: 55.117 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51

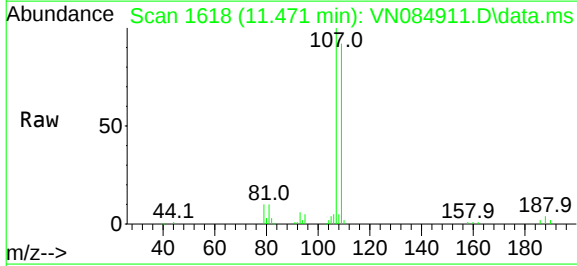
Tgt Ion:129 Resp: 115630
Ion Ratio Lower Upper
129 100
127 78.1 38.3 114.9





#61
1,2-Dibromoethane
Concen: 53.148 ug/l
RT: 11.471 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51

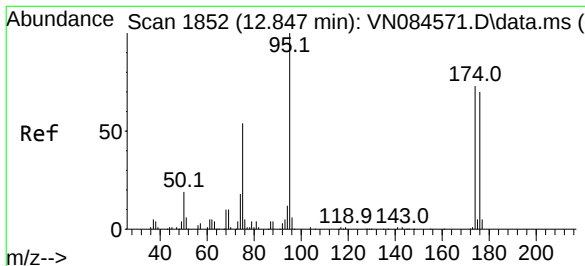
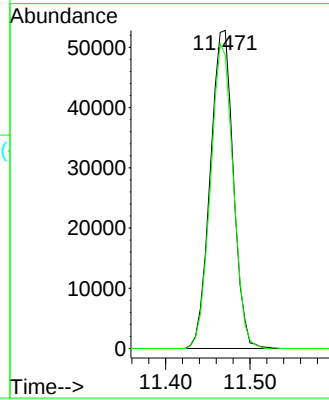
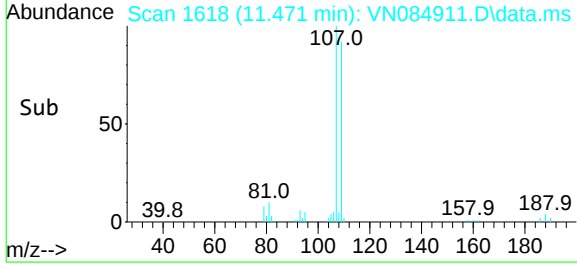
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 107 Resp: 100185
Ion Ratio Lower Upper
107 100
109 94.4 75.4 113.0

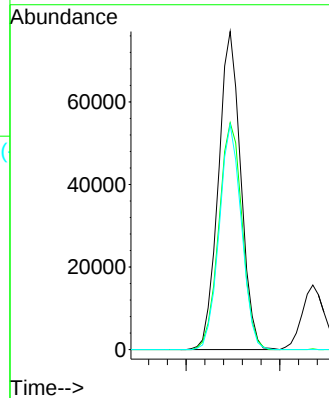
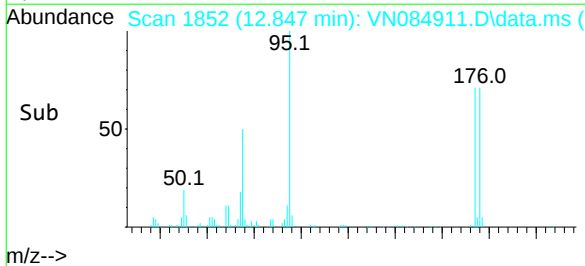
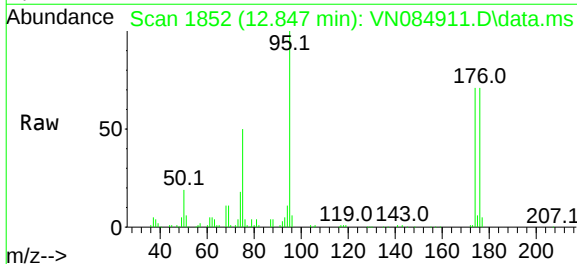
Manual Integrations
APPROVED

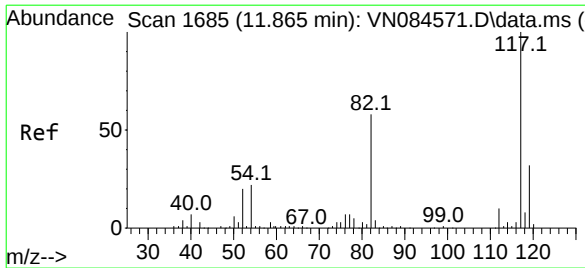
Reviewed By : John Carlone 11/19/2024
Supervised By : Mahesh Dadoda 11/19/2024



#62
4-Bromofluorobenzene
Concen: 49.520 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51

Tgt Ion: 95 Resp: 127896
Ion Ratio Lower Upper
95 100
174 74.1 0.0 145.2
176 70.0 0.0 140.0





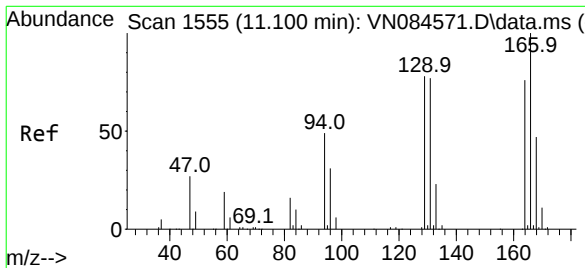
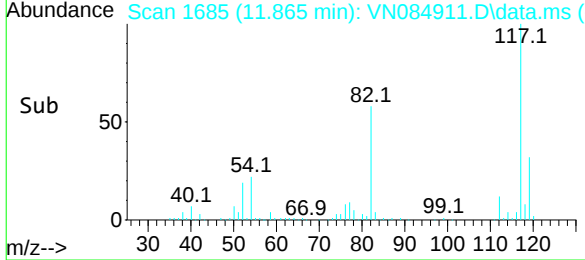
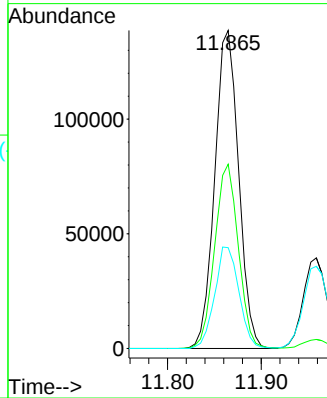
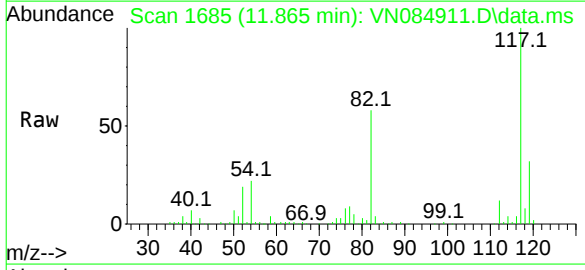
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 245519
Ion Ratio Lower Upper
117 100
82 57.9 47.2 70.8
119 31.7 25.4 38.0

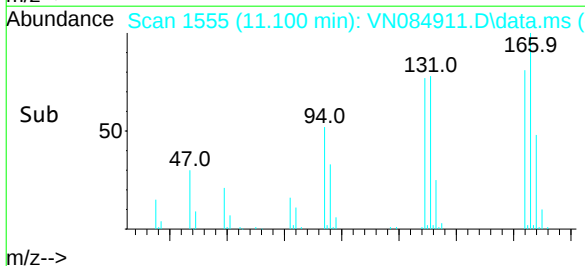
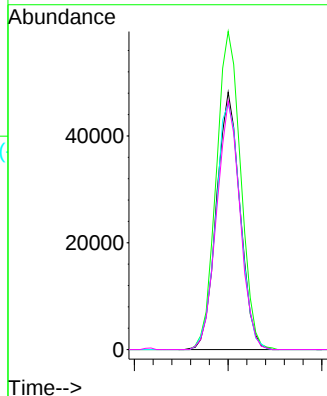
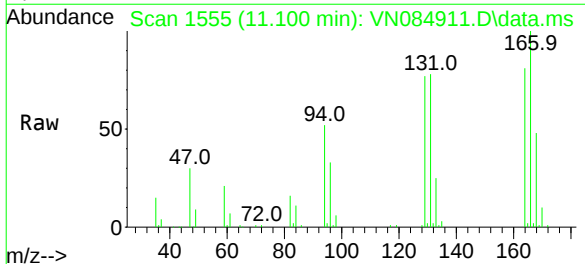
Manual Integrations
APPROVED

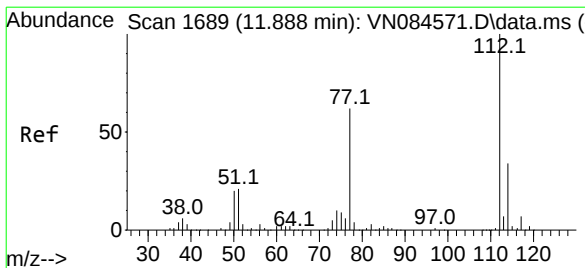
Reviewed By :John Carlone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024



#64
Tetrachloroethene
Concen: 51.572 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51

Tgt Ion:164 Resp: 84223
Ion Ratio Lower Upper
164 100
166 123.6 101.0 151.4
129 95.6 80.8 121.2
131 96.6 78.1 117.1





#65

Chlorobenzene

Concen: 51.022 ug/l

RT: 11.888 min Scan# 1689

Delta R.T. 0.000 min

Lab File: VN084911.D

Acq: 18 Nov 2024 09:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:112 Resp: 280248

Ion Ratio Lower Upper

112 100

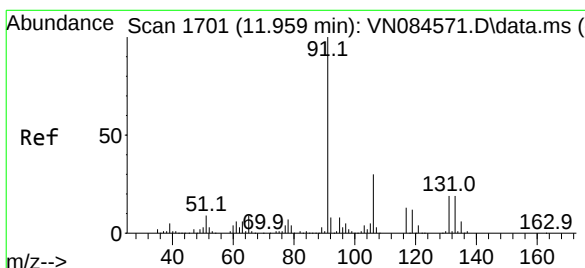
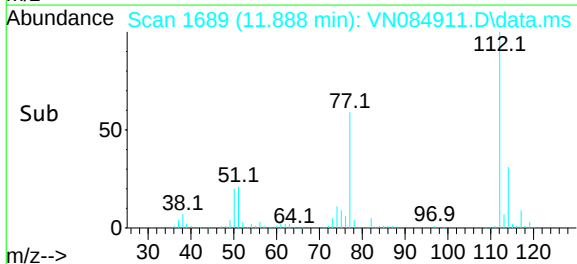
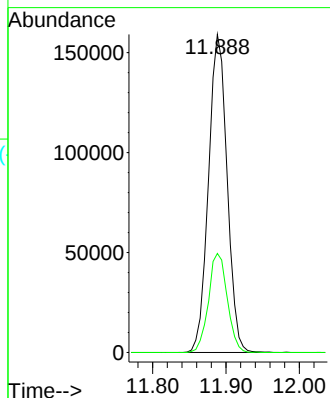
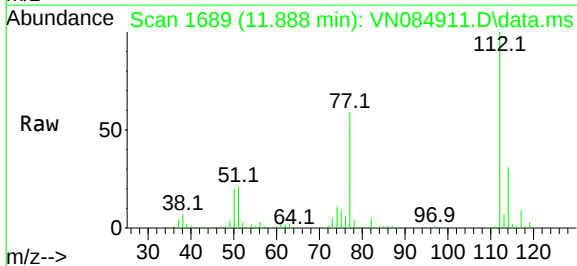
114 31.1 27.0 40.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/19/2024

Supervised By :Mahesh Dadoda 11/19/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 53.800 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VN084911.D

Acq: 18 Nov 2024 09:51

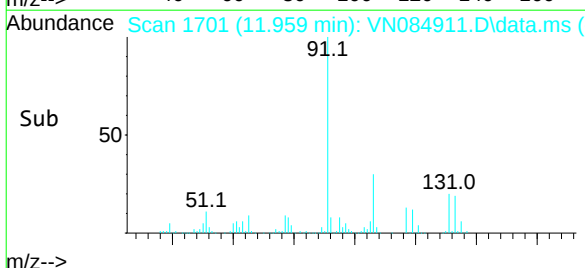
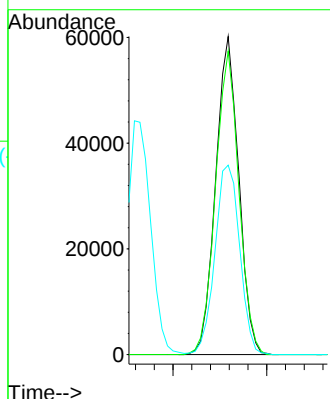
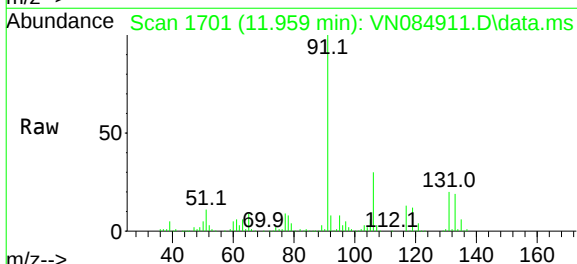
Tgt Ion:131 Resp: 102787

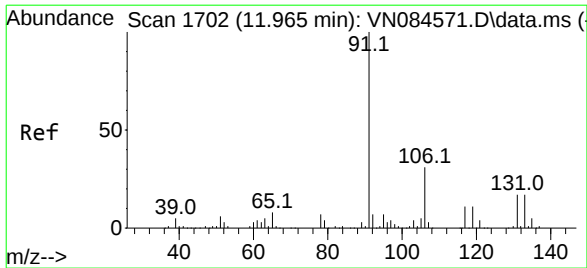
Ion Ratio Lower Upper

131 100

133 96.8 47.9 143.7

119 64.1 32.8 98.3





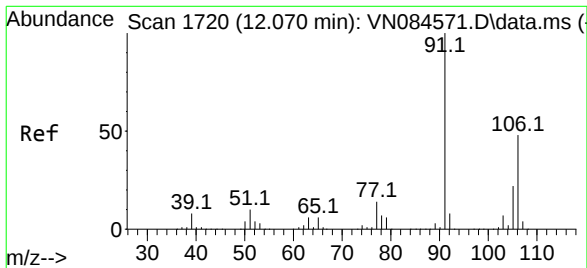
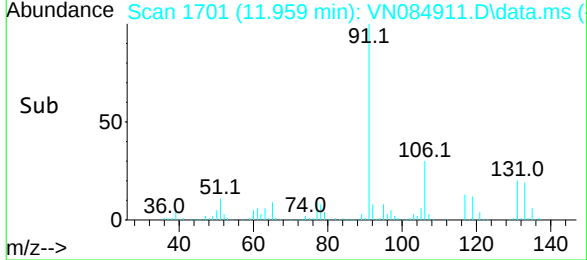
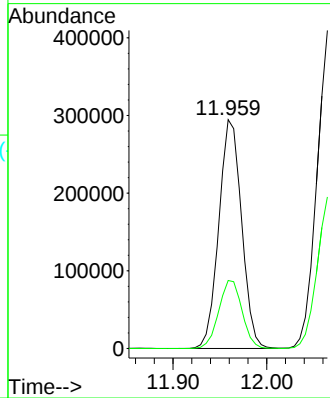
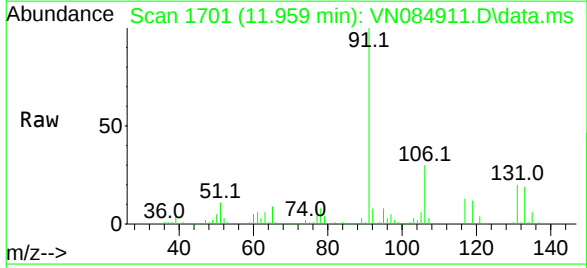
#67
Ethyl Benzene
Concen: 54.224 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 497151
Ion Ratio Lower Upper
91 100
106 29.7 24.5 36.7

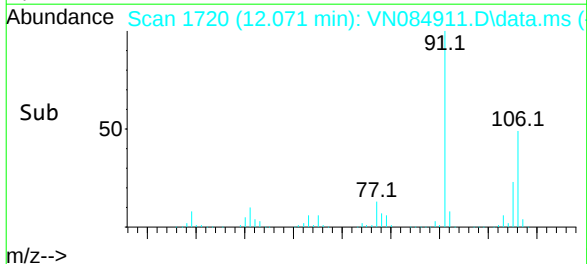
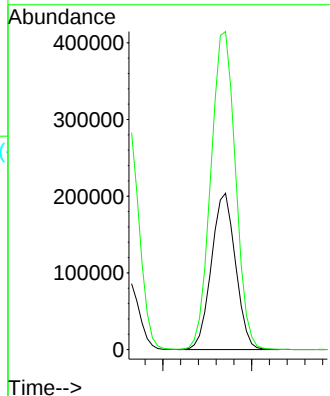
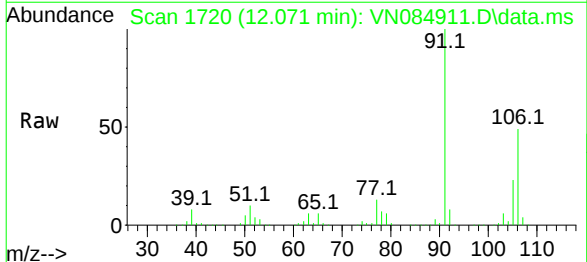
Manual Integrations
APPROVED

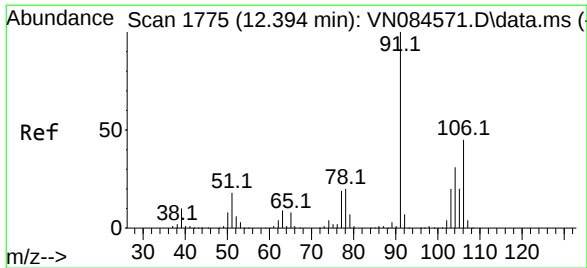
Reviewed By :John Carlone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024



#68
m/p-Xylenes
Concen: 110.877 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51

Tgt Ion:106 Resp: 384862
Ion Ratio Lower Upper
106 100
91 208.1 167.1 250.7





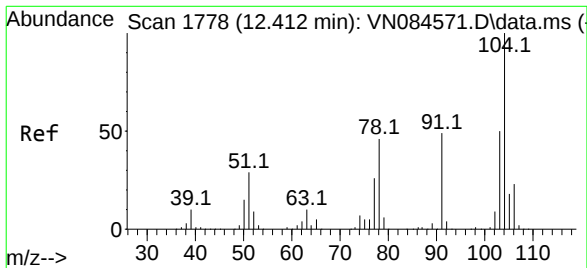
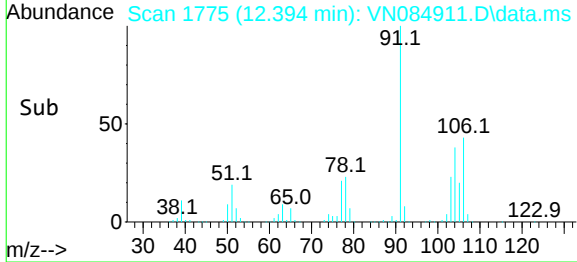
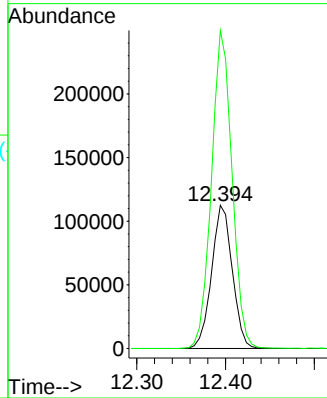
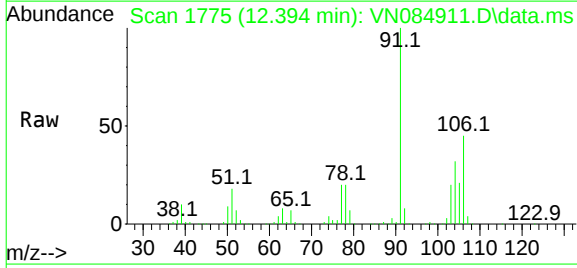
#69
o-Xylene
Concen: 56.150 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 182327
Ion Ratio Lower Upper
106 100
91 220.7 110.2 330.6

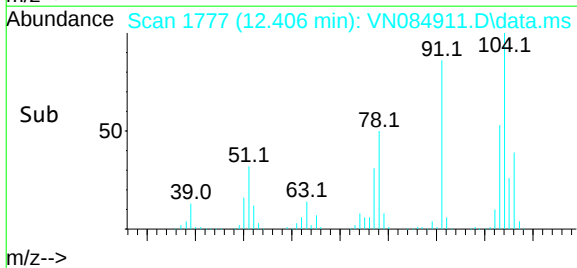
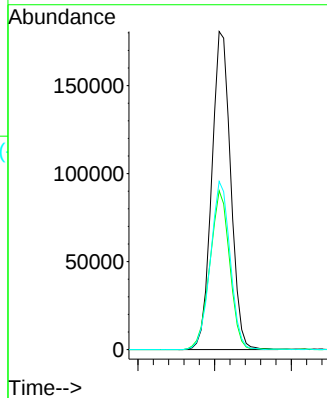
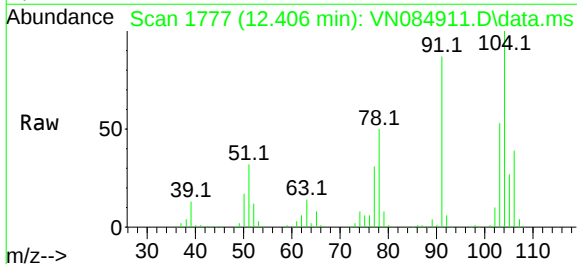
Manual Integrations
APPROVED

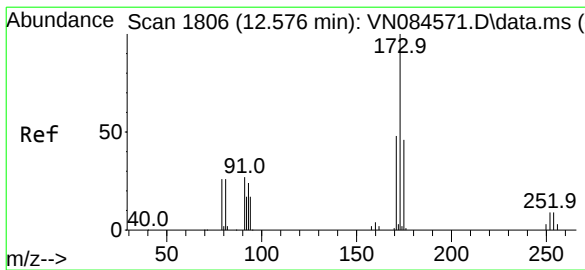
Reviewed By :John Carlone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024



#70
Styrene
Concen: 54.839 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51

Tgt Ion:104 Resp: 310628
Ion Ratio Lower Upper
104 100
78 52.1 42.7 64.1
103 55.0 43.6 65.4





#71

Bromoform

Concen: 53.228 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN084911.D

Acq: 18 Nov 2024 09:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

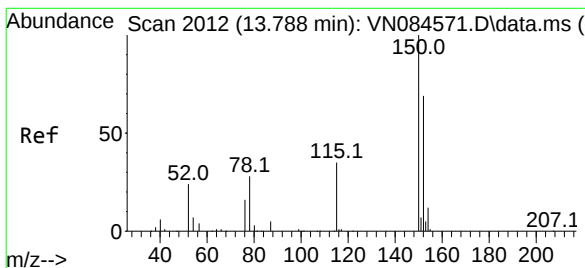
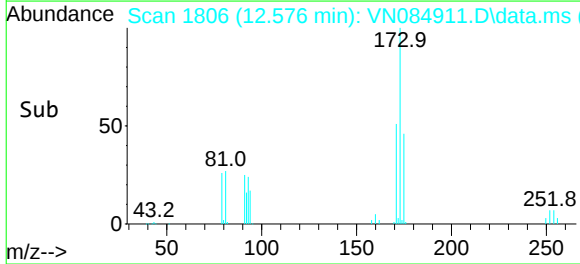
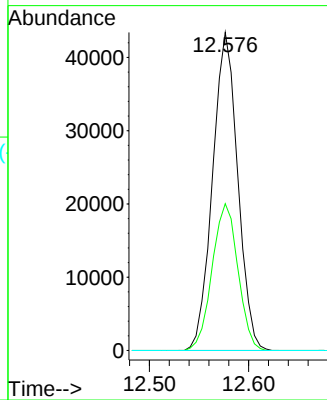
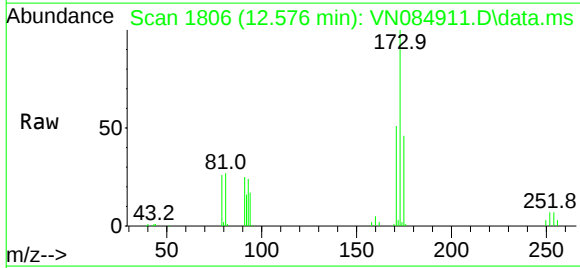
Tgt Ion:	173	Resp:	76522
Ion Ratio	Lower	Upper	
173	100		
175	47.3	23.5	70.6
254	0.0	0.0	0.0

Manual Integrations

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Reviewed By :John Carlone 11/19/2024

Supervised By :Mahesh Dadoda 11/19/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

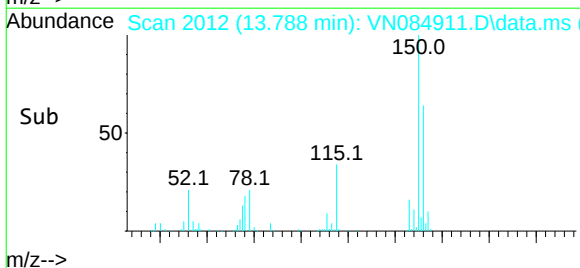
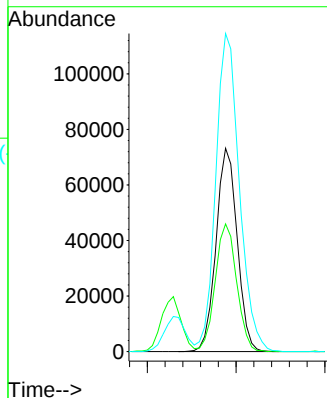
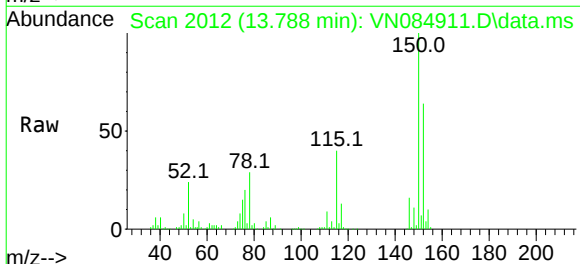
RT: 13.788 min Scan# 2012

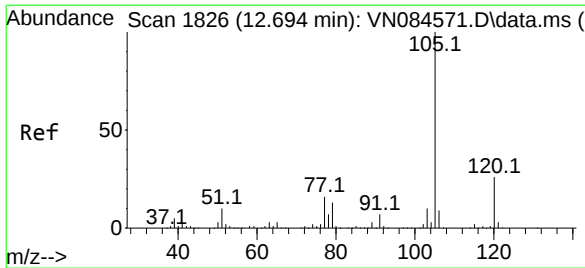
Delta R.T. 0.000 min

Lab File: VN084911.D

Acq: 18 Nov 2024 09:51

Tgt Ion:	152	Resp:	120987
Ion Ratio	Lower	Upper	
152	100		
115	63.9	31.3	93.9
150	174.6	0.0	349.8





#73

Isopropylbenzene

Concen: 54.949 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN084911.D

Acq: 18 Nov 2024 09:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 465886

Ion Ratio Lower Upper

105 100

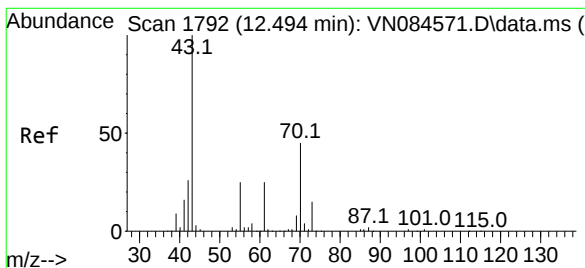
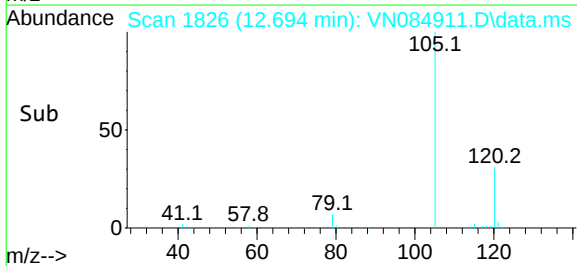
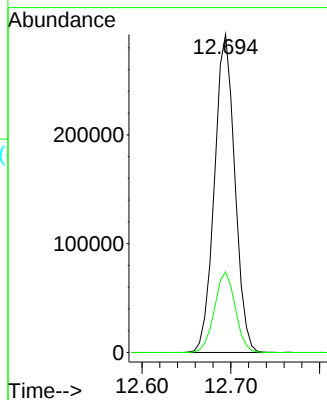
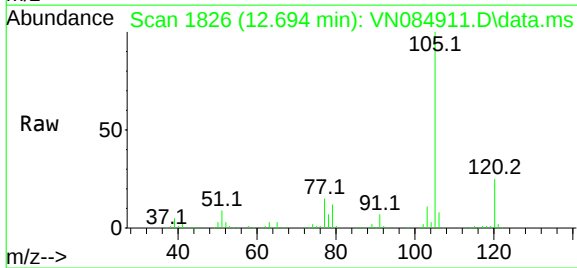
120 25.9 12.9 38.7

Manual Integrations

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Reviewed By :John Carlone 11/19/2024

Supervised By :Mahesh Dadoda 11/19/2024



#74

N-ethyl acetate

Concen: 54.252 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN084911.D

Acq: 18 Nov 2024 09:51

Tgt Ion: 43 Resp: 195775

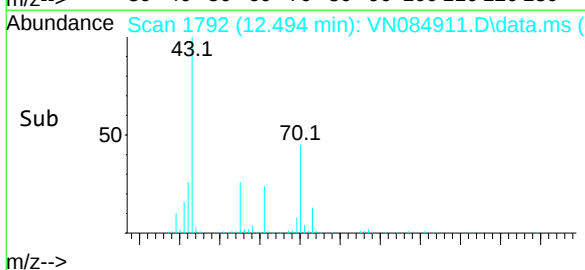
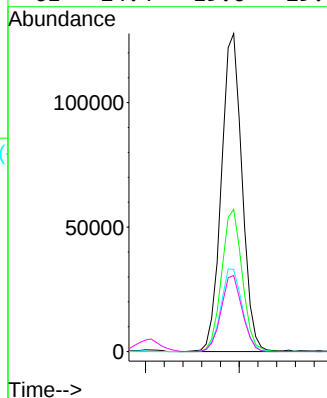
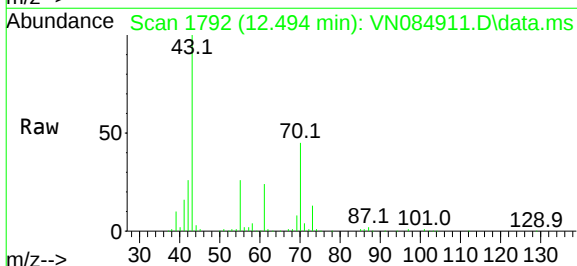
Ion Ratio Lower Upper

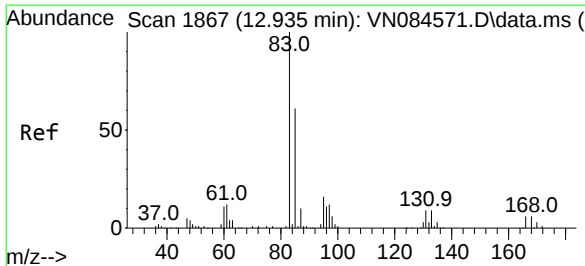
43 100

70 44.4 34.4 51.6

55 27.0 19.6 29.4

61 24.4 19.6 29.4





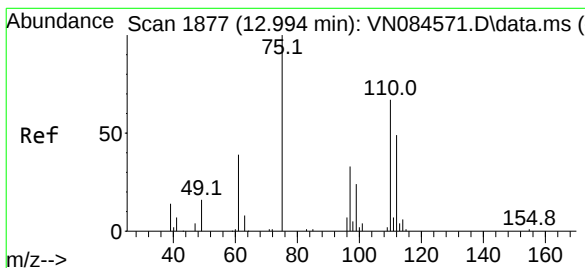
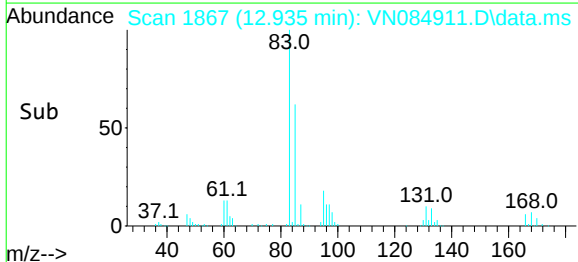
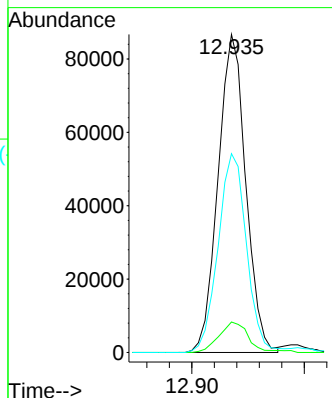
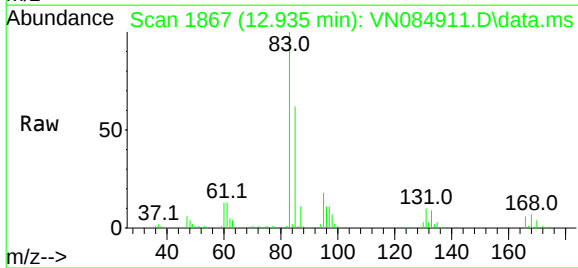
#75
1,1,2,2-Tetrachloroethane
Concen: 52.394 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	83	Resp:	148276
Ion	Ratio	Lower	Upper
83	100		
131	10.3	4.9	14.7
85	64.2	31.9	95.7

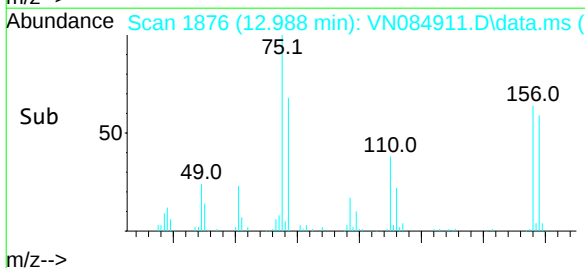
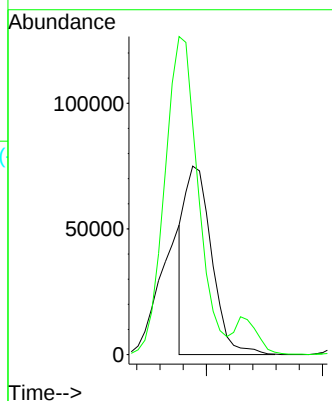
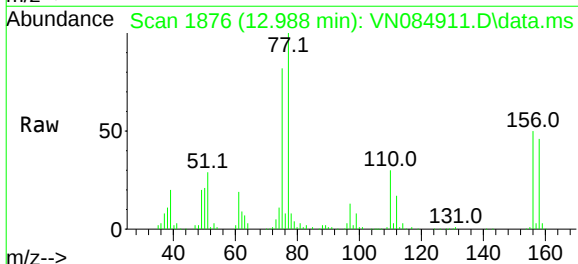
Manual Integrations
APPROVED

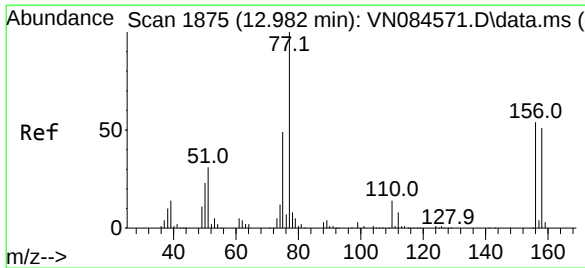
Reviewed By :John Carlone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024



#76
1,2,3-Trichloropropane
Concen: 50.130 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51

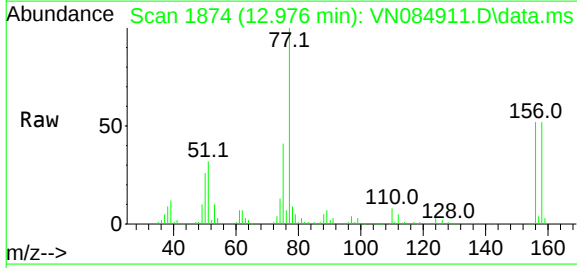
Tgt Ion:	75	Resp:	121239
Ion	Ratio	Lower	Upper
75	100		
77	208.2	96.9	290.7





#77
Bromobenzene
Concen: 50.527 ug/l
RT: 12.976 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51

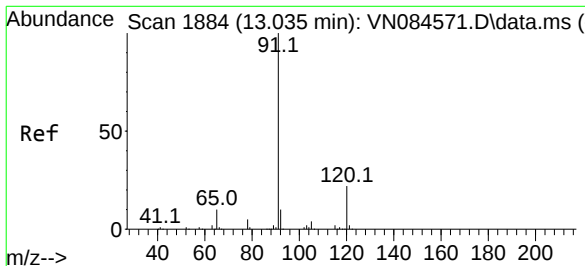
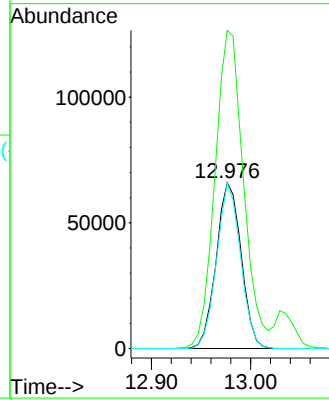
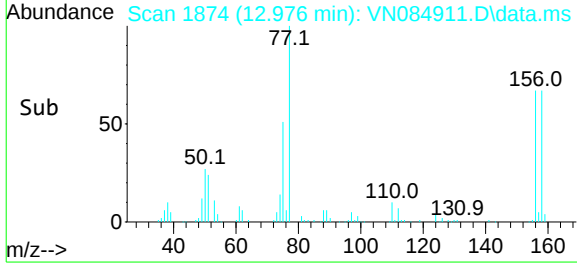
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 156 Resp: 115164
Ion Ratio Lower Upper
156 100
77 219.2 115.1 345.3
158 95.3 48.9 146.8

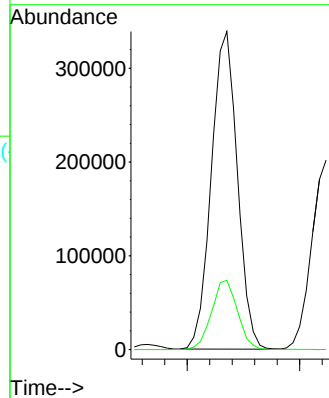
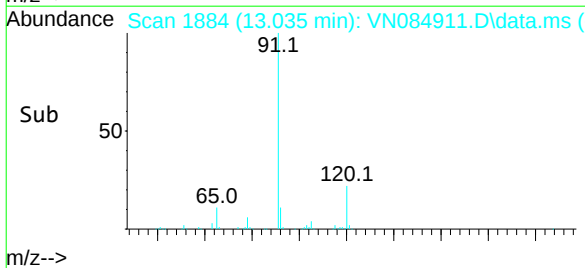
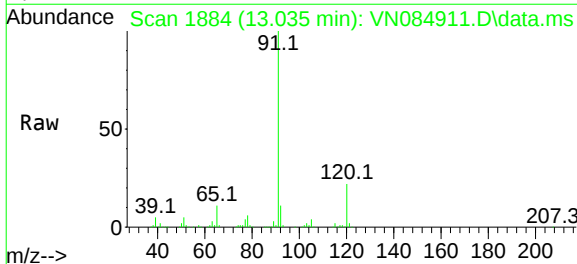
Manual Integrations
APPROVED

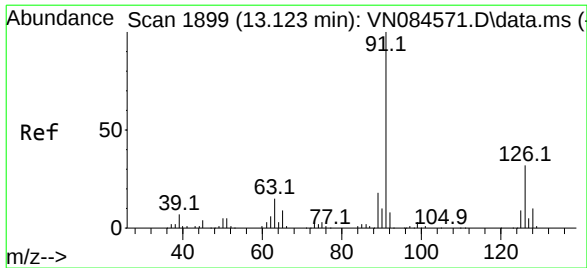
Reviewed By :John Carlone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024



#78
n-propylbenzene
Concen: 54.683 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51

Tgt Ion: 91 Resp: 543291
Ion Ratio Lower Upper
91 100
120 21.7 10.8 32.4





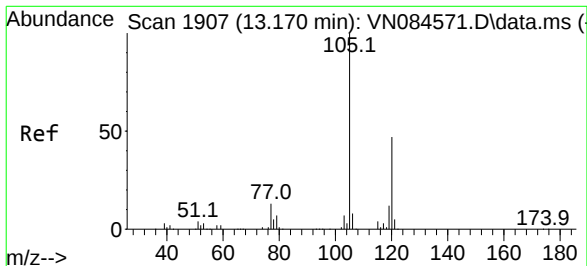
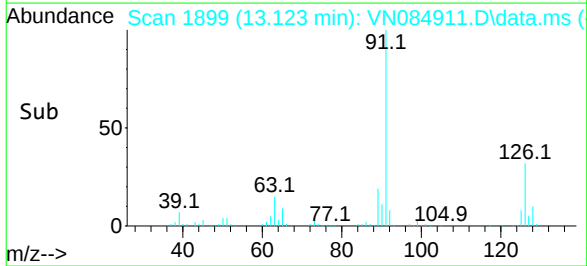
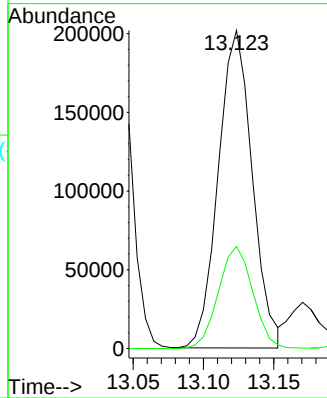
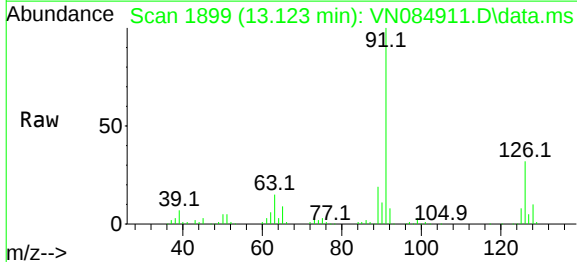
#79
2-Chlorotoluene
Concen: 52.198 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 338859
Ion Ratio Lower Upper
91 100
126 32.5 15.7 47.1

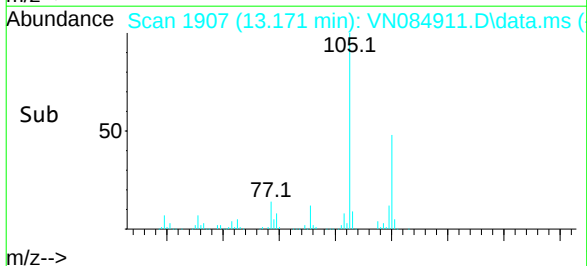
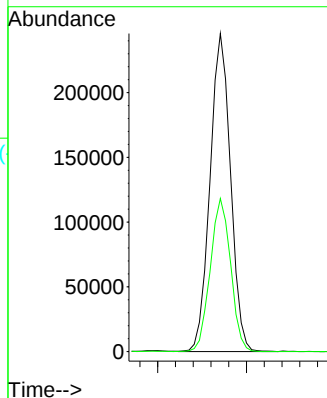
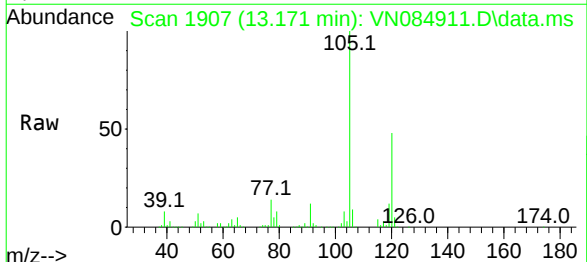
Manual Integrations
APPROVED

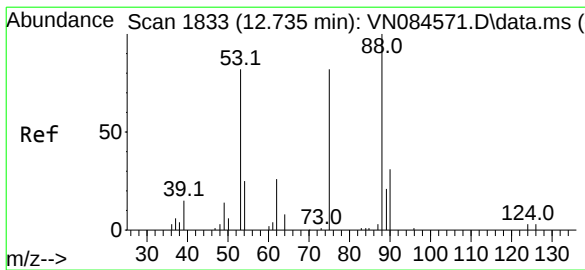
Reviewed By :John Carlone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024



#80
1,3,5-Trimethylbenzene
Concen: 56.125 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51

Tgt Ion:105 Resp: 394394
Ion Ratio Lower Upper
105 100
120 47.7 23.7 71.1





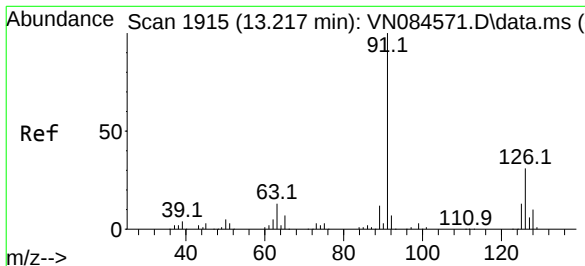
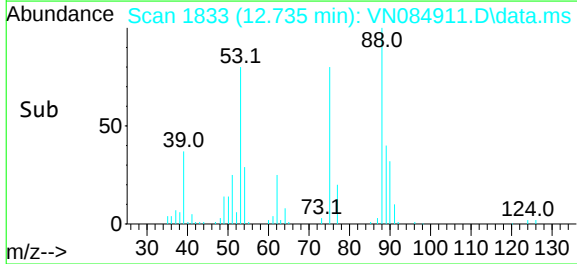
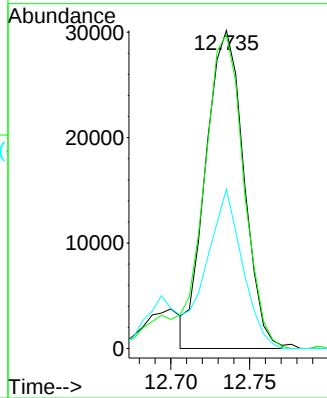
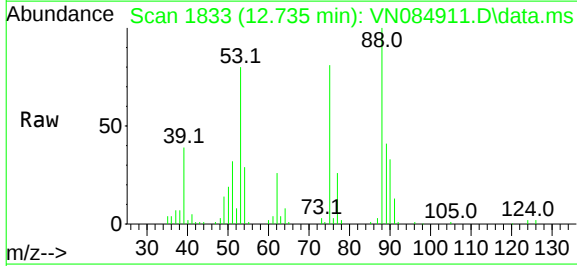
#81
trans-1,4-Dichloro-2-butene
Concen: 49.616 ug/l m
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 50580
Ion Ratio Lower Upper
75 100
53 111.4 78.0 117.0
89 47.4 35.5 53.3

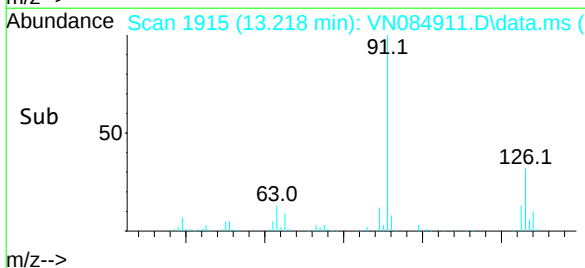
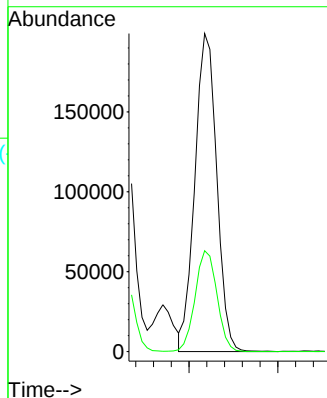
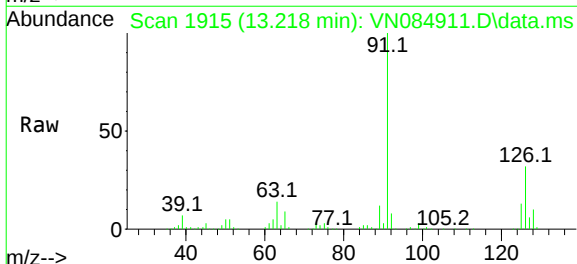
Manual Integrations
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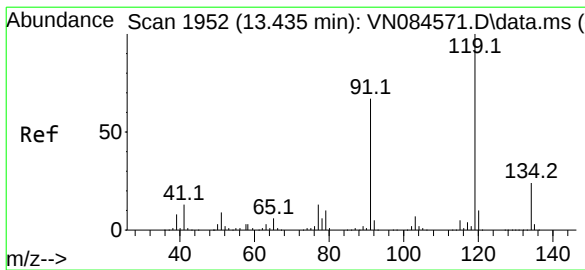
Reviewed By :John Carlone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024



#82
4-Chlorotoluene
Concen: 49.791 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51

Tgt Ion: 91 Resp: 340174
Ion Ratio Lower Upper
91 100
126 31.8 15.7 47.1





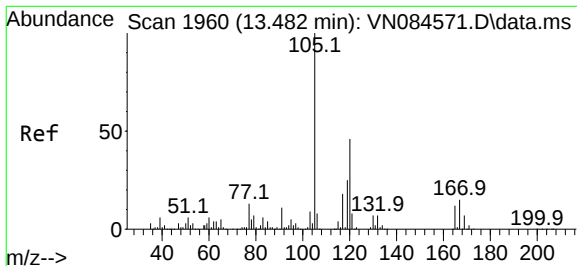
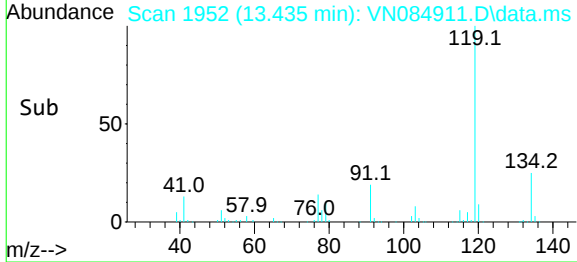
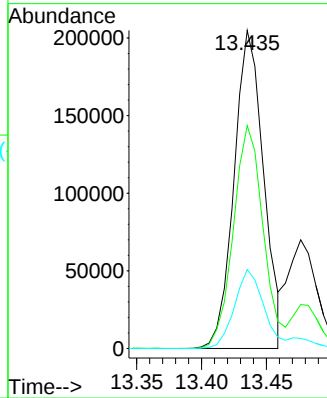
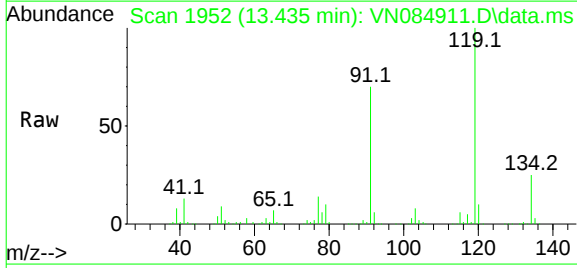
#83
tert-Butylbenzene
Concen: 55.819 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 324633
Ion Ratio Lower Upper
119 100
91 71.2 34.1 102.3
134 24.6 12.8 38.4

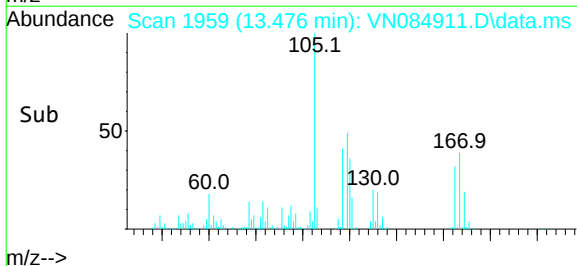
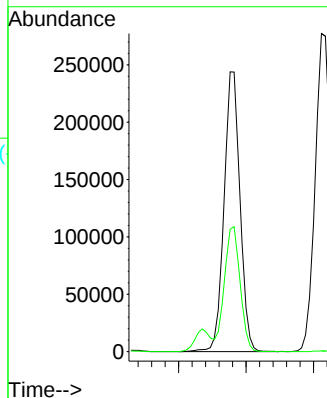
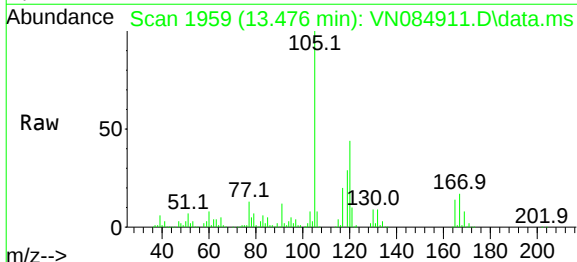
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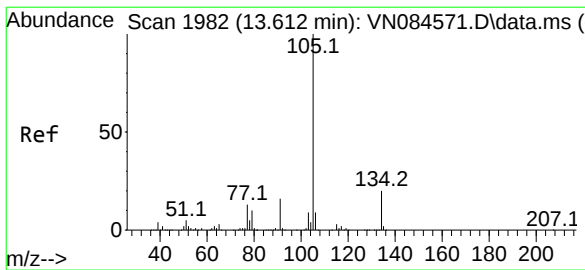
Reviewed By :John Carlone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024



#84
1,2,4-Trimethylbenzene
Concen: 55.272 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.006 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51

Tgt Ion:105 Resp: 400869
Ion Ratio Lower Upper
105 100
120 43.9 22.3 66.8





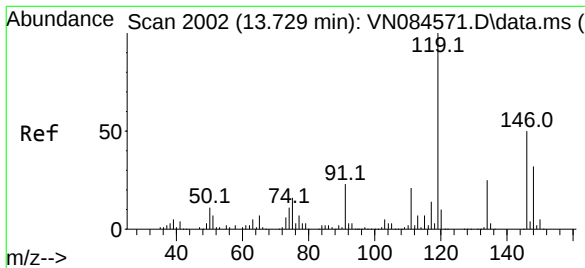
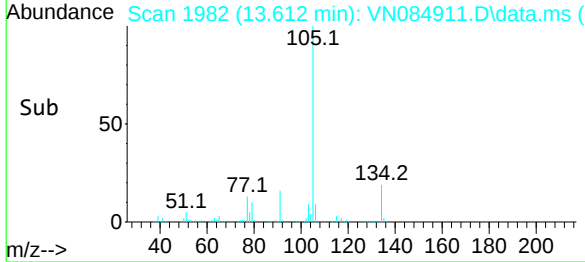
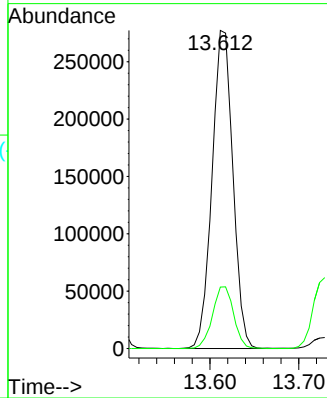
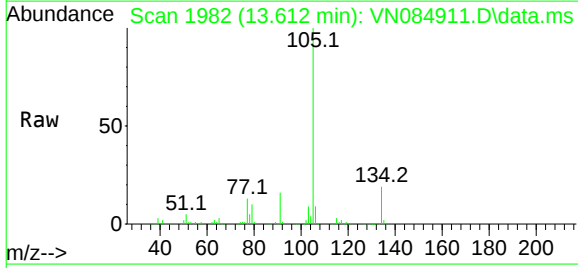
#85
 sec-Butylbenzene
 Concen: 55.073 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.006 min
 Lab File: VN084911.D
 Acq: 18 Nov 2024 09:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 452436
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4

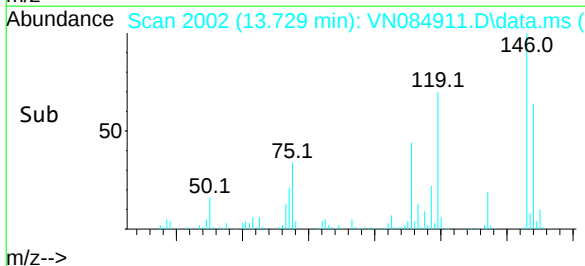
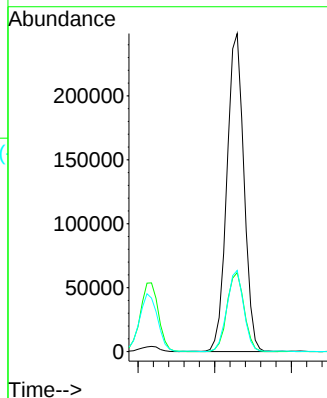
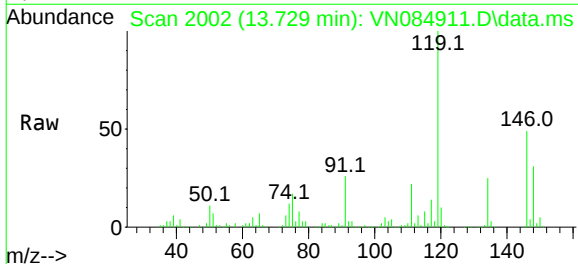
Manual Integrations
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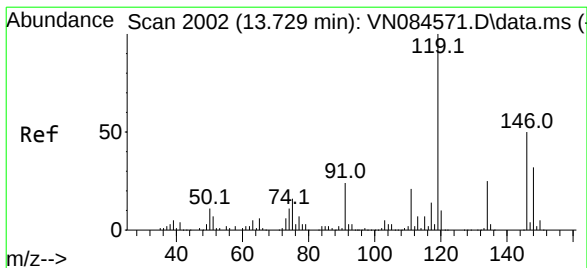
Reviewed By :John Carlone 11/19/2024
 Supervised By :Mahesh Dadoda 11/19/2024



#86
 p-Isopropyltoluene
 Concen: 57.027 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN084911.D
 Acq: 18 Nov 2024 09:51

Tgt Ion:119 Resp: 384216
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.6 37.8
 91 25.1 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 46.729 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084911.D

Acq: 18 Nov 2024 09:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 207861

Ion Ratio Lower Upper

146 100

111 42.3 21.8 65.3

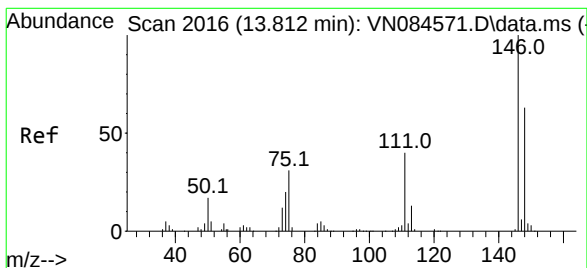
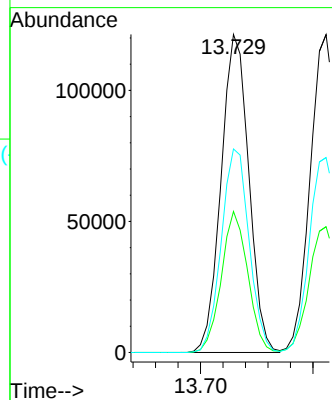
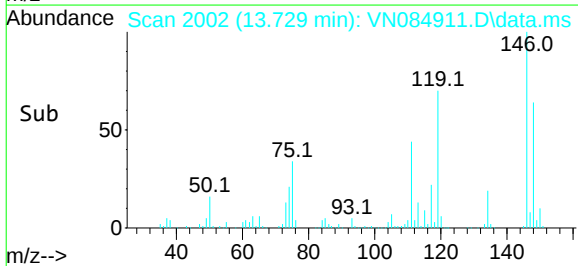
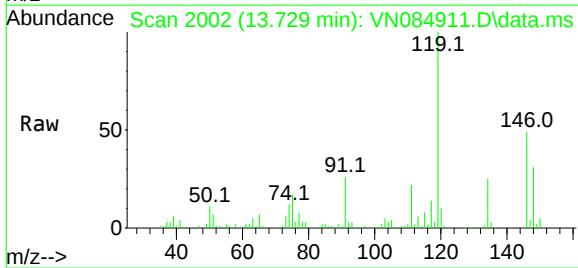
148 64.2 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/19/2024

Supervised By :Mahesh Dadoda 11/19/2024



#88

1,4-Dichlorobenzene

Concen: 50.751 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN084911.D

Acq: 18 Nov 2024 09:51

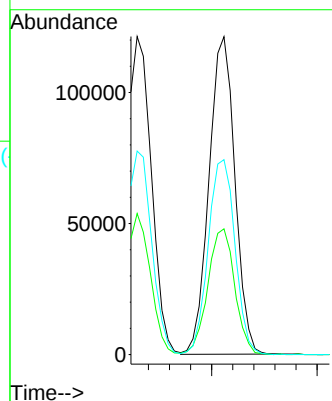
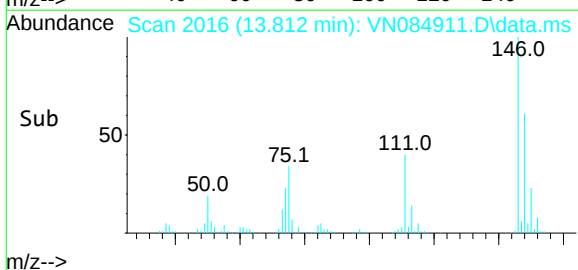
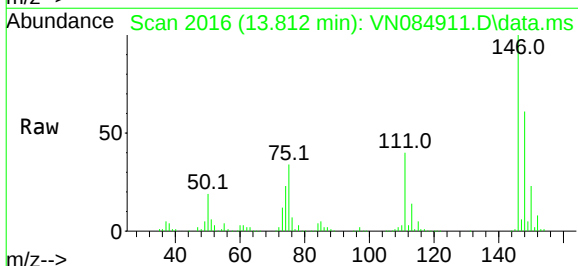
Tgt Ion:146 Resp: 206880

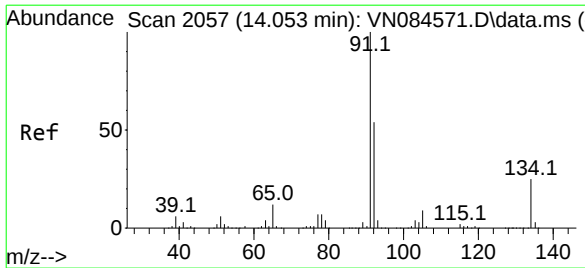
Ion Ratio Lower Upper

146 100

111 41.2 21.2 63.6

148 63.6 31.9 95.9





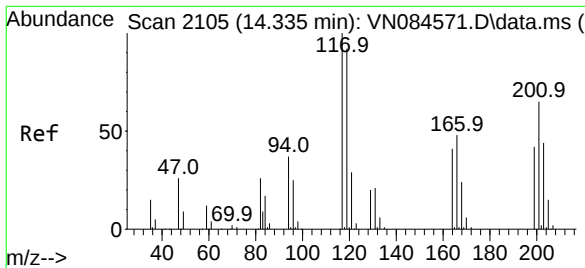
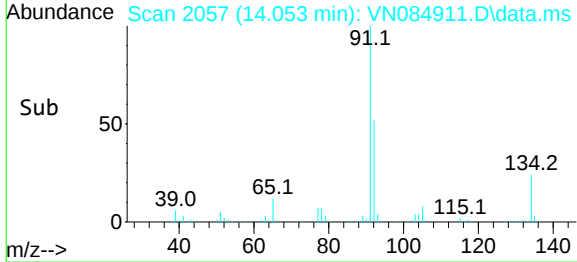
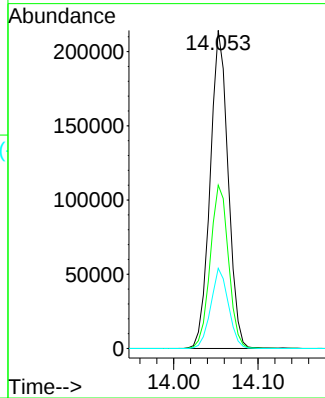
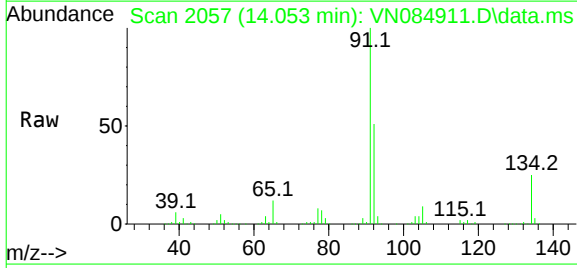
#89
n-Butylbenzene
Concen: 50.355 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	91	Resp:	317355
Ion Ratio	Lower	Upper	
91	100		
92	52.1	26.6	79.7
134	24.7	12.3	36.9

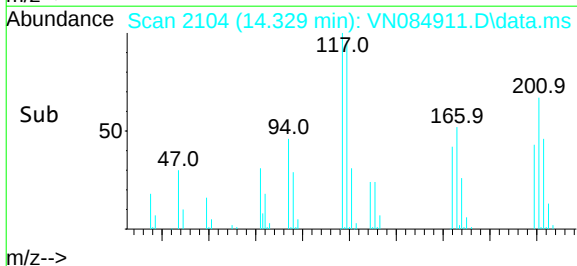
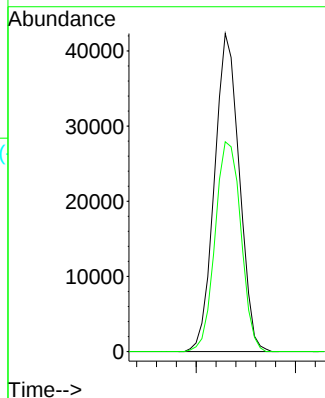
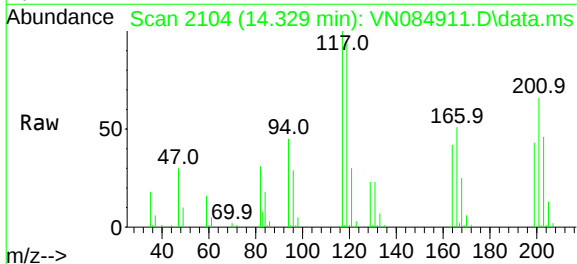
Manual Integrations
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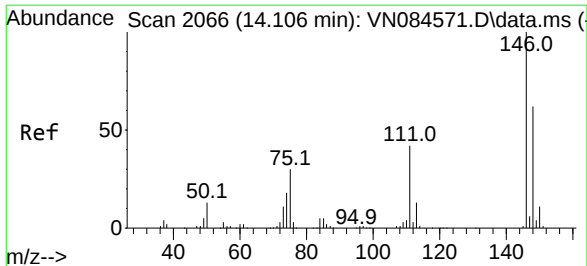
Reviewed By :John Carlone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024



#90
Hexachloroethane
Concen: 48.966 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51

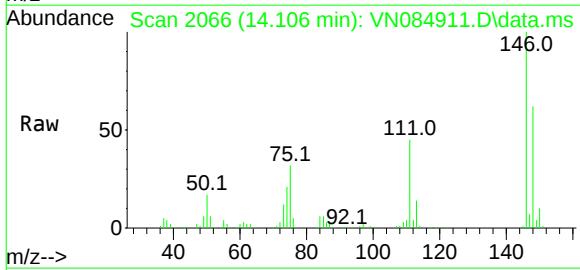
Tgt Ion:	117	Resp:	73571
Ion Ratio	Lower	Upper	
117	100		
201	68.6	34.4	103.2





#91
1,2-Dichlorobenzene
Concen: 50.093 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51

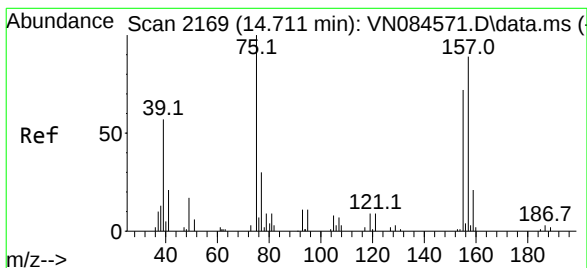
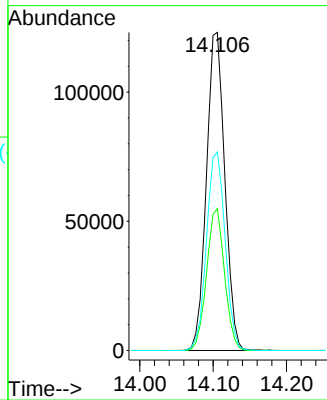
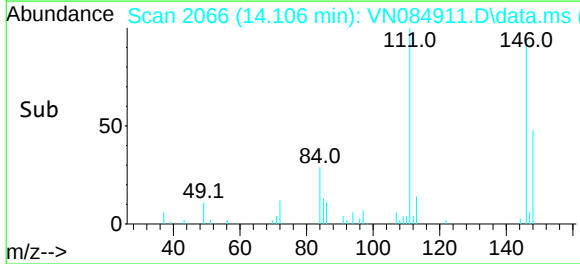
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



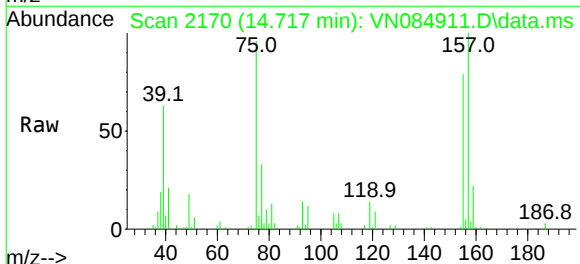
Tgt Ion:146 Resp: 214119
Ion Ratio Lower Upper
146 100
111 43.6 22.0 66.0
148 63.4 32.1 96.3

Manual Integrations
APPROVED

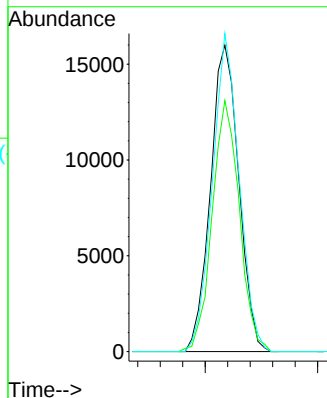
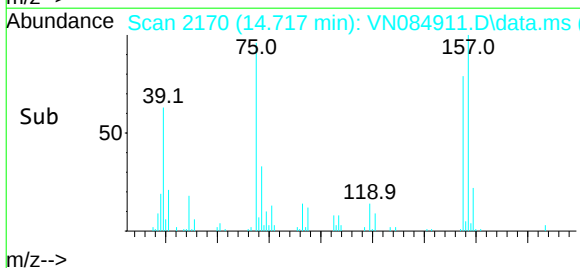
Reviewed By :John Carlone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024

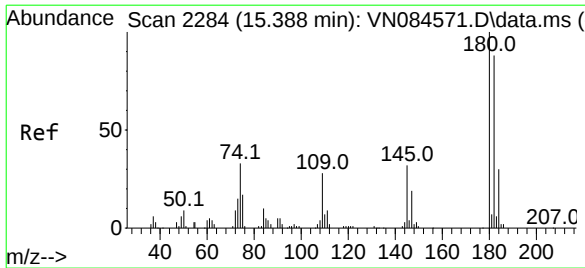


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.873 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51



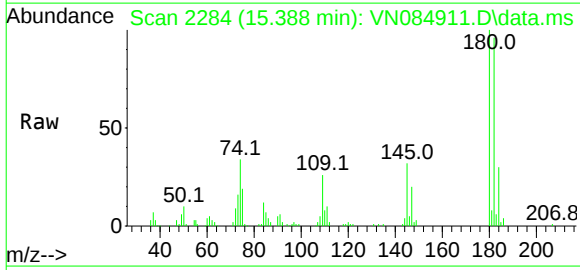
Tgt Ion: 75 Resp: 28020
Ion Ratio Lower Upper
75 100
155 78.4 38.1 114.5
157 97.9 49.6 149.0





#93
1,2,4-Trichlorobenzene
Concen: 42.950 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. 0.000 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51

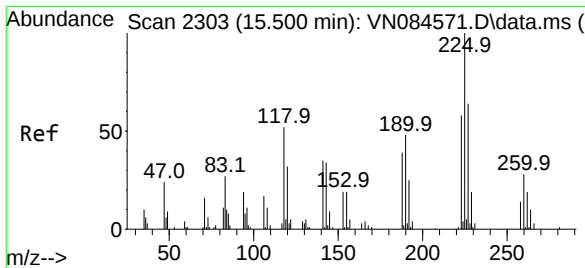
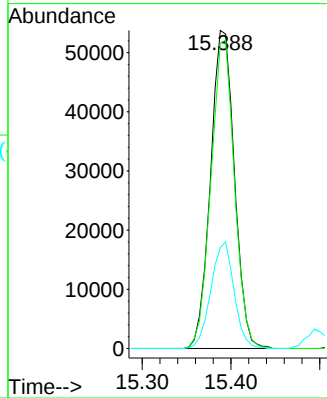
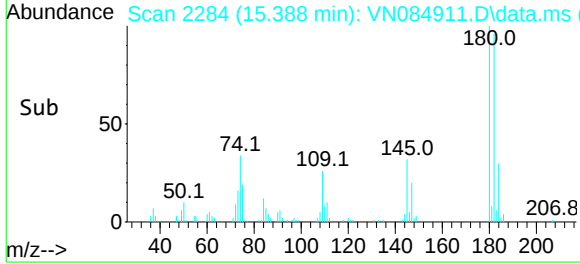
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



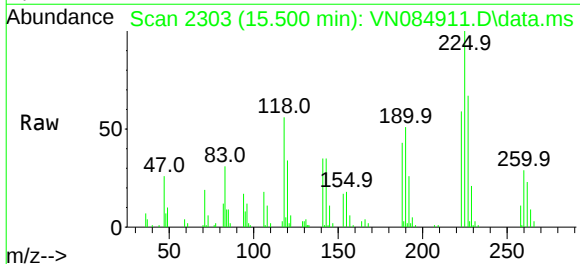
Tgt Ion:180 Resp: 100485
Ion Ratio Lower Upper
180 100
182 95.2 47.0 141.0
145 32.5 16.4 49.4

Manual Integrations
APPROVED

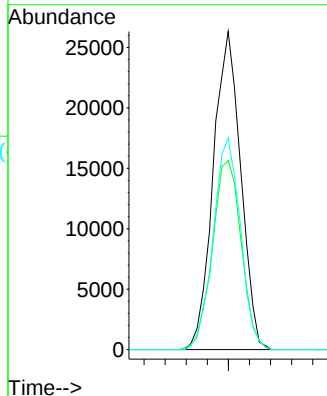
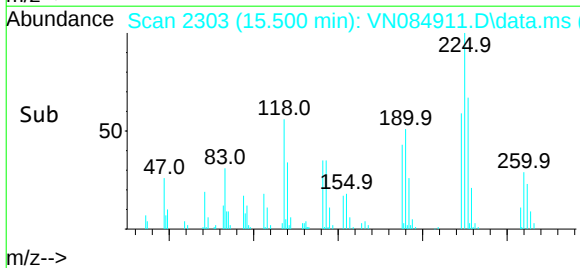
Reviewed By :John Carlone 11/19/2024
Supervised By :Mahesh Dadoda 11/19/2024

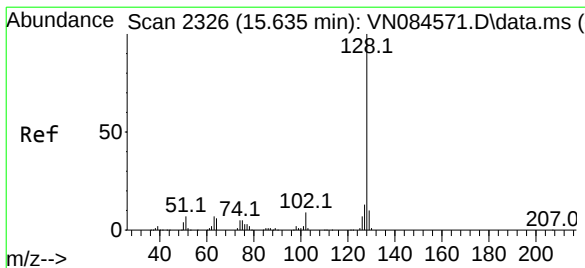


#94
Hexachlorobutadiene
Concen: 46.351 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN084911.D
Acq: 18 Nov 2024 09:51



Tgt Ion:225 Resp: 47622
Ion Ratio Lower Upper
225 100
223 62.3 32.4 97.2
227 65.9 32.4 97.0





#95

Naphthalene

Concen: 46.675 ug/l

RT: 15.641 min Scan# 2326

Delta R.T. 0.006 min

Lab File: VN084911.D

Acq: 18 Nov 2024 09:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

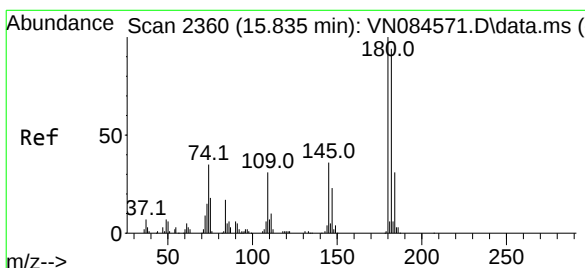
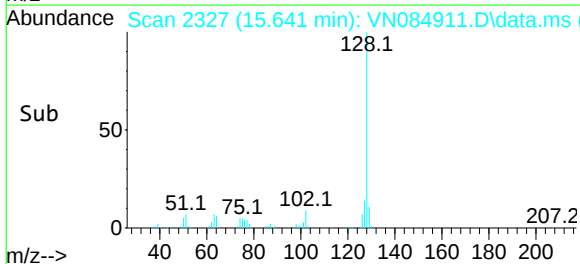
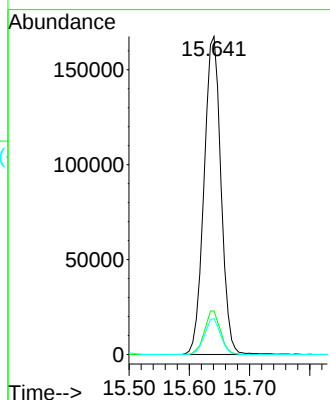
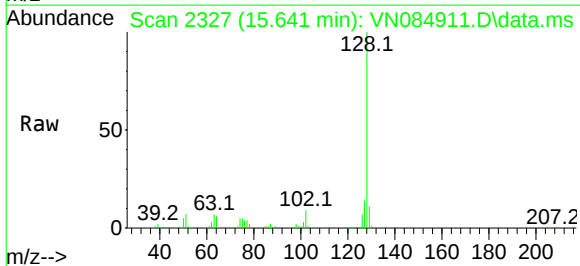
Tgt Ion:	128	Resp:	326855
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.5	15.7
129	10.8	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/19/2024

Supervised By :Mahesh Dadoda 11/19/2024



#96

1,2,3-Trichlorobenzene

Concen: 44.956 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN084911.D

Acq: 18 Nov 2024 09:51

Tgt Ion:	180	Resp:	102100
Ion Ratio	Lower	Upper	
180	100		
182	94.1	48.2	144.6
145	34.3	17.3	51.9

