

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112522\
 Data File : VN075422.D
 Acq On : 25 Nov 2022 15:42
 Operator : JC\MD
 Sample : N5756-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT205S1-20221118

Quant Time: Nov 28 03:36:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

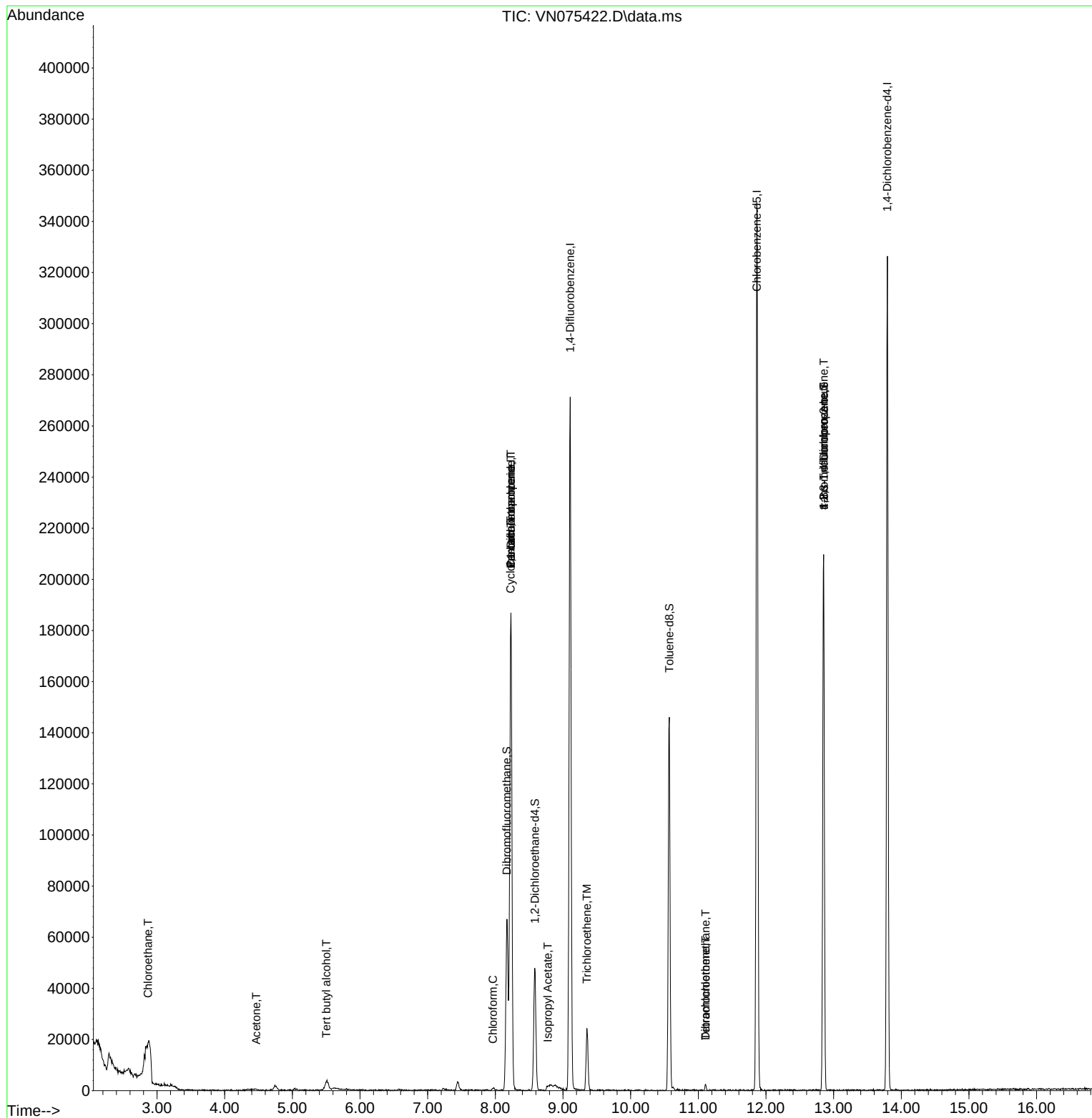
Internal Standards						
1) Pentafluorobenzene	8.230	168	145082	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	252407	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	216107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	91502	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	39885	51.215	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.420%	
35) Dibromofluoromethane	8.171	113	48633	49.048	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.100%	
50) Toluene-d8	10.571	98	106023	47.475	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 94.960%	
62) 4-Bromofluorobenzene	12.853	95	72205	43.804	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 87.600%	
Target Compounds						
					Qvalue	
6) Chloroethane	2.865	64	21357	16.201	ug/l #	51
11) Tert butyl alcohol	5.500	59	1683	5.148	ug/l #	72
16) Acetone	4.465	43	753	1.037	ug/l #	43
18) Methyl Acetate	5.036	43	1026	Below Cal	#	47
30) Chloroform	7.965	83	1330	0.455	ug/l #	79
31) Cyclohexane	8.224	56	2590	1.047	ug/l #	6
36) 1,1-Dichloropropene	8.230	75	10863	5.024	ug/l #	52
38) Carbon Tetrachloride	8.230	117	14177	5.968	ug/l #	17
43) Isopropyl Acetate	8.777	43	1702	0.545	ug/l #	53
44) Trichloroethene	9.353	130	9049	4.995	ug/l	89
60) Dibromochloromethane	11.106	129	606	0.340	ug/l #	11
64) Tetrachloroethene	11.106	164	354	0.215	ug/l #	81
76) 1,2,3-Trichloropropane	12.853	75	36177	20.911	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	36177	61.870	ug/l #	10

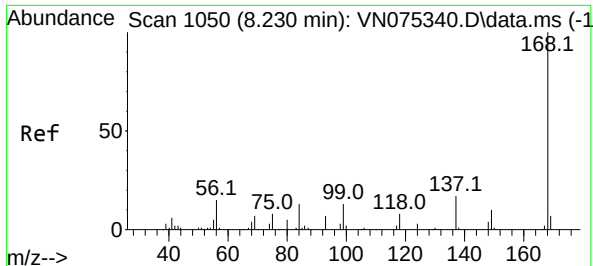
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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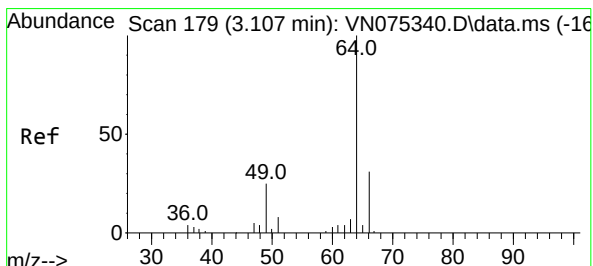
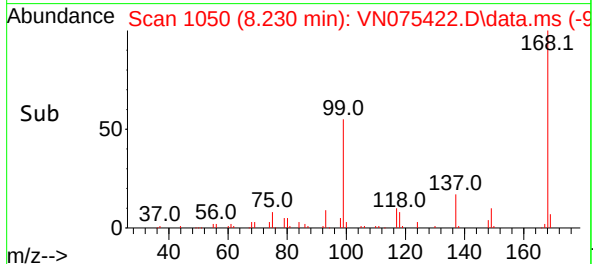
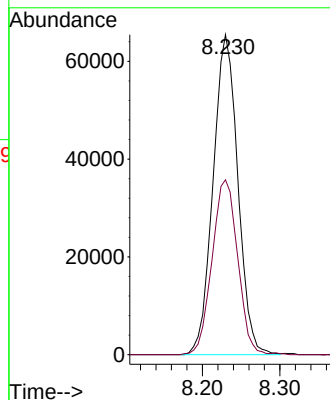
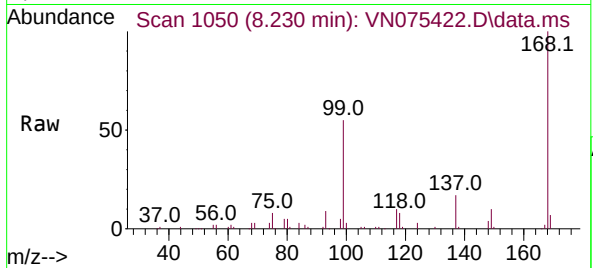




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075422.D
Acq: 25 Nov 2022 15:42

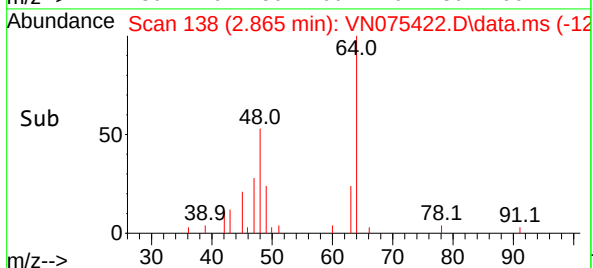
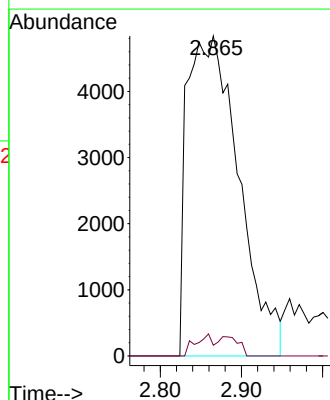
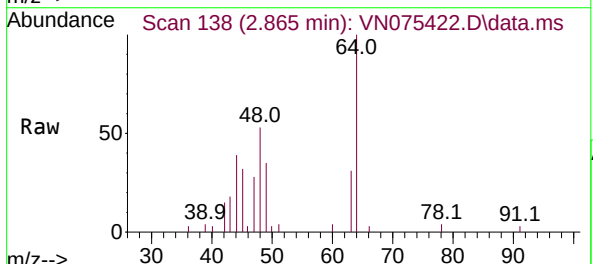
Instrument :
MSVOA_N
ClientSampleId :
TT205S1-20221118

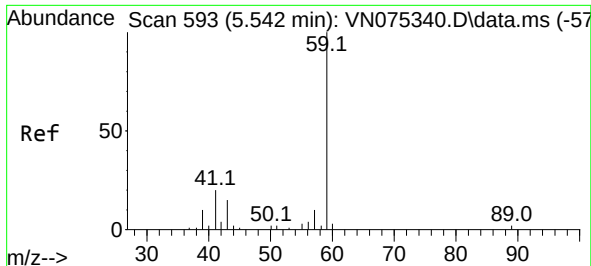
Tgt Ion:168 Resp: 145082
Ion Ratio Lower Upper
168 100
99 54.7 51.6 77.4



#6
Chloroethane
Concen: 16.201 ug/l
RT: 2.865 min Scan# 138
Delta R.T. -0.242 min
Lab File: VN075422.D
Acq: 25 Nov 2022 15:42

Tgt Ion: 64 Resp: 21357
Ion Ratio Lower Upper
64 100
66 3.3 23.8 35.8#

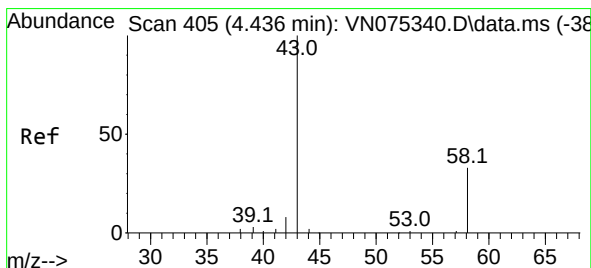
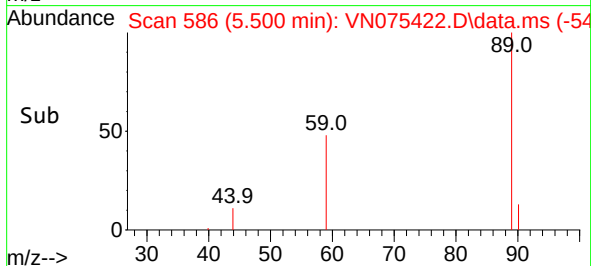
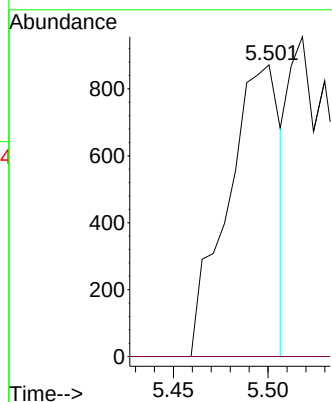
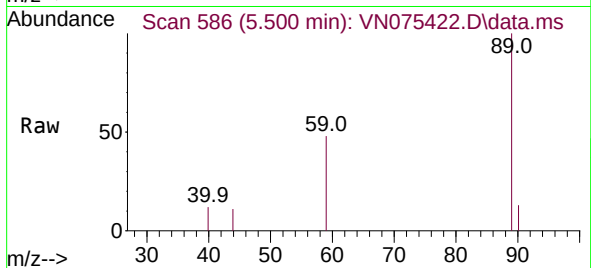




#11
Tert butyl alcohol
Concen: 5.148 ug/l
RT: 5.500 min Scan# 51
Delta R.T. -0.042 min
Lab File: VN075422.D
Acq: 25 Nov 2022 15:42

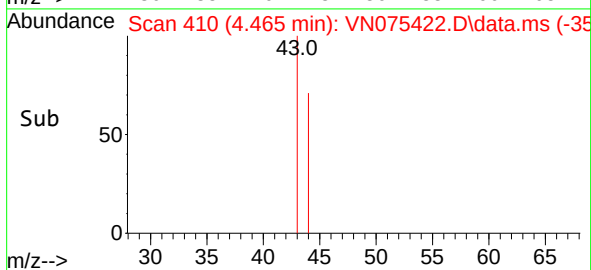
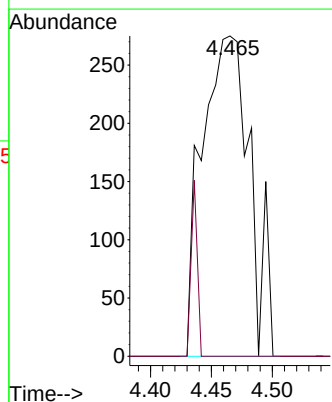
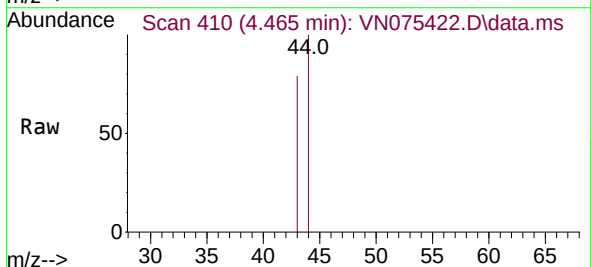
Instrument :
MSVOA_N
ClientSampleId :
TT205S1-20221118

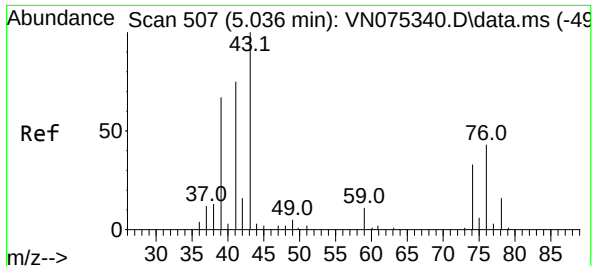
Tgt Ion: 59 Resp: 1683
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#16
Acetone
Concen: 1.037 ug/l
RT: 4.465 min Scan# 410
Delta R.T. 0.029 min
Lab File: VN075422.D
Acq: 25 Nov 2022 15:42

Tgt Ion: 43 Resp: 753
Ion Ratio Lower Upper
43 100
58 0.0 25.5 38.3#

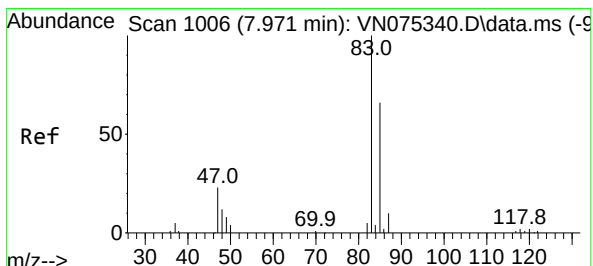
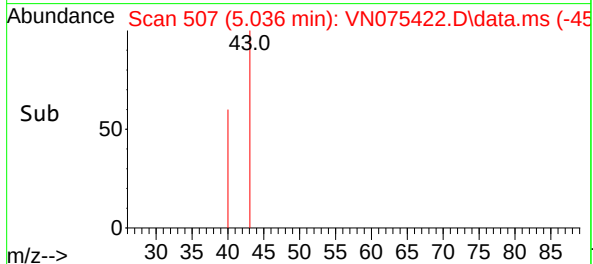
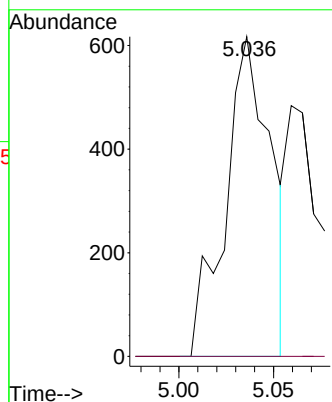
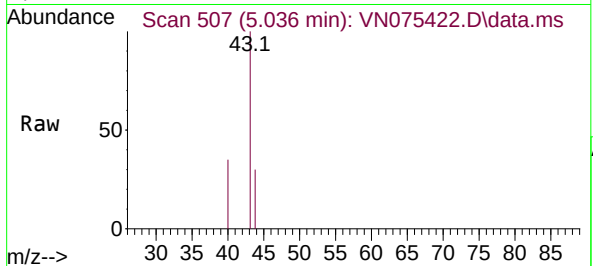




#18
Methyl Acetate
Concen: Below Cal
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075422.D
Acq: 25 Nov 2022 15:42

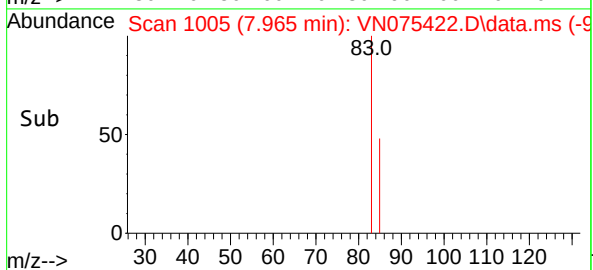
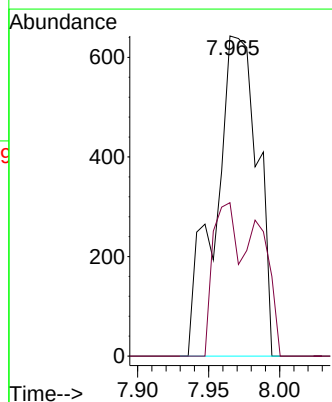
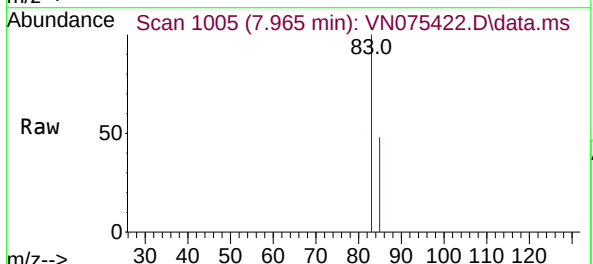
Instrument :
MSVOA_N
ClientSampleId :
TT205S1-20221118

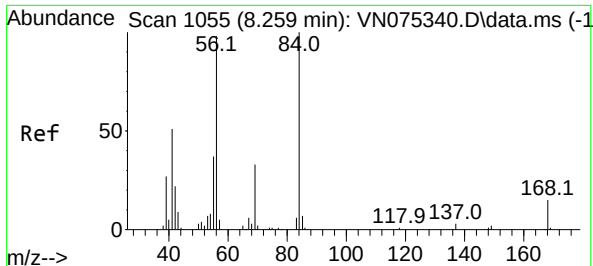
Tgt Ion: 43 Resp: 1026
Ion Ratio Lower Upper
43 100
74 0.0 22.0 33.0#



#30
Chloroform
Concen: 0.455 ug/l
RT: 7.965 min Scan# 1005
Delta R.T. -0.006 min
Lab File: VN075422.D
Acq: 25 Nov 2022 15:42

Tgt Ion: 83 Resp: 1330
Ion Ratio Lower Upper
83 100
85 47.9 51.4 77.0#





#31

Cyclohexane

Concen: 1.047 ug/l

RT: 8.224 min Scan# 1049

Delta R.T. -0.035 min

Lab File: VN075422.D

Acq: 25 Nov 2022 15:42

Instrument :

MSVOA_N

ClientSampleId :

TT205S1-20221118

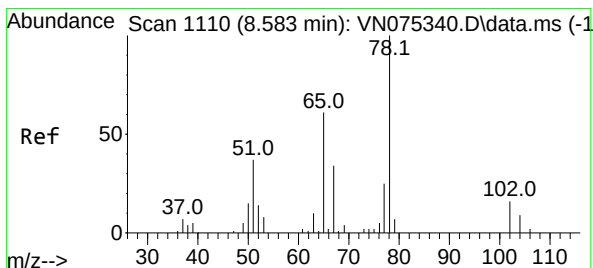
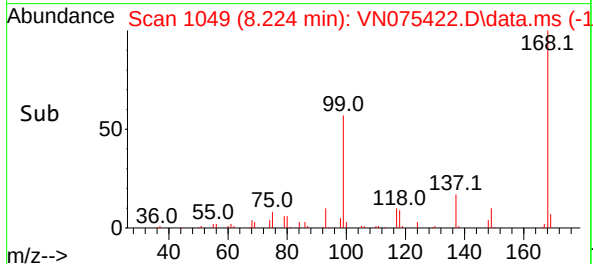
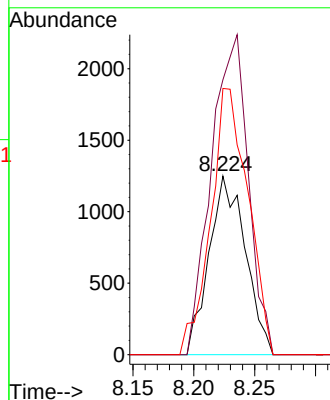
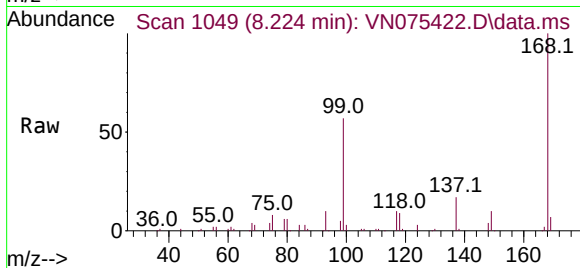
Tgt Ion: 56 Resp: 2590

Ion Ratio Lower Upper

56 100

69 153.9 25.2 37.8#

84 149.1 77.8 116.8#



#33

1,2-Dichloroethane-d4

Concen: 51.215 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075422.D

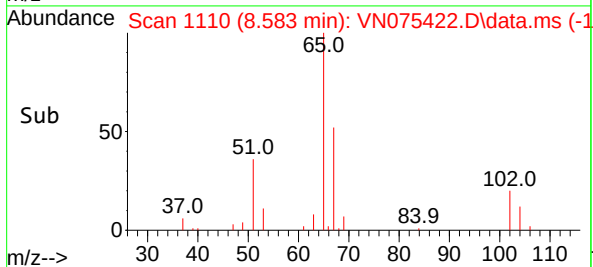
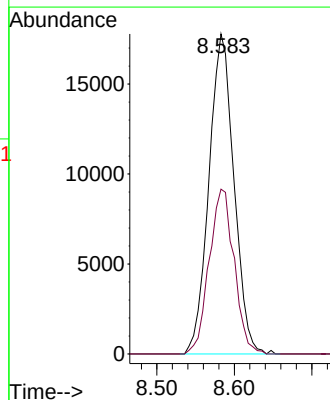
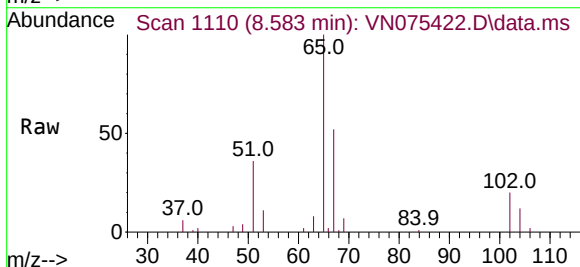
Acq: 25 Nov 2022 15:42

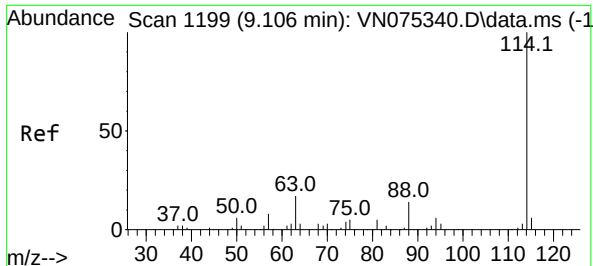
Tgt Ion: 65 Resp: 39885

Ion Ratio Lower Upper

65 100

67 51.4 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075422.D

Acq: 25 Nov 2022 15:42

Instrument :

MSVOA_N

ClientSampleId :

TT205S1-20221118

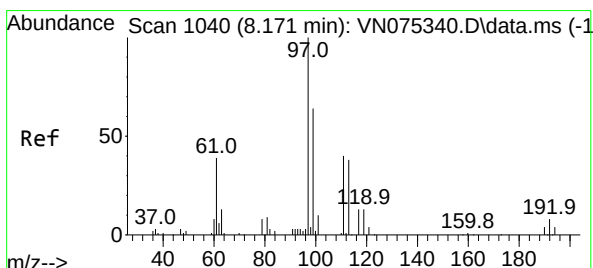
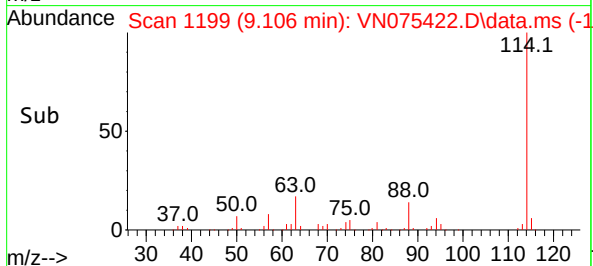
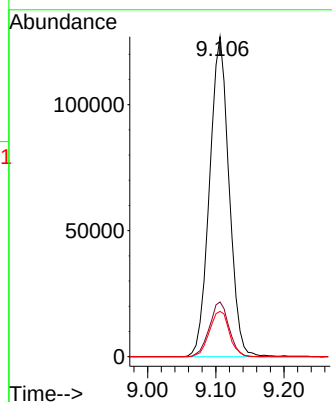
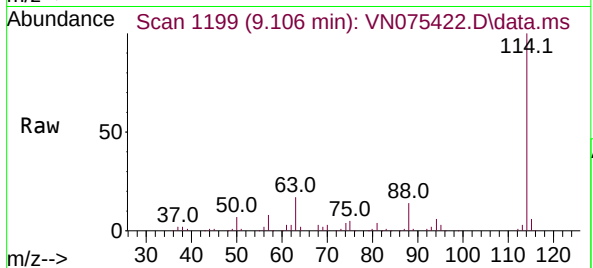
Tgt Ion:114 Resp: 252407

Ion Ratio Lower Upper

114 100

63 17.1 0.0 39.6

88 14.1 0.0 29.0



#35

Dibromofluoromethane

Concen: 49.048 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075422.D

Acq: 25 Nov 2022 15:42

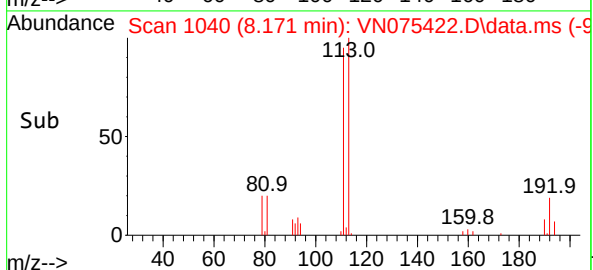
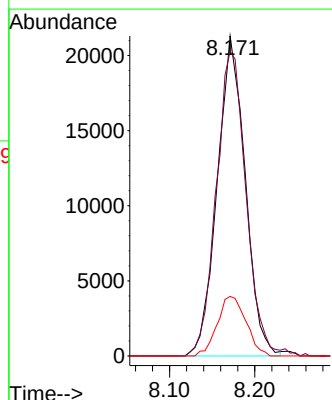
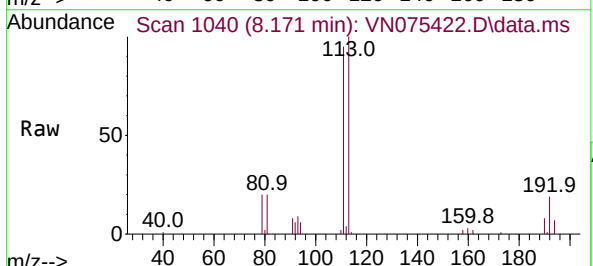
Tgt Ion:113 Resp: 48633

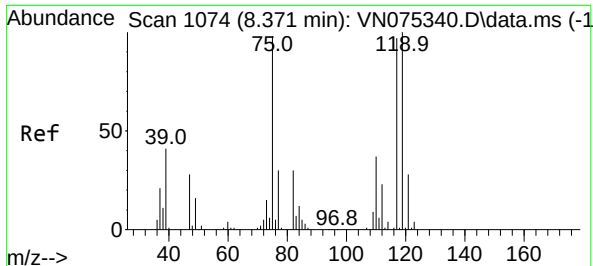
Ion Ratio Lower Upper

113 100

111 101.4 80.5 120.7

192 19.1 13.2 19.8





#36

1,1-Dichloropropene

Concen: 5.024 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.141 min

Lab File: VN075422.D

Acq: 25 Nov 2022 15:42

Instrument :

MSVOA_N

ClientSampleId :

TT205S1-20221118

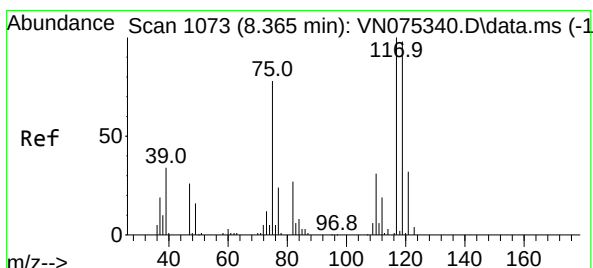
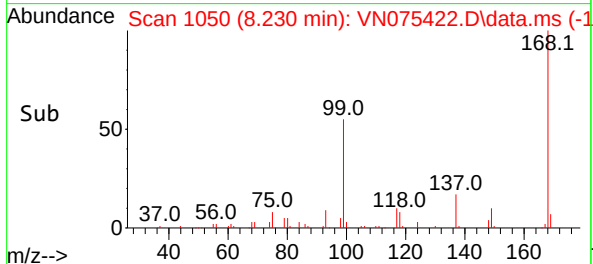
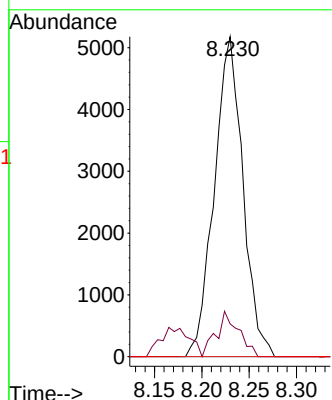
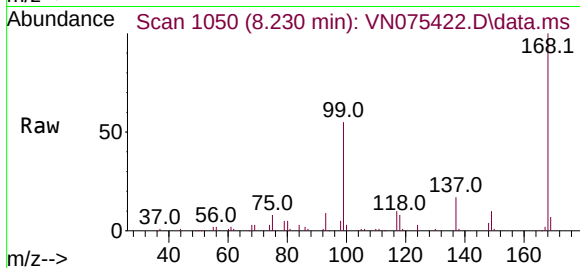
Tgt Ion: 75 Resp: 10863

Ion Ratio Lower Upper

75 100

110 11.1 17.8 53.3#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.968 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.135 min

Lab File: VN075422.D

Acq: 25 Nov 2022 15:42

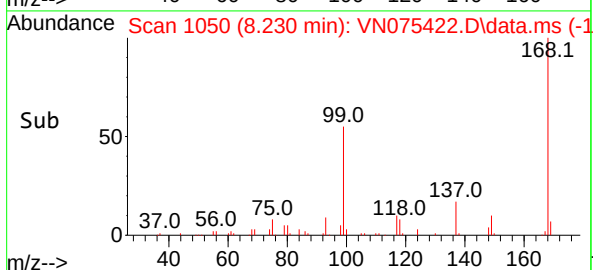
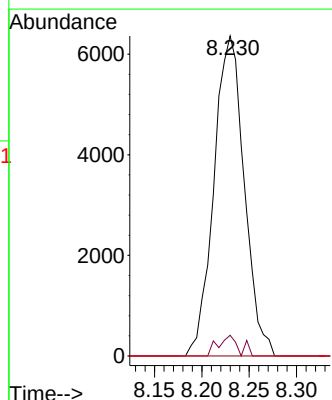
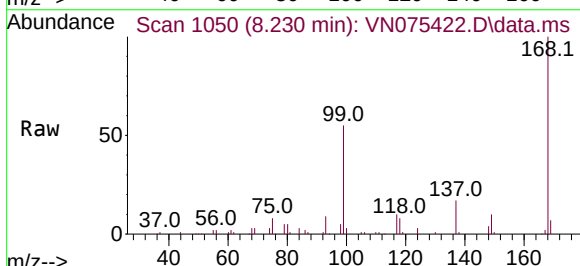
Tgt Ion: 117 Resp: 14177

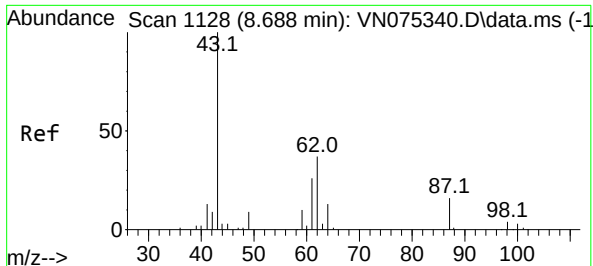
Ion Ratio Lower Upper

117 100

119 6.4 76.7 115.1#

121 0.0 23.9 35.9#





#43

Isopropyl Acetate

Concen: 0.545 ug/l

RT: 8.777 min Scan# 1128

Delta R.T. 0.089 min

Lab File: VN075422.D

Acq: 25 Nov 2022 15:42

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MSVOA_N

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TT205S1-20221118

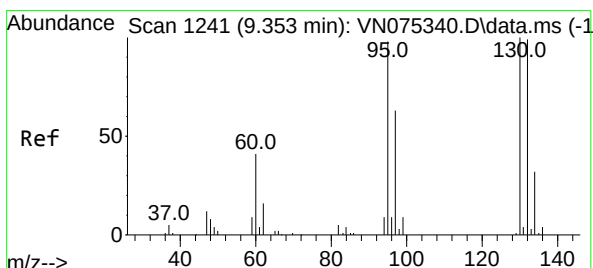
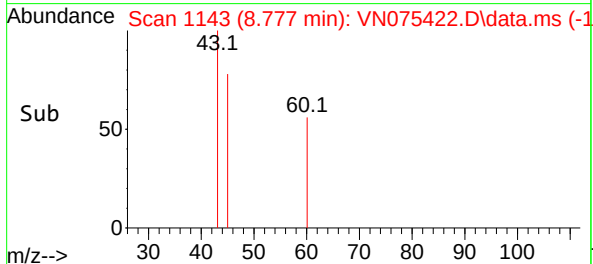
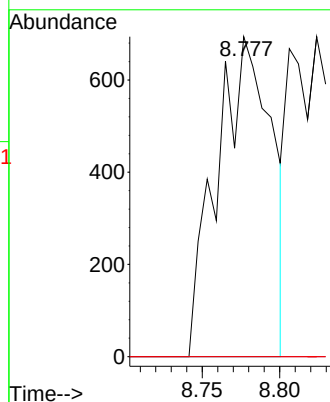
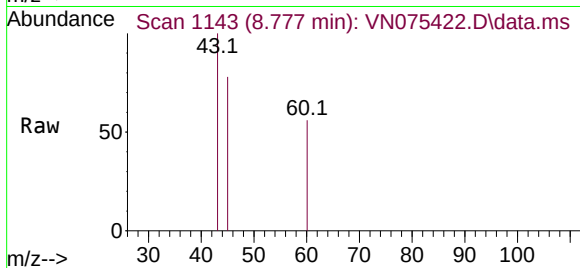
Tgt Ion: 43 Resp: 1702

Ion Ratio Lower Upper

43 100

61 0.0 22.4 33.6#

87 0.0 12.5 18.7#



#44

Trichloroethene

Concen: 4.995 ug/l

RT: 9.353 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VN075422.D

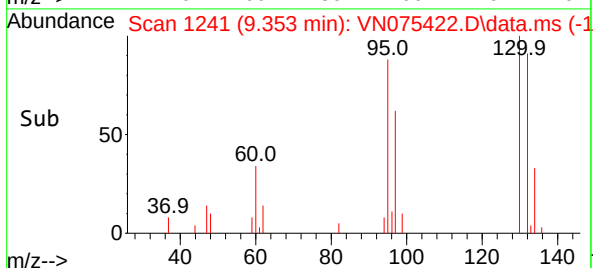
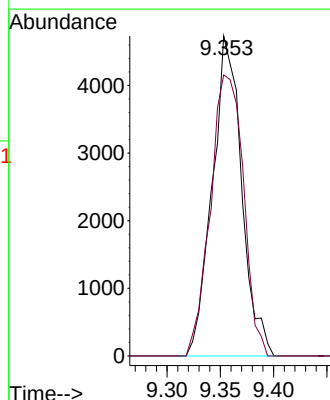
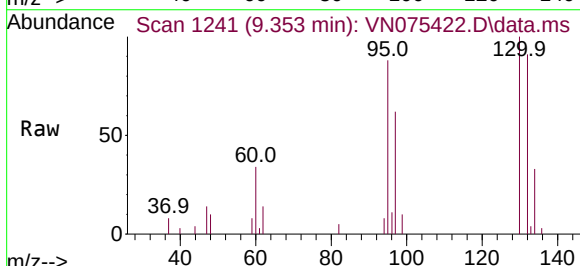
Acq: 25 Nov 2022 15:42

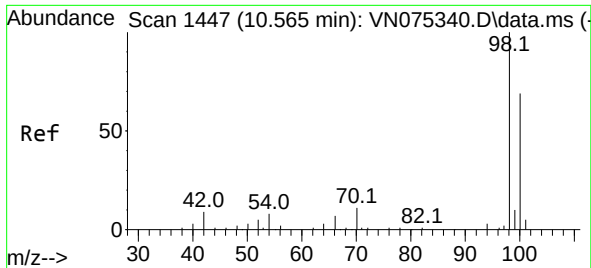
Tgt Ion:130 Resp: 9049

Ion Ratio Lower Upper

130 100

95 87.9 0.0 198.4

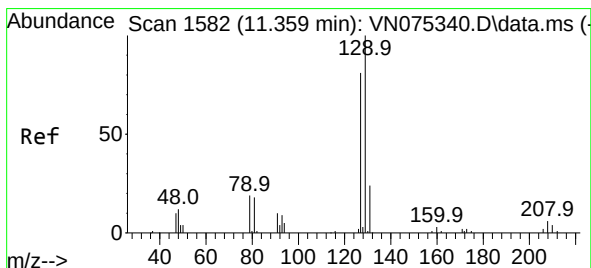
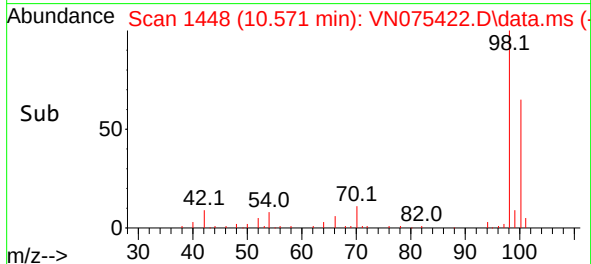
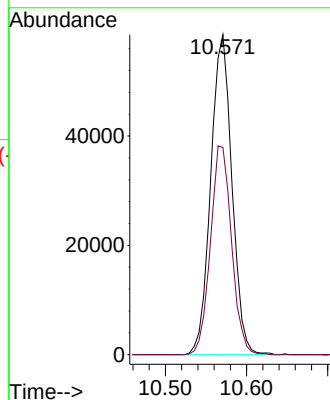
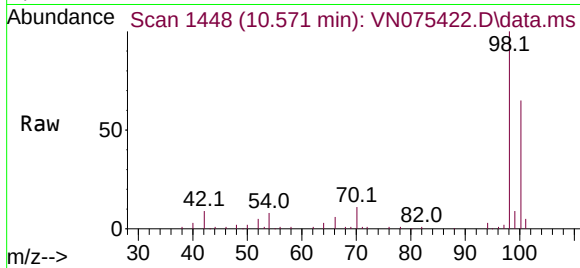




#50
Toluene-d8
Concen: 47.475 ug/l
RT: 10.571 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VN075422.D
Acq: 25 Nov 2022 15:42

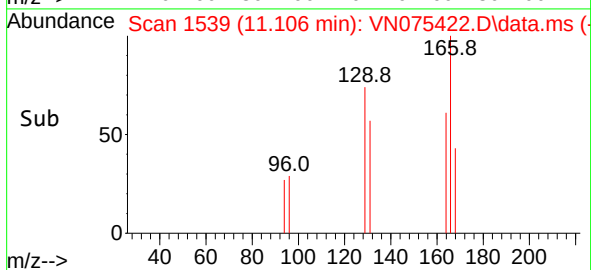
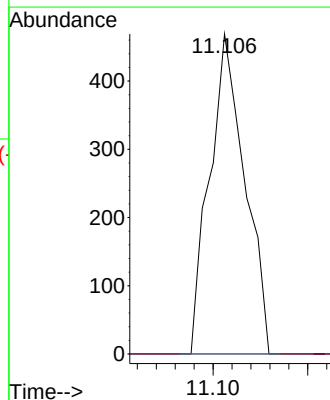
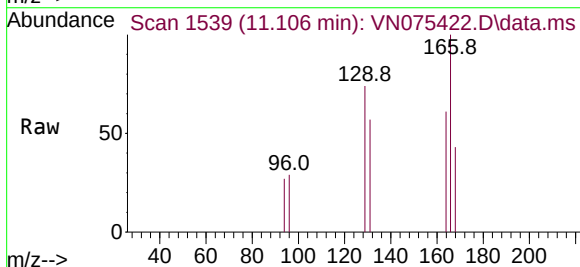
Instrument :
MSVOA_N
ClientSampleId :
TT205S1-20221118

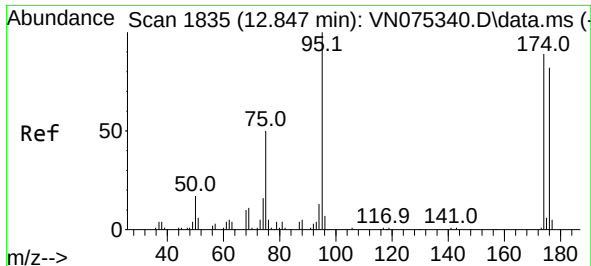
Tgt Ion: 98 Resp: 106023
Ion Ratio Lower Upper
98 100
100 65.1 53.0 79.6



#60
Dibromochloromethane
Concen: 0.340 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.253 min
Lab File: VN075422.D
Acq: 25 Nov 2022 15:42

Tgt Ion: 129 Resp: 606
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#





#62

4-Bromofluorobenzene

Concen: 43.804 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.006 min

Lab File: VN075422.D

Acq: 25 Nov 2022 15:42

Instrument :

MSVOA_N

ClientSampleId :

TT205S1-20221118

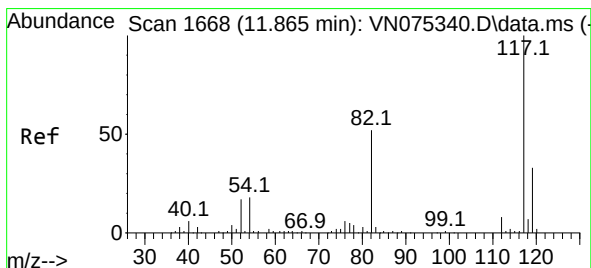
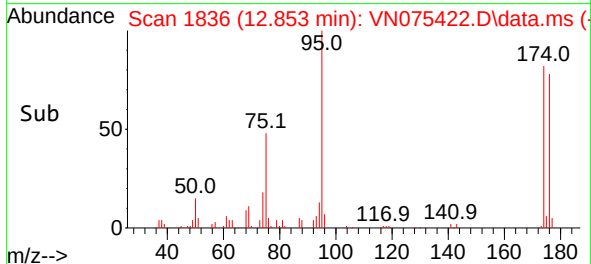
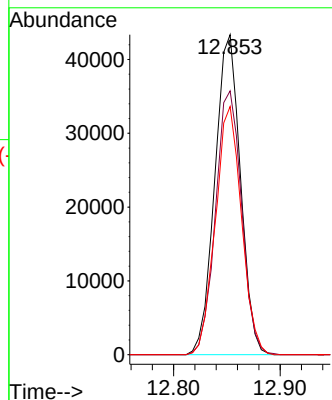
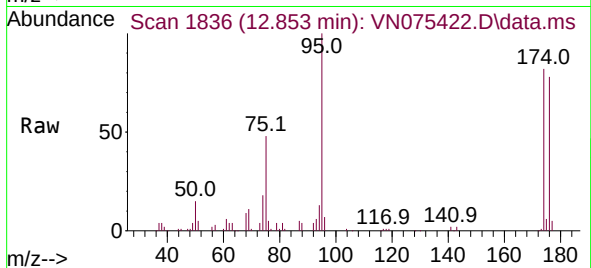
Tgt Ion: 95 Resp: 72205

Ion Ratio Lower Upper

95 100

174 84.1 0.0 147.4

176 79.1 0.0 142.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1668

Delta R.T. -0.000 min

Lab File: VN075422.D

Acq: 25 Nov 2022 15:42

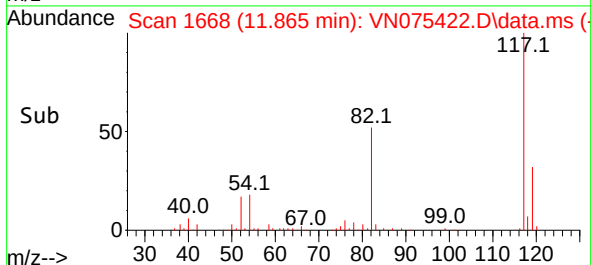
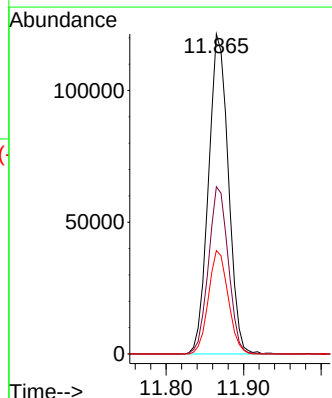
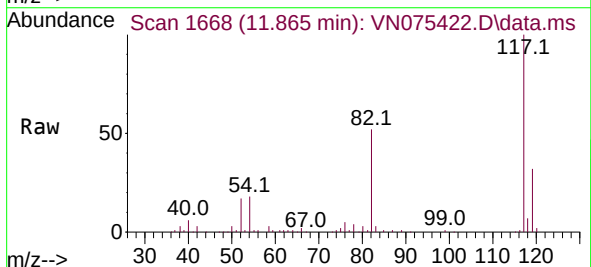
Tgt Ion: 117 Resp: 216107

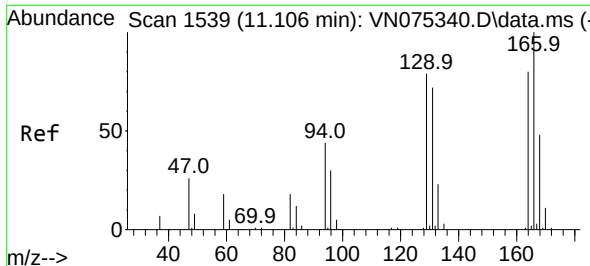
Ion Ratio Lower Upper

117 100

82 52.3 43.1 64.7

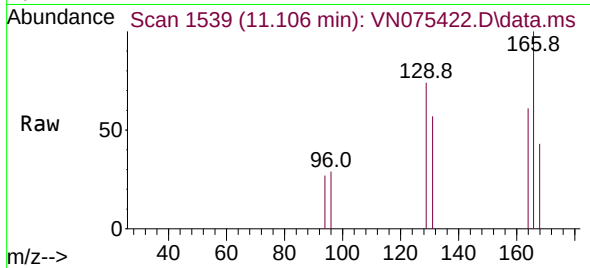
119 32.3 25.5 38.3



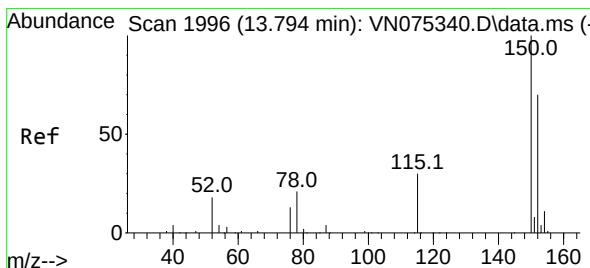
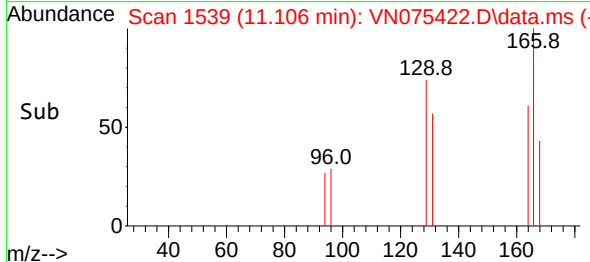
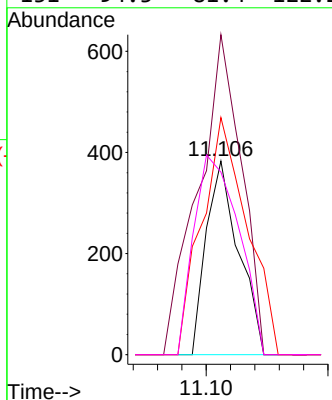


#64
Tetrachloroethene
Concen: 0.215 ug/l
RT: 11.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075422.D
Acq: 25 Nov 2022 15:42

Instrument :
MSVOA_N
ClientSampleId :
TT205S1-20221118

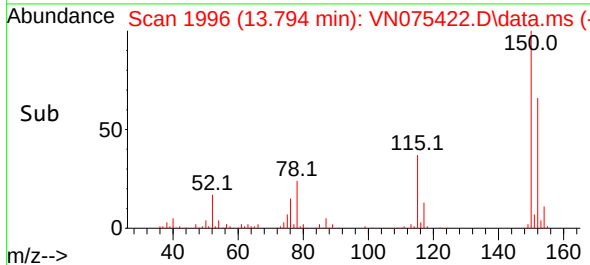
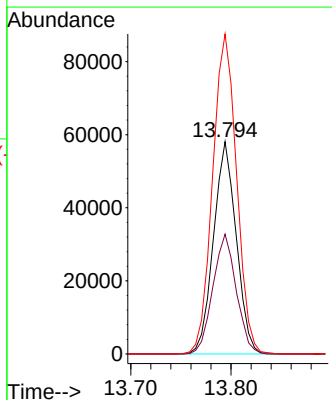
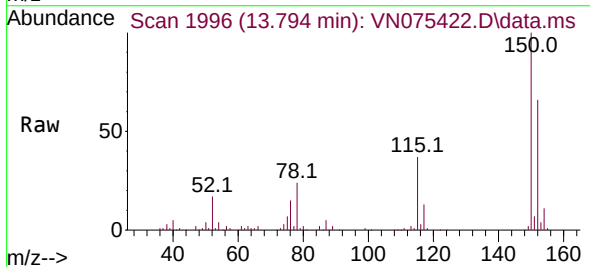


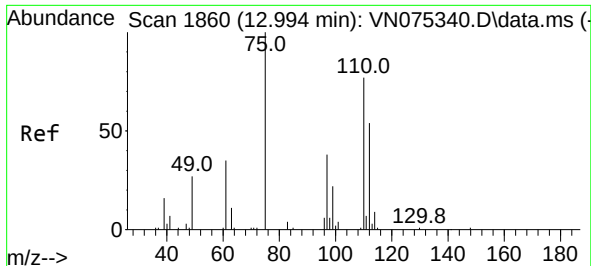
Tgt Ion:164 Resp: 354
Ion Ratio Lower Upper
164 100
166 165.3 106.5 159.7#
129 122.5 81.9 122.9
131 94.3 81.4 122.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075422.D
Acq: 25 Nov 2022 15:42

Tgt Ion:152 Resp: 91502
Ion Ratio Lower Upper
152 100
115 57.9 30.2 90.6
150 158.9 0.0 348.4

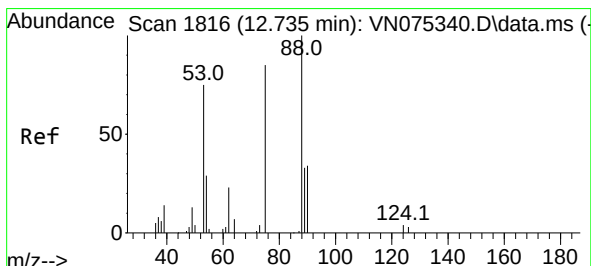
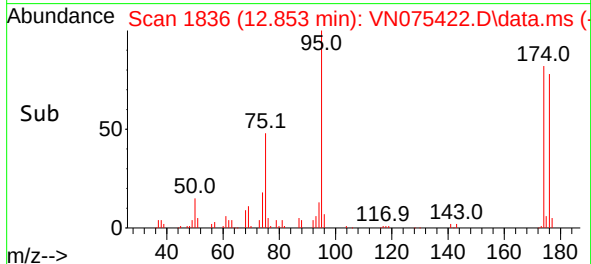
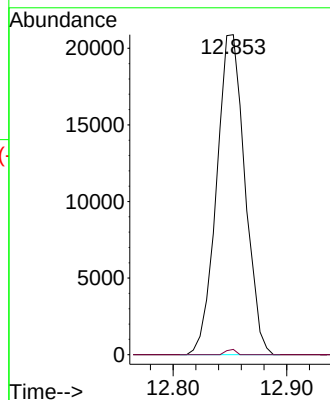
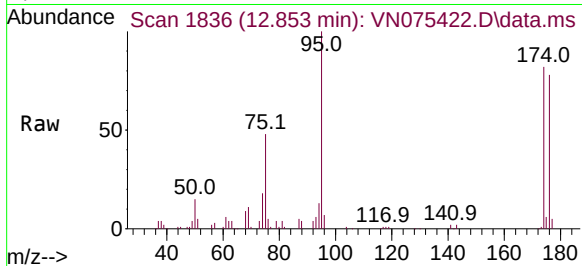




#76
1,2,3-Trichloropropane
Concen: 20.911 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075422.D
Acq: 25 Nov 2022 15:42

Instrument :
MSVOA_N
ClientSampleId :
TT205S1-20221118

Tgt Ion: 75 Resp: 36177
Ion Ratio Lower Upper
75 100
77 0.6 75.6 226.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.870 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.118 min
Lab File: VN075422.D
Acq: 25 Nov 2022 15:42

Tgt Ion: 75 Resp: 36177
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#

