

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010523\
 Data File : VN076117.D
 Acq On : 05 Jan 2023 17:40
 Operator : JC\MD
 Sample : 01045-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-SAMPLE-TANK-11-12-31-32-33

Quant Time: Jan 05 23:51:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

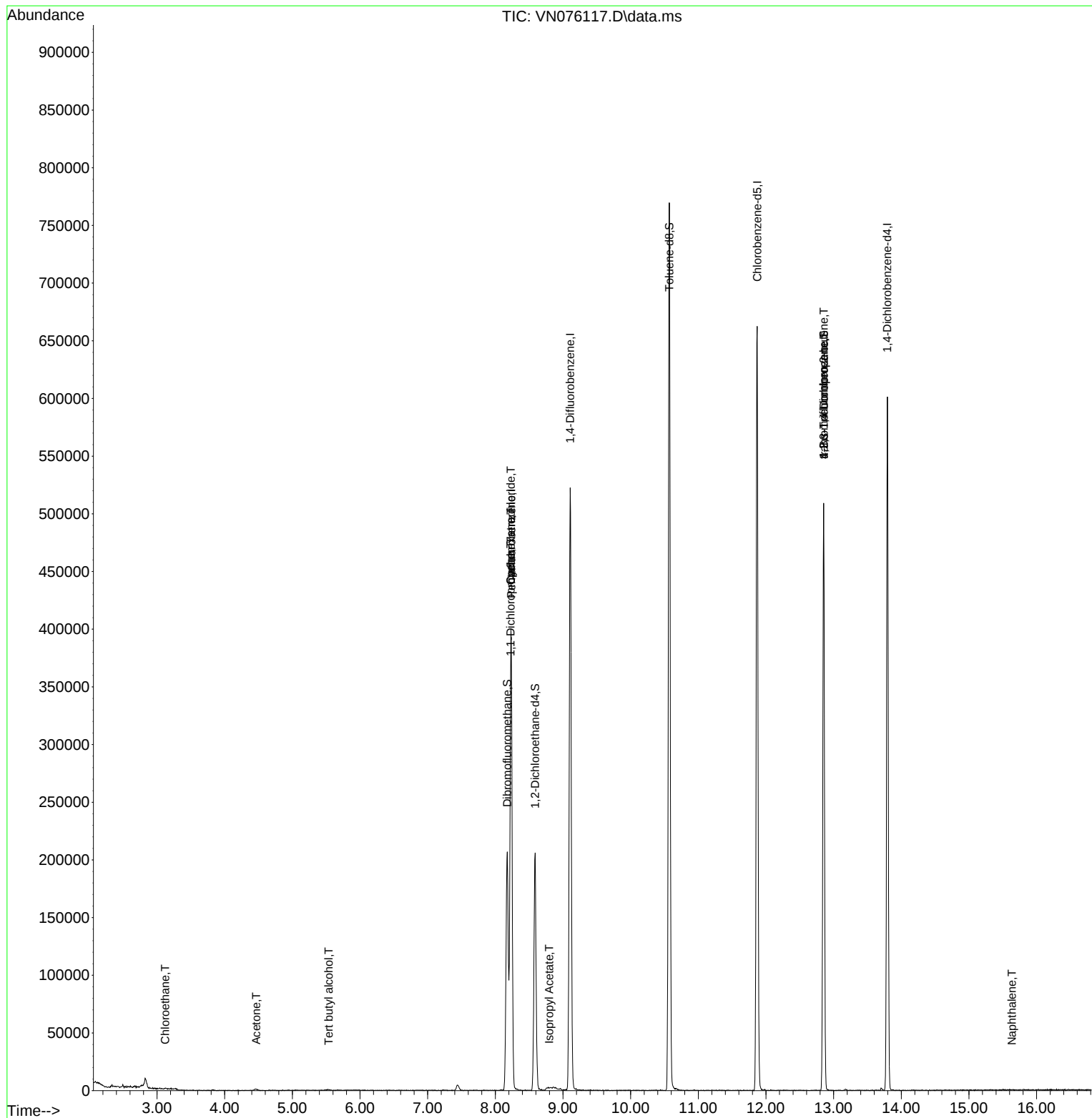
Internal Standards						
1) Pentafluorobenzene	8.236	168	307249	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	489490	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	411999	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	167764	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	160730	48.086	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.180%		
35) Dibromofluoromethane	8.177	113	147526	48.667	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.340%		
50) Toluene-d8	10.571	98	546602	48.227	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.460%		
62) 4-Bromofluorobenzene	12.853	95	165717	44.145	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.300%		
Target Compounds						Qvalue
6) Chloroethane	3.118	64	880	0.367	ug/l #	44
11) Tert butyl alcohol	5.536	59	878	1.856	ug/l #	72
16) Acetone	4.465	43	1809	1.570	ug/l #	80
20) Methylene Chloride	5.289	84	54	Below Cal	#	12
31) Cyclohexane	8.230	56	5821	1.216	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	21092	5.238	ug/l #	50
38) Carbon Tetrachloride	8.230	117	29423	6.528	ug/l #	16
43) Isopropyl Acetate	8.794	43	2608	0.489	ug/l #	50
76) 1,2,3-Trichloropropane	12.853	75	84569	25.008	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	84569	90.015	ug/l #	12
95) Naphthalene	15.635	128	437	2.223	ug/l #	69

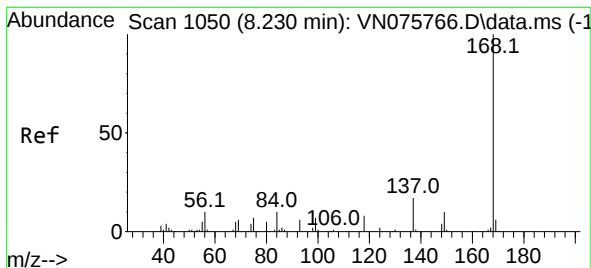
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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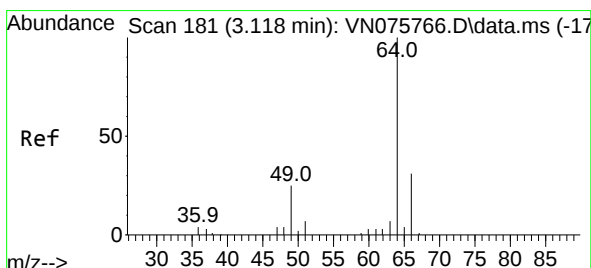
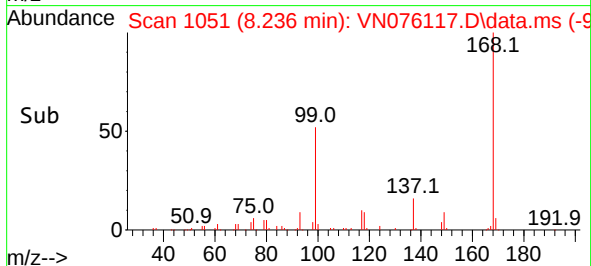
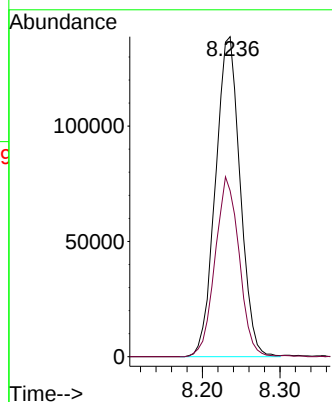
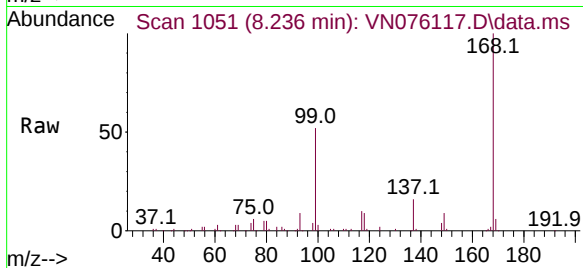




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. 0.006 min
Lab File: VN076117.D
Acq: 05 Jan 2023 17:40

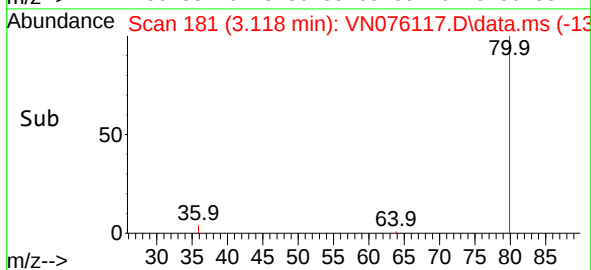
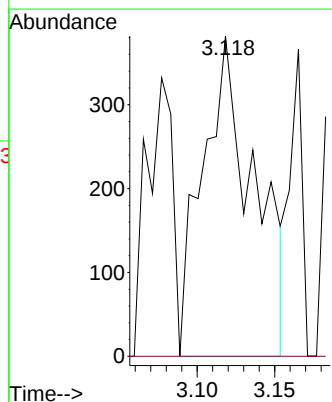
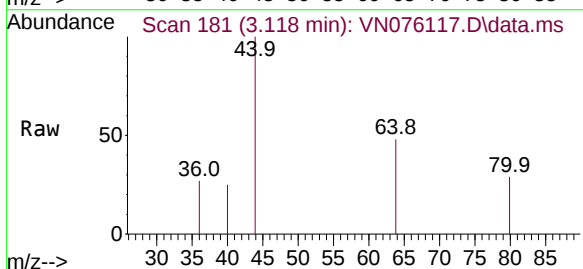
Instrument :
MSVOA_N
ClientSampleId :
COMP-SAMPLE-TANK-11-12-31-32-33

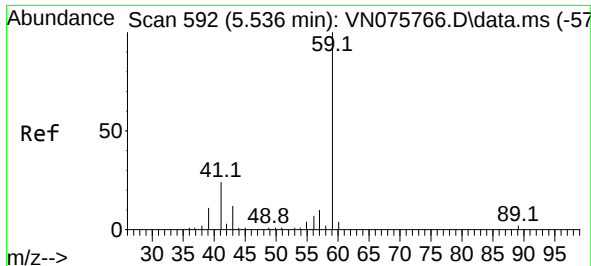
Tgt Ion:168 Resp: 307249
Ion Ratio Lower Upper
168 100
99 51.9 44.2 66.4



#6
Chloroethane
Concen: 0.367 ug/l
RT: 3.118 min Scan# 181
Delta R.T. 0.000 min
Lab File: VN076117.D
Acq: 05 Jan 2023 17:40

Tgt Ion: 64 Resp: 880
Ion Ratio Lower Upper
64 100
66 0.0 24.6 36.8#

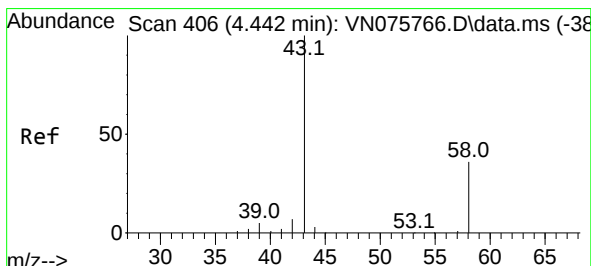
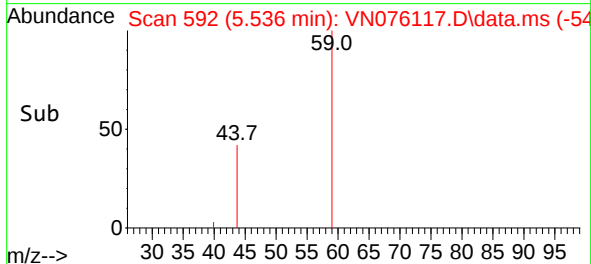
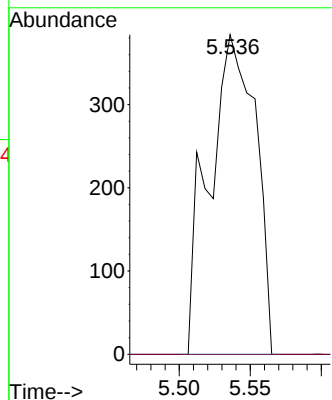
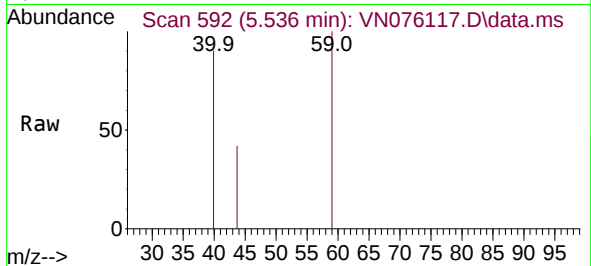




#11
Tert butyl alcohol
Concen: 1.856 ug/l
RT: 5.536 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN076117.D
Acq: 05 Jan 2023 17:40

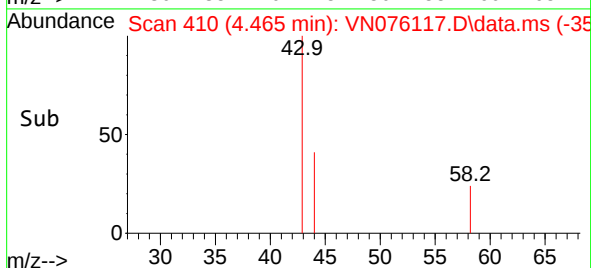
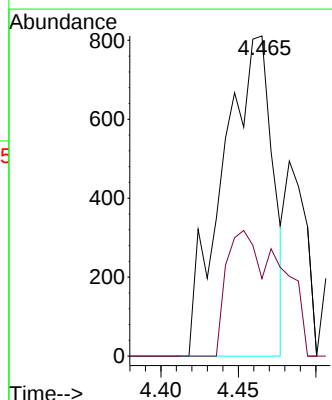
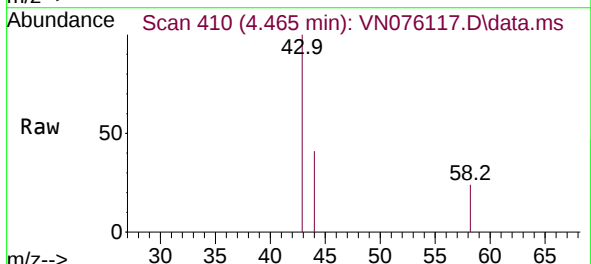
Instrument :
MSVOA_N
ClientSampleId :
COMP-SAMPLE-TANK-11-12-31-32-33

Tgt Ion: 59 Resp: 878
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#16
Acetone
Concen: 1.570 ug/l
RT: 4.465 min Scan# 410
Delta R.T. 0.024 min
Lab File: VN076117.D
Acq: 05 Jan 2023 17:40

Tgt Ion: 43 Resp: 1809
Ion Ratio Lower Upper
43 100
58 24.2 28.6 43.0#





#20

Methylene Chloride

Concen: Below Cal

RT: 5.289 min Scan# 51

Delta R.T. -0.000 min

Lab File: VN076117.D

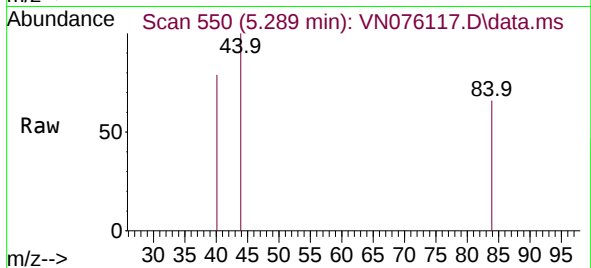
Acq: 05 Jan 2023 17:40

Instrument :

MSVOA_N

ClientSampleId :

COMP-SAMPLE-TANK-11-12-31-32-33



Tgt Ion: 84 Resp: 54

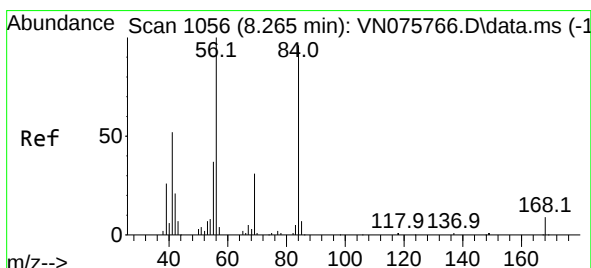
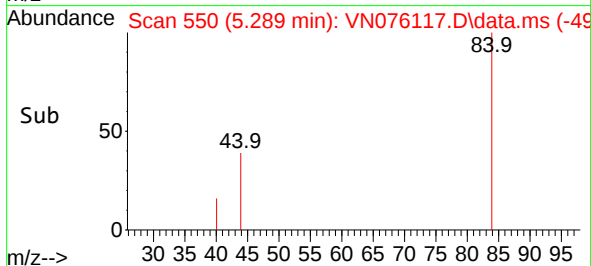
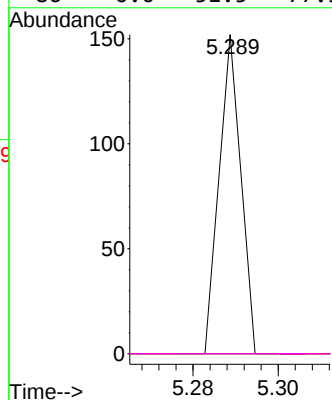
Ion Ratio Lower Upper

84 100

49 0.0 81.8 122.6#

51 0.0 26.7 40.1#

86 0.0 51.5 77.3#



#31

Cyclohexane

Concen: 1.216 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.035 min

Lab File: VN076117.D

Acq: 05 Jan 2023 17:40

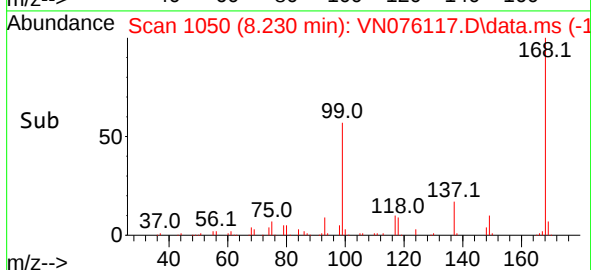
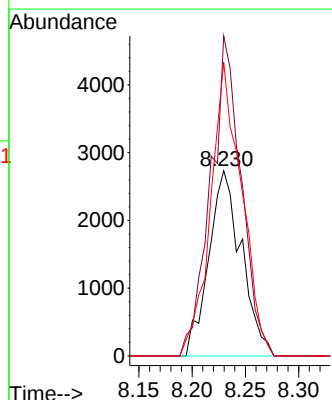
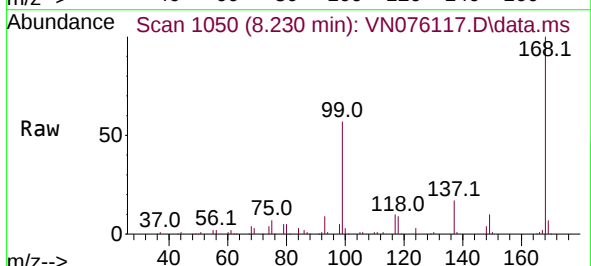
Tgt Ion: 56 Resp: 5821

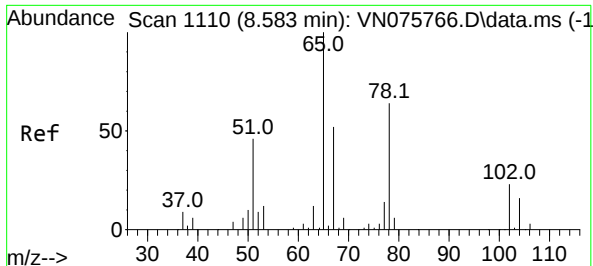
Ion Ratio Lower Upper

56 100

69 172.8 24.7 37.1#

84 158.6 76.5 114.7#





#33

1,2-Dichloroethane-d4

Concen: 48.086 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN076117.D

Acq: 05 Jan 2023 17:40

Instrument :

MSVOA_N

ClientSampleId :

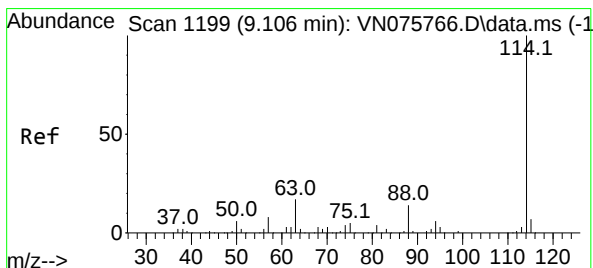
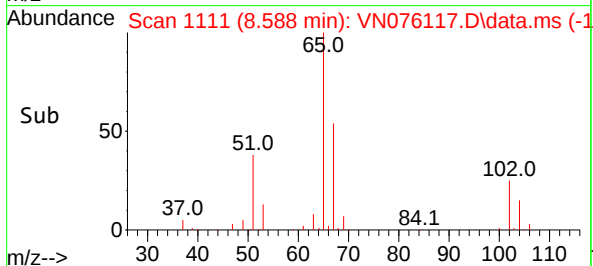
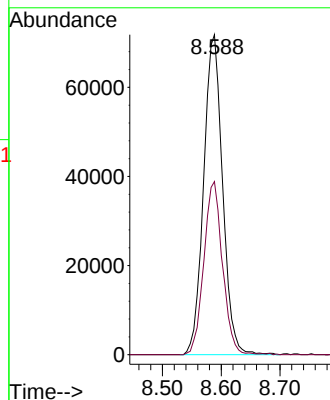
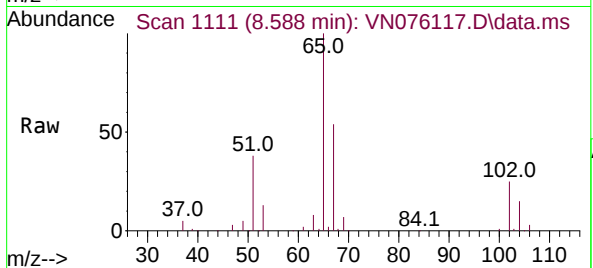
COMP-SAMPLE-TANK-11-12-31-32-33

Tgt Ion: 65 Resp: 160730

Ion Ratio Lower Upper

65 100

67 53.2 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076117.D

Acq: 05 Jan 2023 17:40

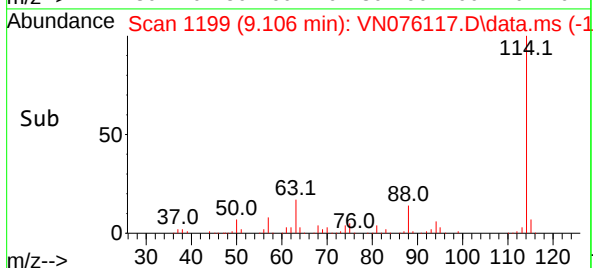
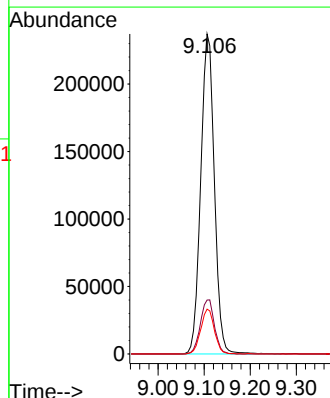
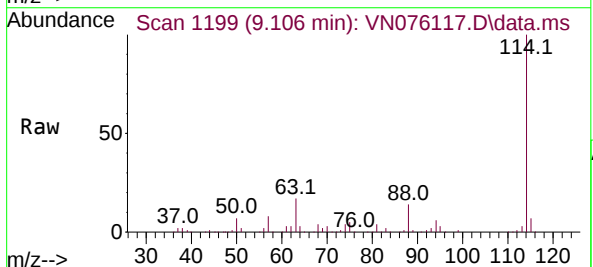
Tgt Ion: 114 Resp: 489490

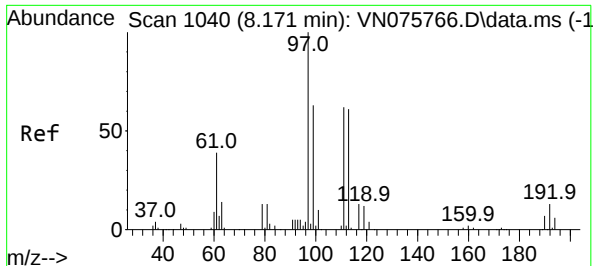
Ion Ratio Lower Upper

114 100

63 16.9 0.0 34.4

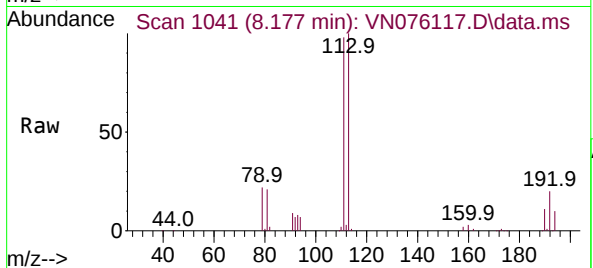
88 14.0 0.0 28.8



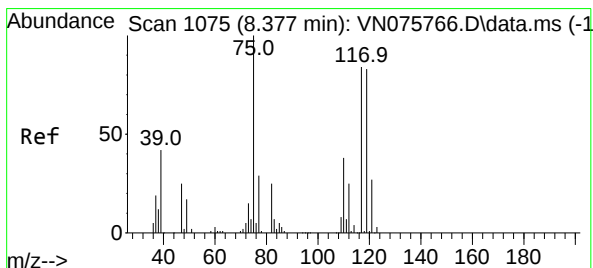
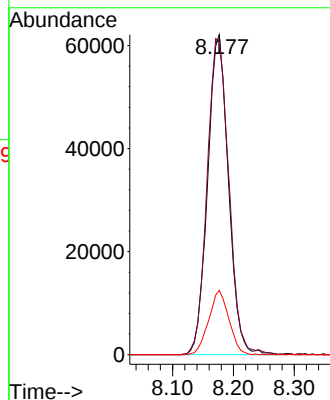
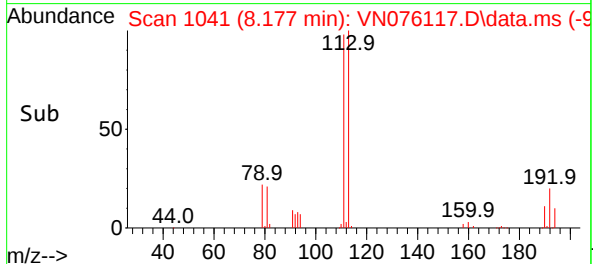


#35
Dibromofluoromethane
Concen: 48.667 ug/l
RT: 8.177 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VN076117.D
Acq: 05 Jan 2023 17:40

Instrument :
MSVOA_N
ClientSampleId :
COMP-SAMPLE-TANK-11-12-31-32-33

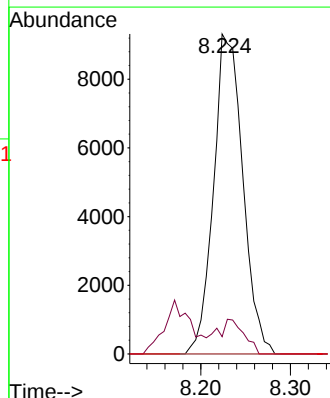
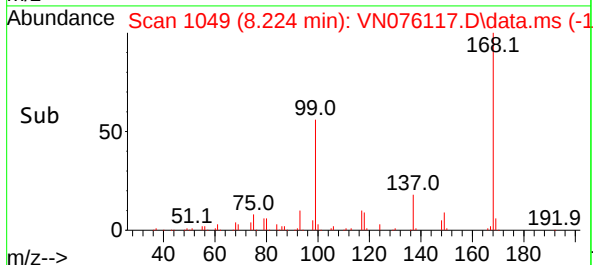
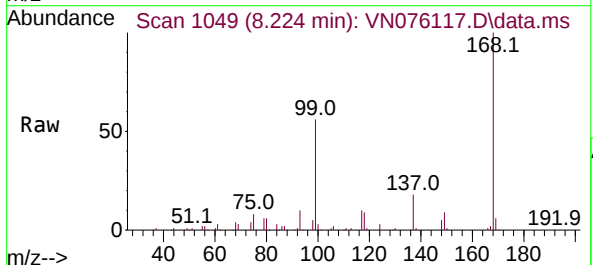


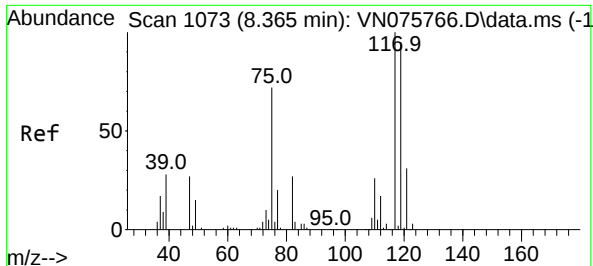
Tgt Ion:113 Resp: 147526
Ion Ratio Lower Upper
113 100
111 103.1 83.4 125.2
192 19.5 16.1 24.1



#36
1,1-Dichloropropene
Concen: 5.238 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.153 min
Lab File: VN076117.D
Acq: 05 Jan 2023 17:40

Tgt Ion: 75 Resp: 21092
Ion Ratio Lower Upper
75 100
110 9.9 18.8 56.4#
77 0.0 24.1 36.1#

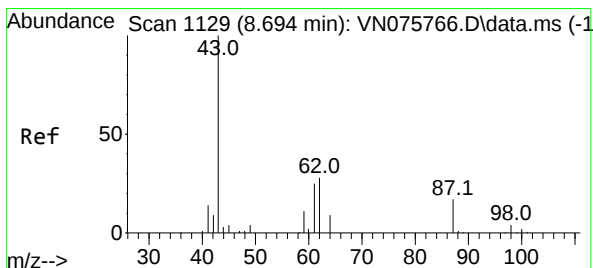
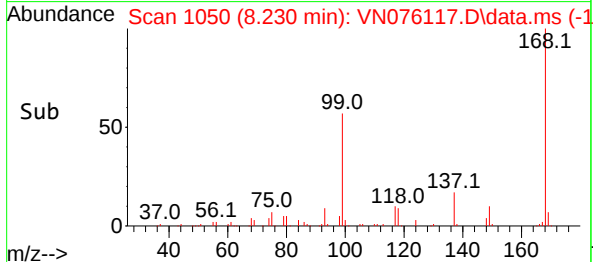
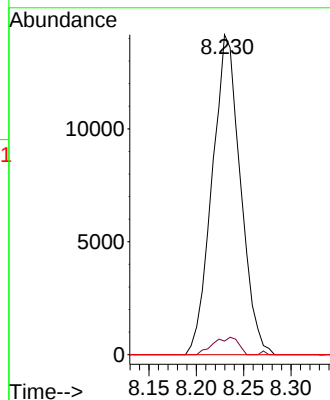
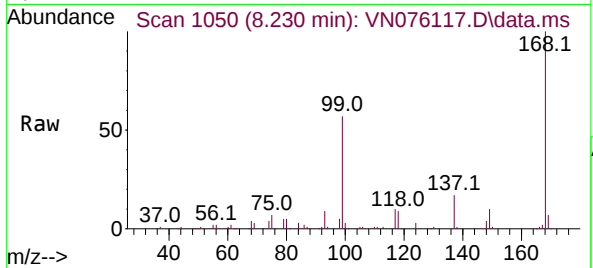




#38
Carbon Tetrachloride
Concen: 6.528 ug/l
RT: 8.230 min Scan# 1107
Delta R.T. -0.135 min
Lab File: VN076117.D
Acq: 05 Jan 2023 17:40

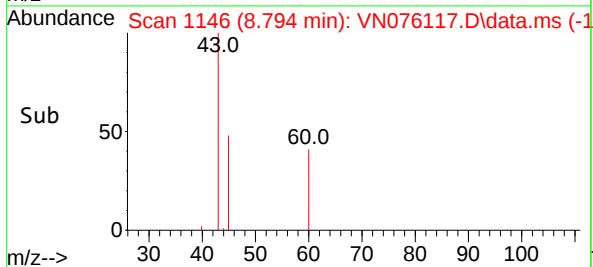
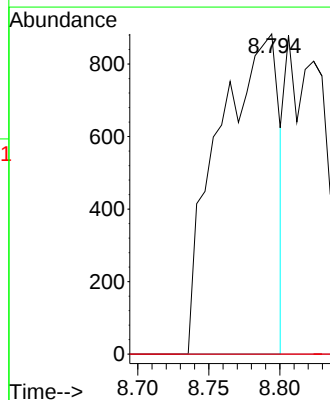
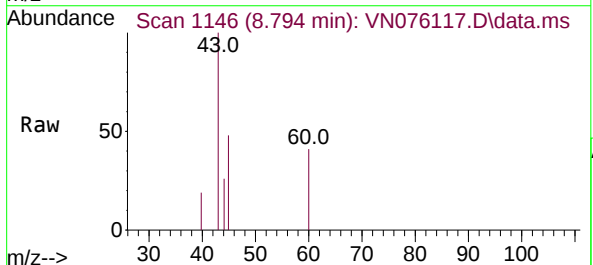
Instrument : MSVOA_N
ClientSampleId : COMP-SAMPLE-TANK-11-12-31-32-33

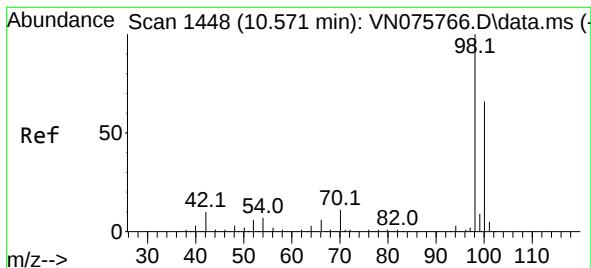
Tgt Ion:117 Resp: 29423
Ion Ratio Lower Upper
117 100
119 4.3 76.1 114.1#
121 0.0 24.5 36.7#



#43
Isopropyl Acetate
Concen: 0.489 ug/l
RT: 8.794 min Scan# 1146
Delta R.T. 0.100 min
Lab File: VN076117.D
Acq: 05 Jan 2023 17:40

Tgt Ion: 43 Resp: 2608
Ion Ratio Lower Upper
43 100
61 0.0 24.2 36.4#
87 0.0 13.3 19.9#

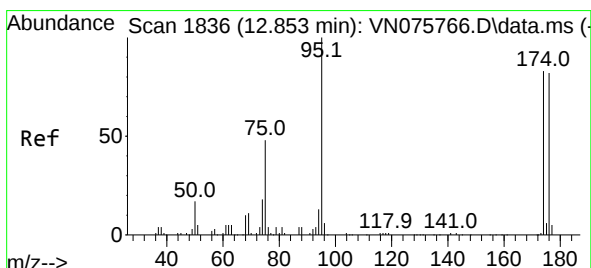
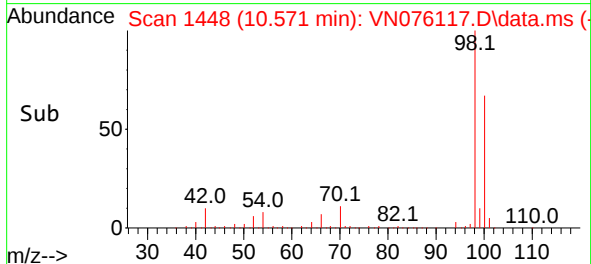
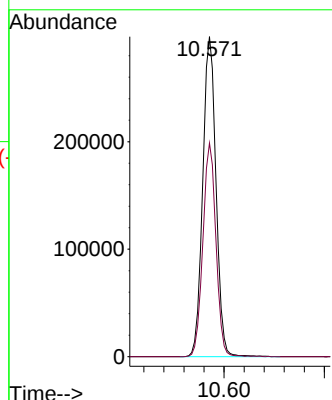
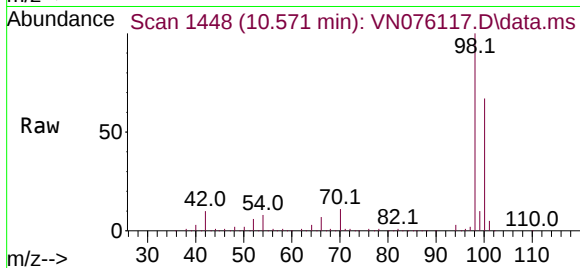




#50
Toluene-d8
Concen: 48.227 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN076117.D
Acq: 05 Jan 2023 17:40

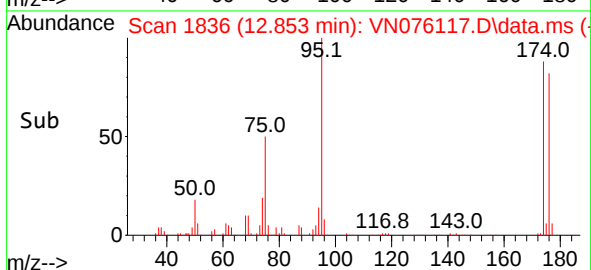
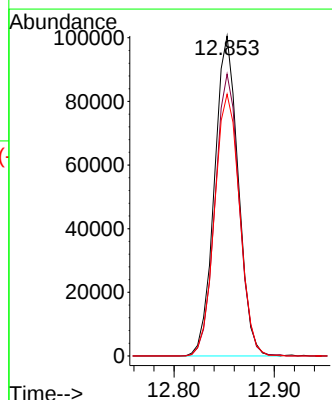
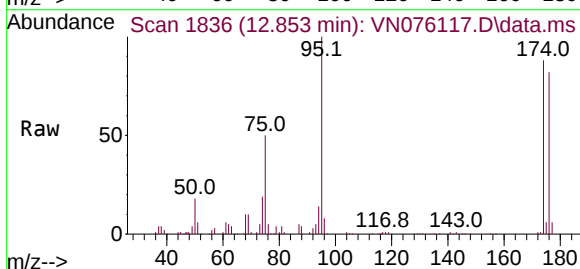
Instrument : MSVOA_N
ClientSampleId : COMP-SAMPLE-TANK-11-12-31-32-33

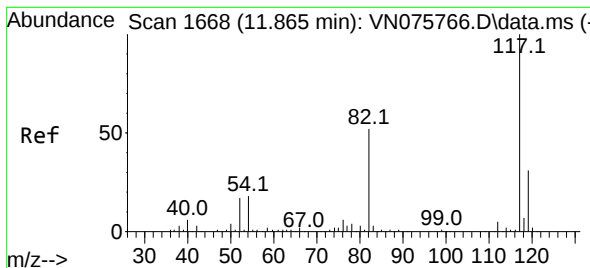
Tgt Ion: 98 Resp: 546602
Ion Ratio Lower Upper
98 100
100 65.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 44.145 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076117.D
Acq: 05 Jan 2023 17:40

Tgt Ion: 95 Resp: 165717
Ion Ratio Lower Upper
95 100
174 89.0 0.0 171.6
176 86.1 0.0 169.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN076117.D

Acq: 05 Jan 2023 17:40

Instrument :

MSVOA_N

ClientSampleId :

COMP-SAMPLE-TANK-11-12-31-32-33

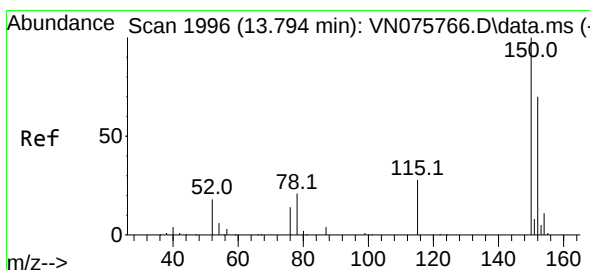
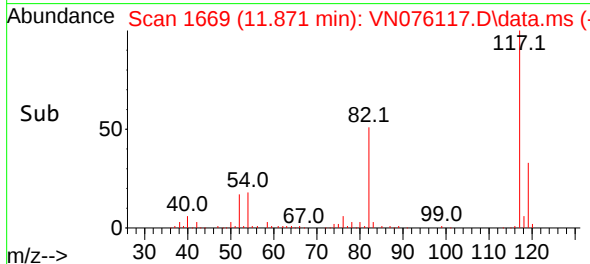
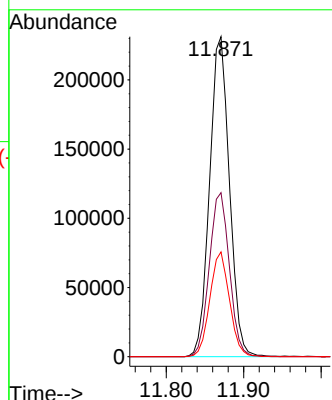
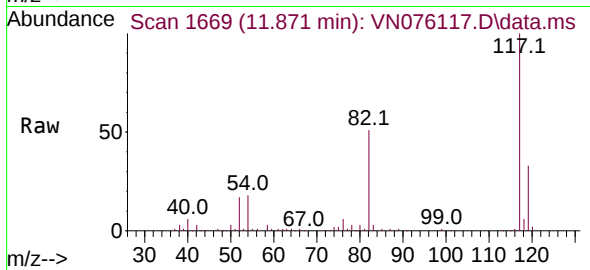
Tgt Ion:117 Resp: 411999

Ion Ratio Lower Upper

117 100

82 51.3 41.3 61.9

119 32.7 24.6 37.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VN076117.D

Acq: 05 Jan 2023 17:40

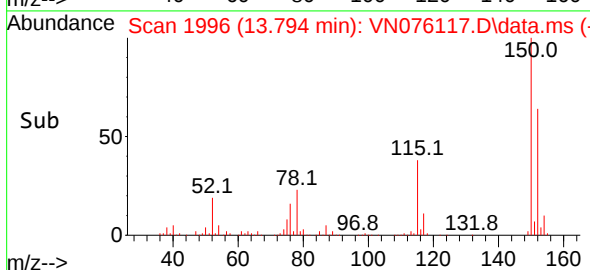
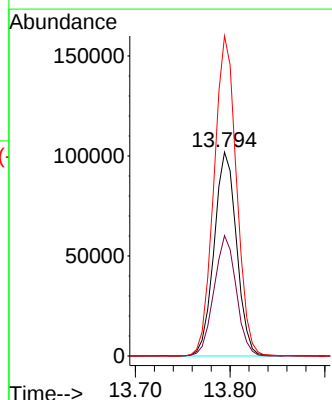
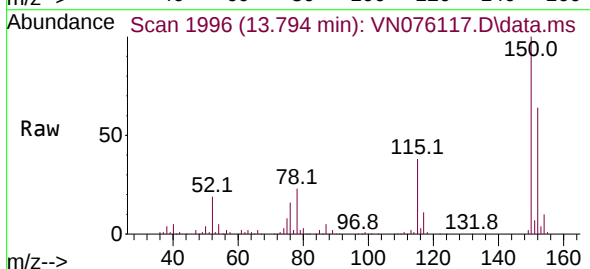
Tgt Ion:152 Resp: 167764

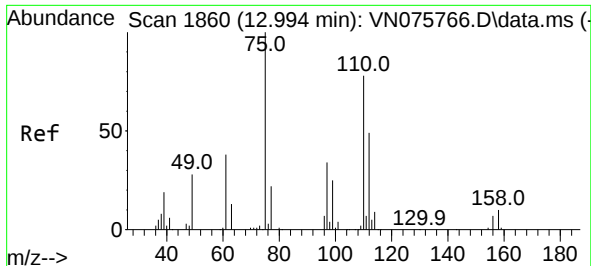
Ion Ratio Lower Upper

152 100

115 58.3 29.1 87.4

150 157.9 0.0 347.0

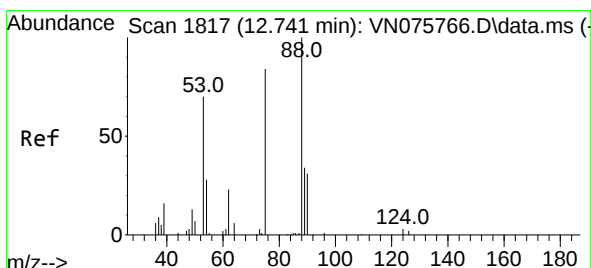
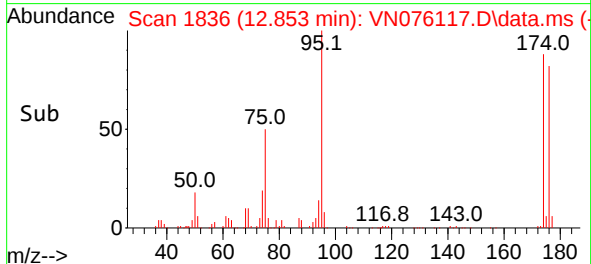
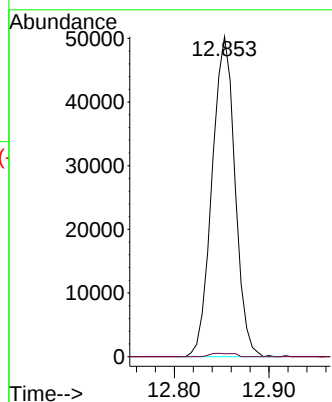
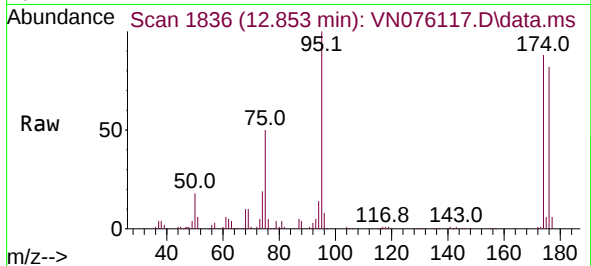




#76
1,2,3-Trichloropropane
Concen: 25.008 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN076117.D
Acq: 05 Jan 2023 17:40

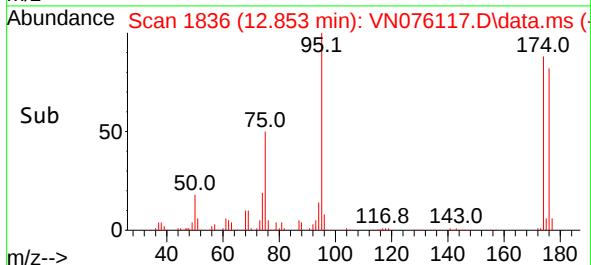
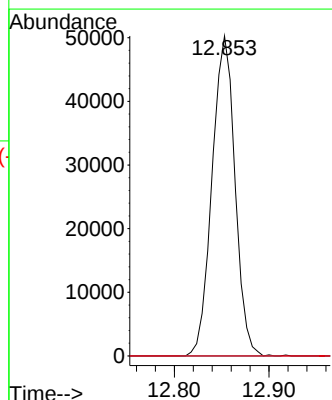
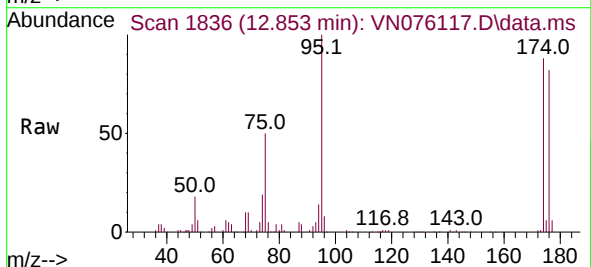
Instrument : MSVOA_N
ClientSampleId : COMP-SAMPLE-TANK-11-12-31-32-33

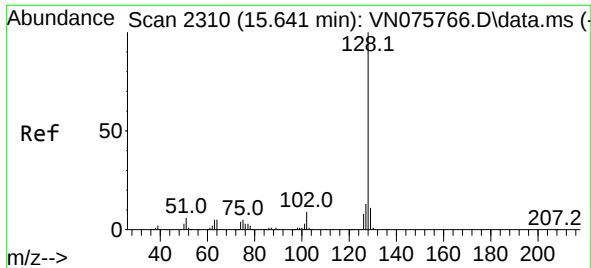
Tgt Ion: 75 Resp: 84569
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.015 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN076117.D
Acq: 05 Jan 2023 17:40

Tgt Ion: 75 Resp: 84569
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#





#95

Naphthalene

Concen: 2.223 ug/l

RT: 15.635 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN076117.D

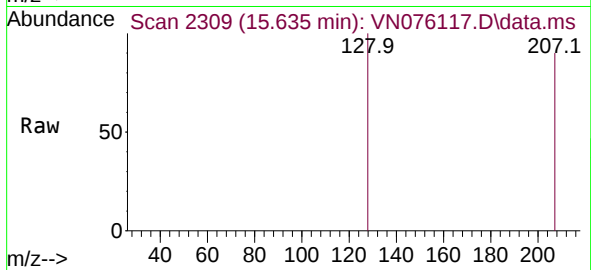
Acq: 05 Jan 2023 17:40

Instrument :

MSVOA_N

ClientSampleId :

COMP-SAMPLE-TANK-11-12-31-32-33



Tgt Ion:128 Resp: 437

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 0.0 8.7 13.1#

