

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110222\
 Data File : VN075131.D
 Acq On : 02 Nov 2022 20:52
 Operator : JC\MD
 Sample : N5395-21
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-2-103122

Quant Time: Nov 03 04:24:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

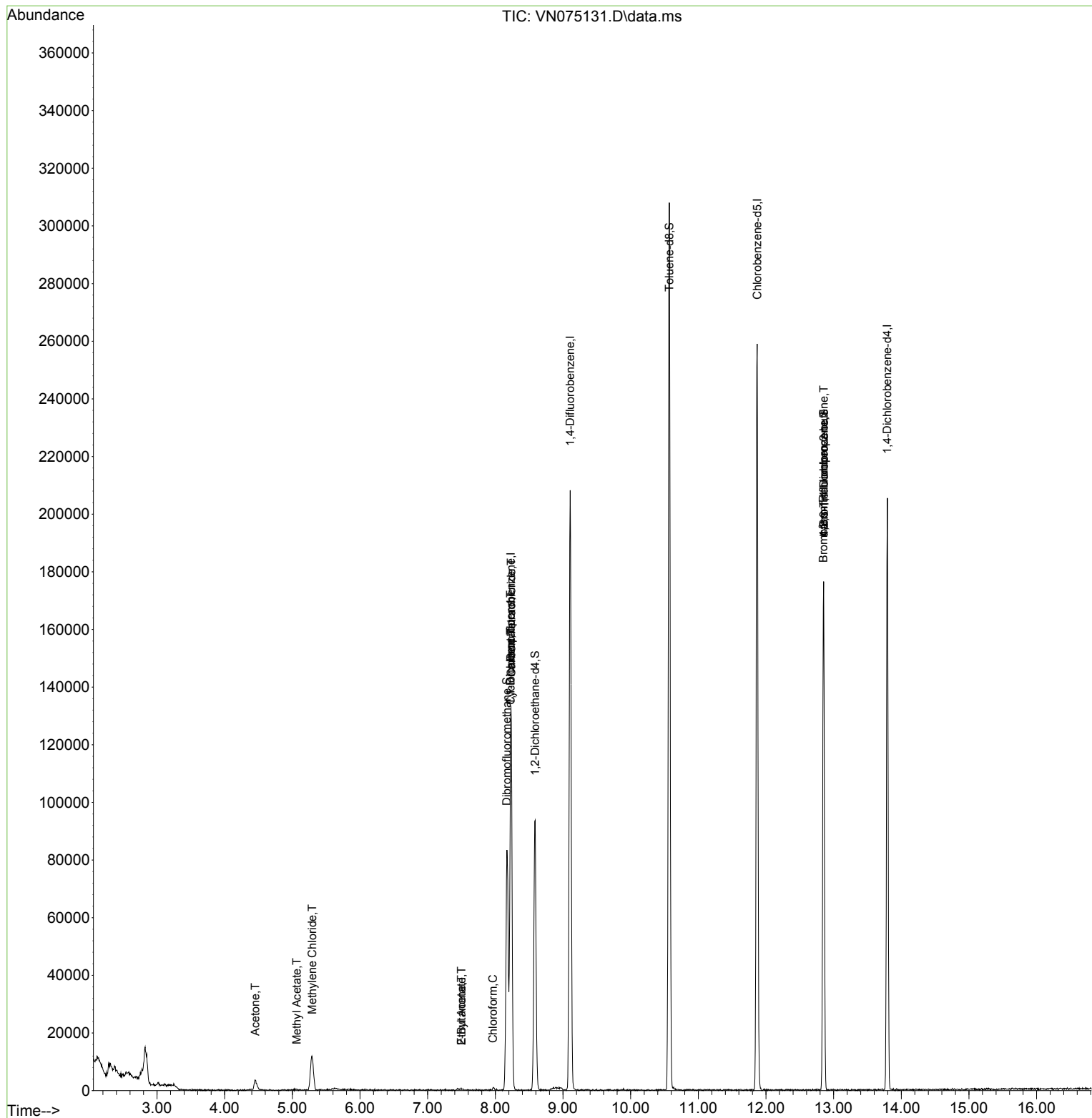
Internal Standards						
1) Pentafluorobenzene	8.230	168	91761	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	181201	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	147573	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	51127	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	77154	62.404	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 124.800%		
35) Dibromofluoromethane	8.171	113	59672	56.096	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 112.200%		
50) Toluene-d8	10.571	98	212611	51.517	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 103.040%		
62) 4-Bromofluorobenzene	12.853	95	58710	40.497	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery	= 81.000%#		
Target Compounds						Qvalue
16) Acetone	4.453	43	7198	13.749	ug/l	96
18) Methyl Acetate	5.065	43	755	0.442	ug/l #	47
20) Methylene Chloride	5.295	84	10074	8.631	ug/l #	84
25) 2-Butanone	7.500	43	613	0.744	ug/l #	43
30) Chloroform	7.965	83	924	0.429	ug/l #	72
31) Cyclohexane	8.224	56	2403	1.307	ug/l #	35
36) 1,1-Dichloropropene	8.224	75	8928	5.421	ug/l #	49
37) Ethyl Acetate	7.500	43	613	0.339	ug/l #	66
38) Carbon Tetrachloride	8.236	117	10497	5.794	ug/l #	16
71) Bromoform	12.847	173	341	0.390	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	33947	31.271	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	33947	80.273	ug/l #	10

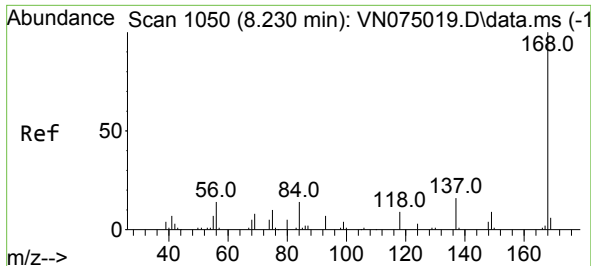
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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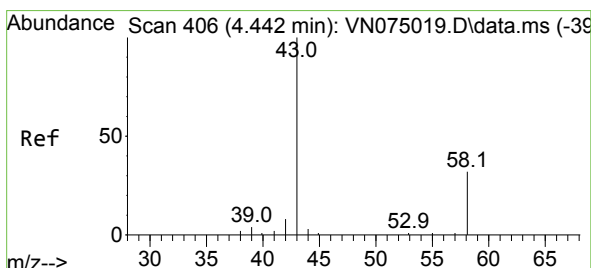
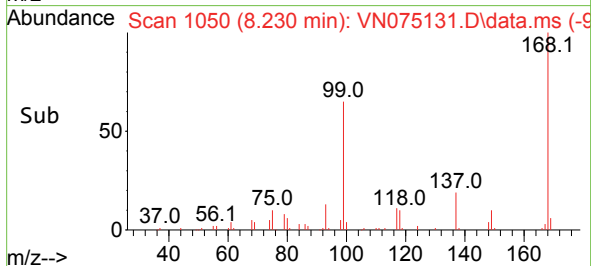
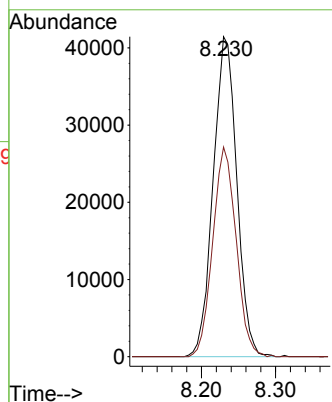
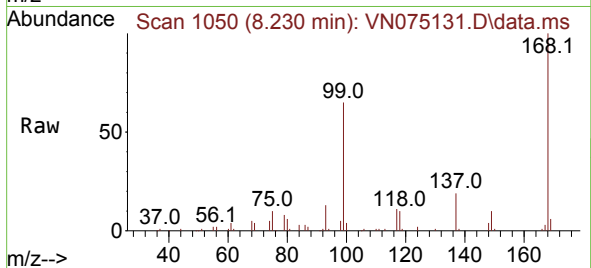




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075131.D
Acq: 02 Nov 2022 20:52

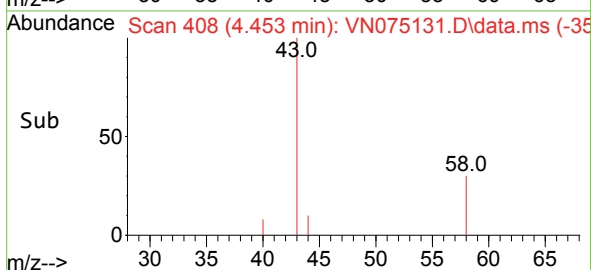
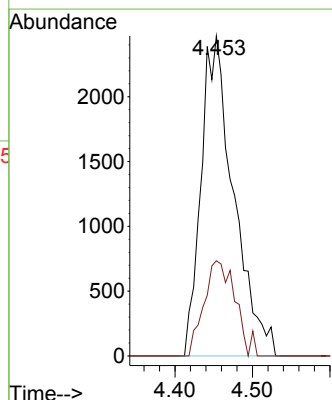
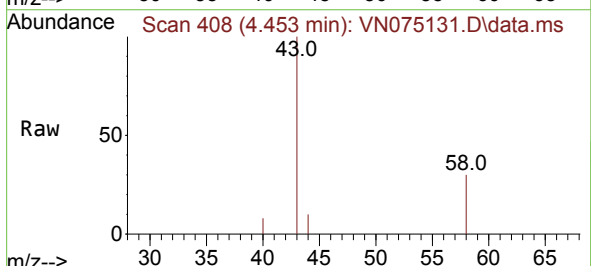
Instrument :
MSVOA_N
ClientSampleId :
S-2-103122

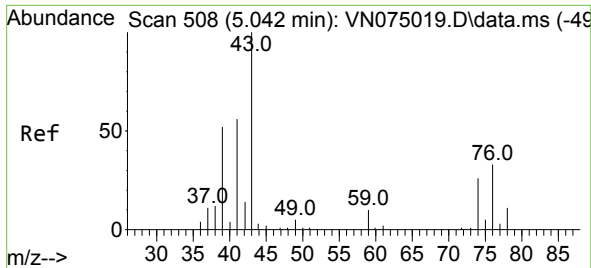
Tgt Ion:168 Resp: 91761
Ion Ratio Lower Upper
168 100
99 65.5 51.6 77.4



#16
Acetone
Concen: 13.749 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.011 min
Lab File: VN075131.D
Acq: 02 Nov 2022 20:52

Tgt Ion: 43 Resp: 7198
Ion Ratio Lower Upper
43 100
58 29.8 25.5 38.3

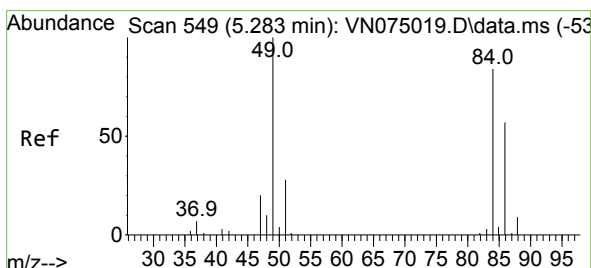
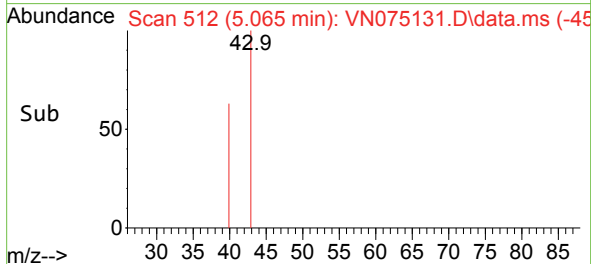
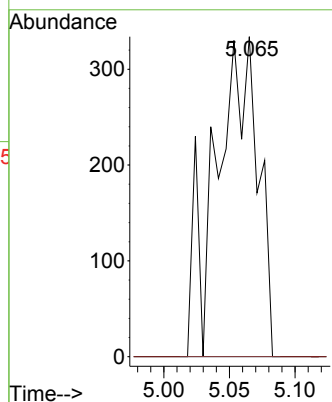
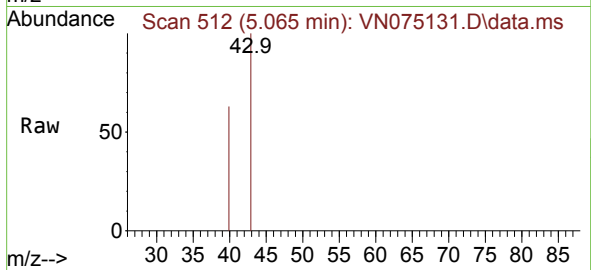




#18
Methyl Acetate
Concen: 0.442 ug/l
RT: 5.065 min Scan# 512
Delta R.T. 0.023 min
Lab File: VN075131.D
Acq: 02 Nov 2022 20:52

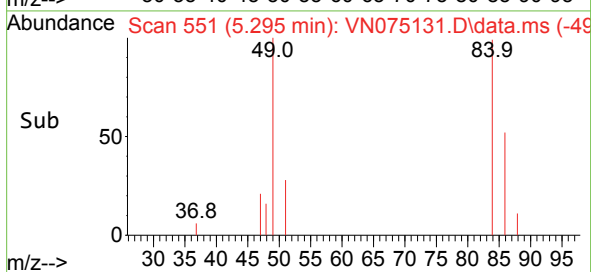
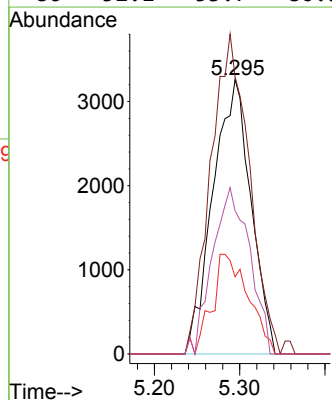
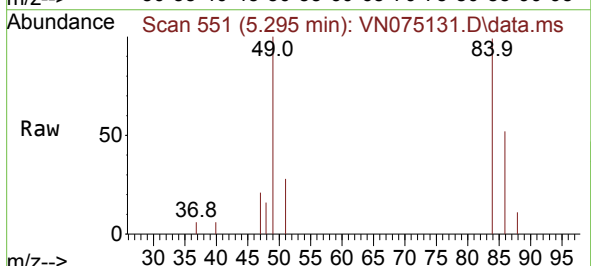
Instrument :
MSVOA_N
ClientSampleId :
S-2-103122

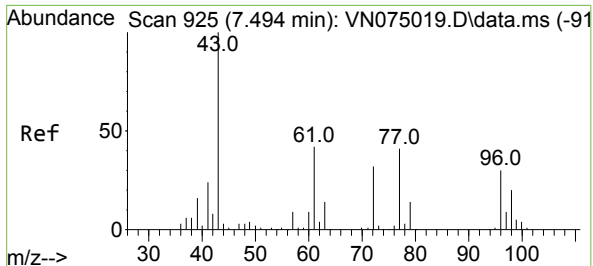
Tgt Ion: 43 Resp: 755
Ion Ratio Lower Upper
43 100
74 0.0 22.0 33.0#



#20
Methylene Chloride
Concen: 8.631 ug/l
RT: 5.295 min Scan# 551
Delta R.T. 0.012 min
Lab File: VN075131.D
Acq: 02 Nov 2022 20:52

Tgt Ion: 84 Resp: 10074
Ion Ratio Lower Upper
84 100
49 101.0 94.9 142.3
51 28.1 26.8 40.2
86 52.1 53.7 80.5#

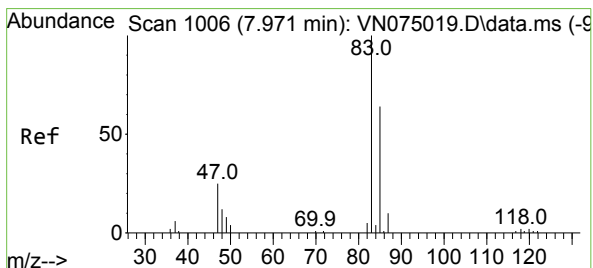
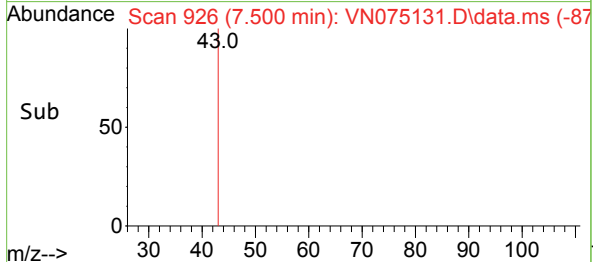
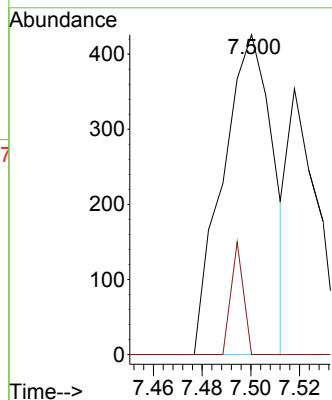
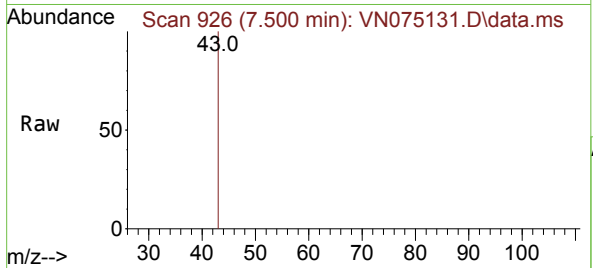




#25
2-Butanone
Concen: 0.744 ug/l
RT: 7.500 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075131.D
Acq: 02 Nov 2022 20:52

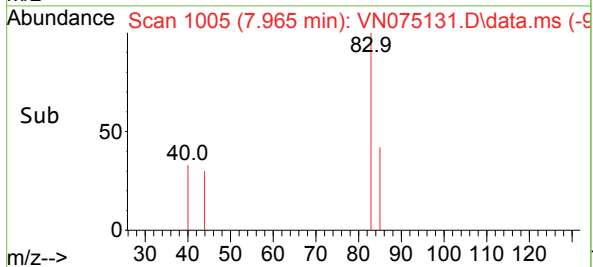
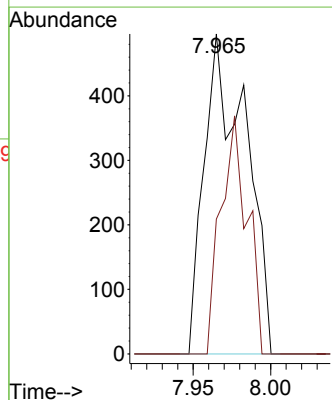
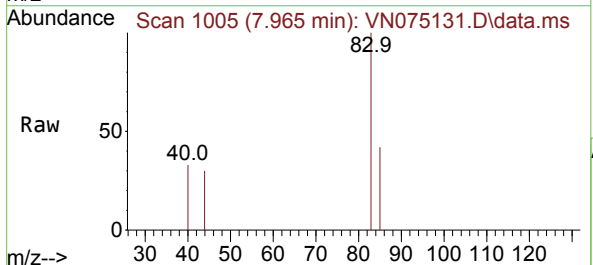
Instrument :
MSVOA_N
ClientSampleId :
S-2-103122

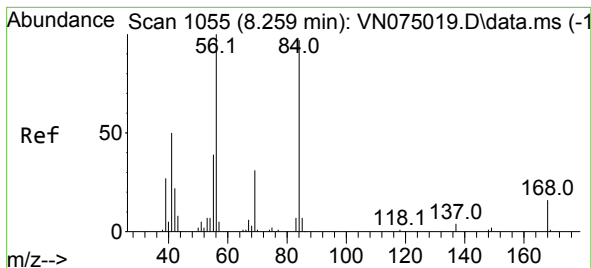
Tgt Ion: 43 Resp: 613
Ion Ratio Lower Upper
43 100
72 0.0 25.5 38.3#



#30
Chloroform
Concen: 0.429 ug/l
RT: 7.965 min Scan# 1005
Delta R.T. -0.006 min
Lab File: VN075131.D
Acq: 02 Nov 2022 20:52

Tgt Ion: 83 Resp: 924
Ion Ratio Lower Upper
83 100
85 42.1 51.4 77.0#





#31

Cyclohexane

Concen: 1.307 ug/l

RT: 8.224 min Scan# 1049

Delta R.T. -0.035 min

Lab File: VN075131.D

Acq: 02 Nov 2022 20:52

Instrument :

MSVOA_N

ClientSampleId :

S-2-103122

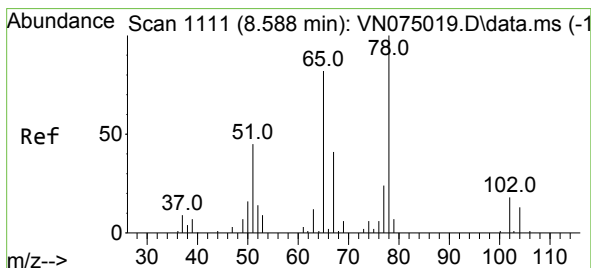
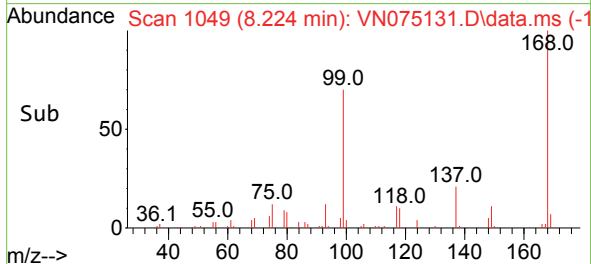
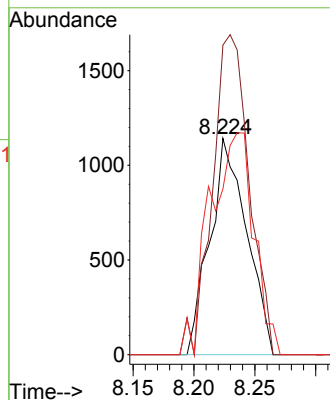
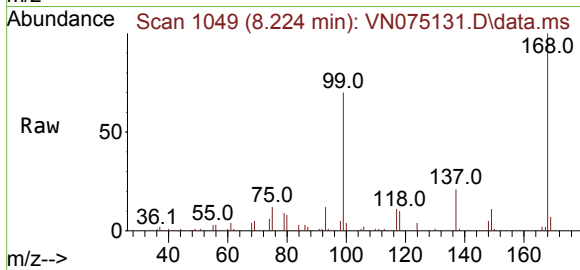
Tgt Ion: 56 Resp: 2403

Ion Ratio Lower Upper

56 100

69 143.2 25.2 37.8#

84 76.6 77.8 116.8#



#33

1,2-Dichloroethane-d4

Concen: 62.404 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.000 min

Lab File: VN075131.D

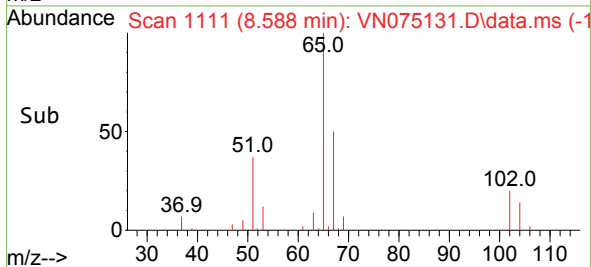
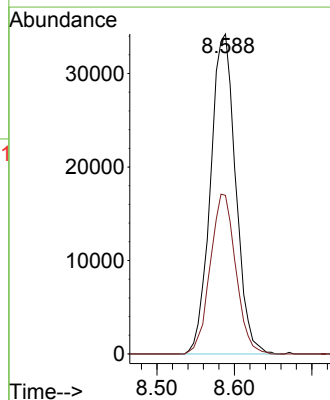
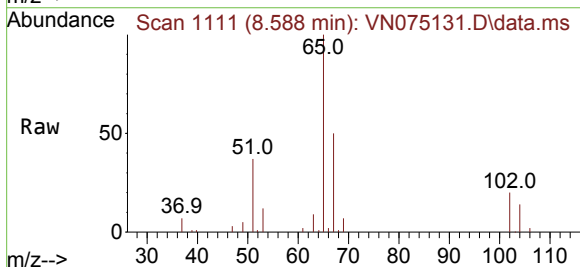
Acq: 02 Nov 2022 20:52

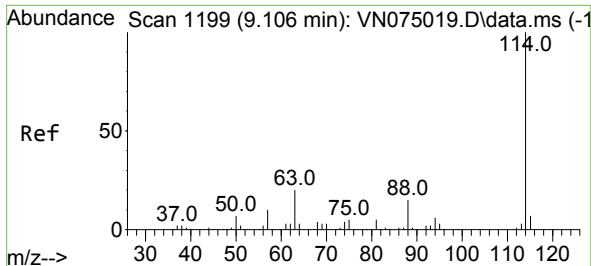
Tgt Ion: 65 Resp: 77154

Ion Ratio Lower Upper

65 100

67 50.7 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: VN075131.D

Acq: 02 Nov 2022 20:52

Instrument :

MSVOA_N

ClientSampleId :

S-2-103122

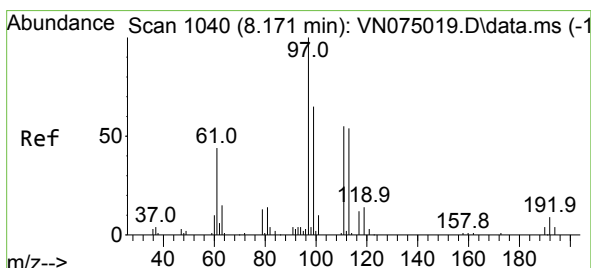
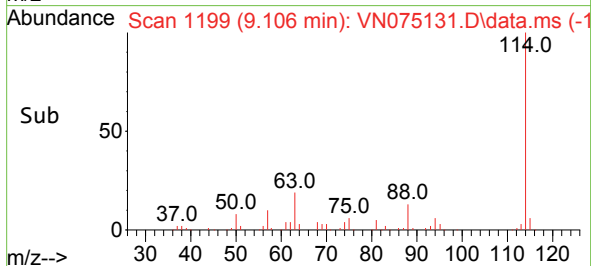
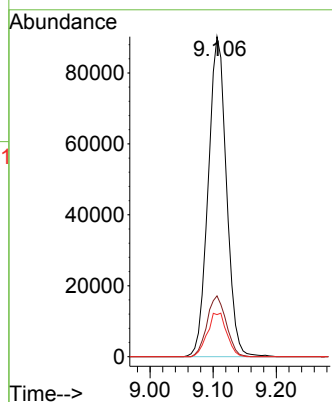
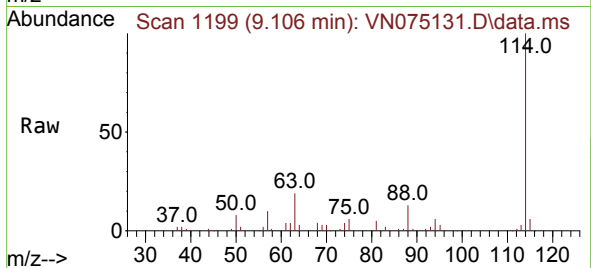
Tgt Ion:114 Resp: 181201

Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.6

88 13.1 0.0 29.0



#35

Dibromofluoromethane

Concen: 56.096 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075131.D

Acq: 02 Nov 2022 20:52

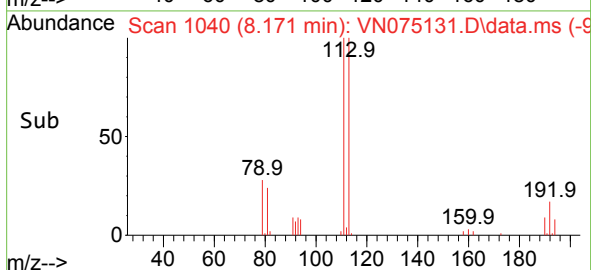
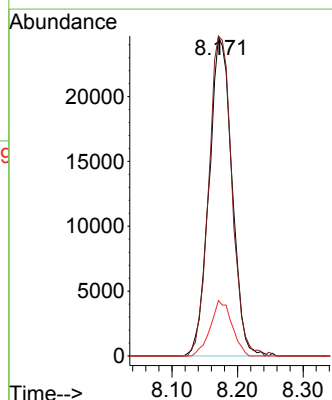
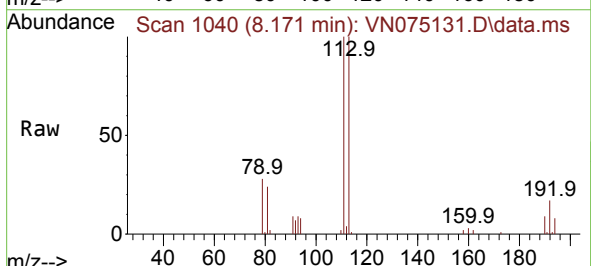
Tgt Ion:113 Resp: 59672

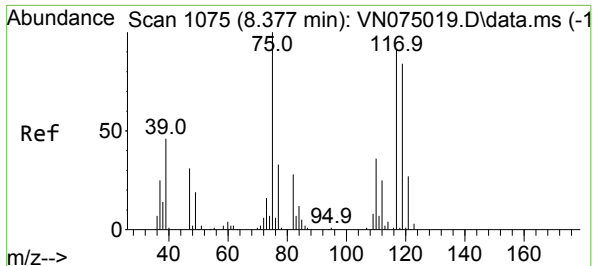
Ion Ratio Lower Upper

113 100

111 101.0 80.5 120.7

192 16.3 13.2 19.8





#36

1,1-Dichloropropene

Concen: 5.421 ug/l

RT: 8.224 min Scan# 1049

Delta R.T. -0.153 min

Lab File: VN075131.D

Acq: 02 Nov 2022 20:52

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S-2-103122

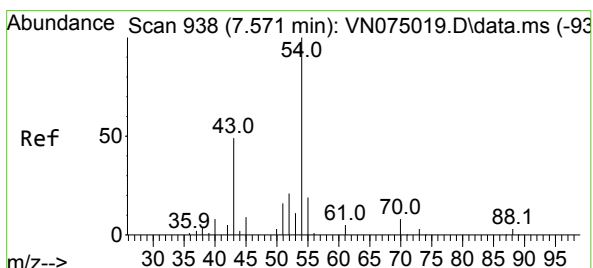
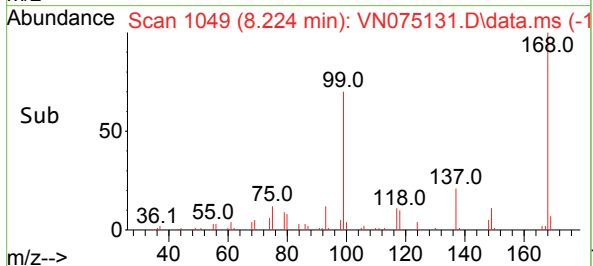
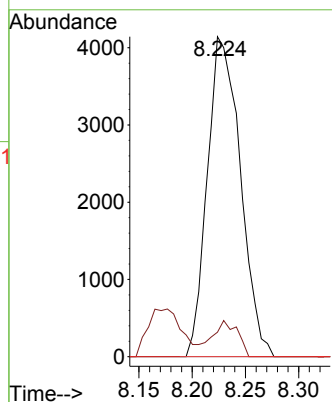
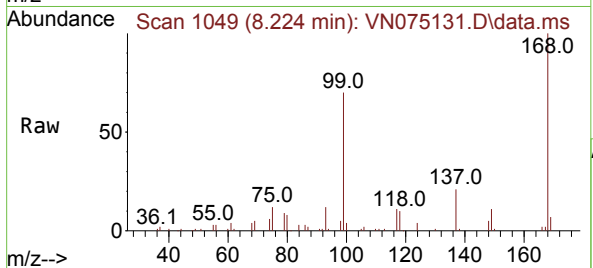
Tgt Ion: 75 Resp: 8928

Ion Ratio Lower Upper

75 100

110 8.6 17.8 53.3#

77 0.0 24.6 37.0#



#37

Ethyl Acetate

Concen: 0.339 ug/l

RT: 7.500 min Scan# 926

Delta R.T. -0.071 min

Lab File: VN075131.D

Acq: 02 Nov 2022 20:52

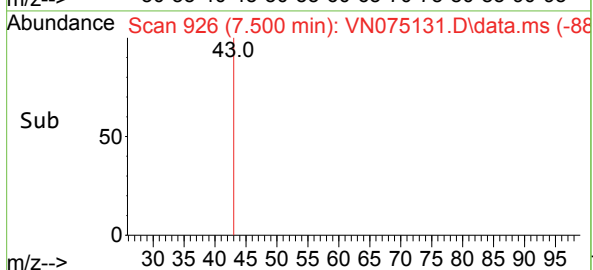
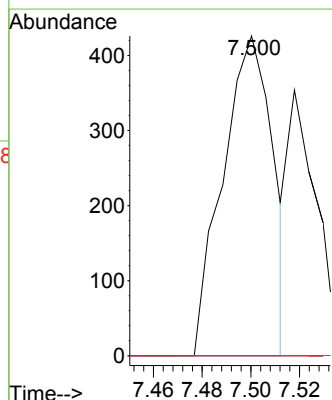
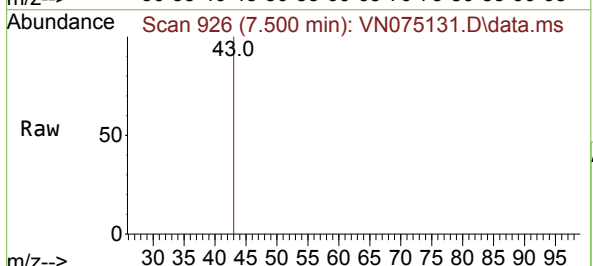
Tgt Ion: 43 Resp: 613

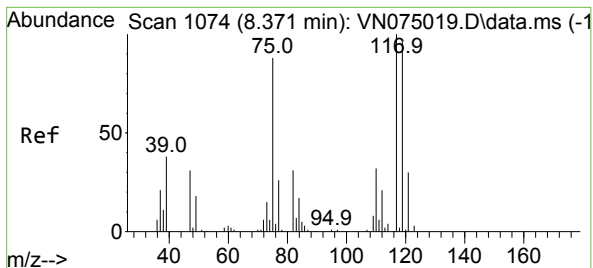
Ion Ratio Lower Upper

43 100

61 0.0 12.2 18.4#

70 0.0 9.4 14.2#





#38

Carbon Tetrachloride

Concen: 5.794 ug/l

RT: 8.236 min Scan# 1051

Delta R.T. -0.135 min

Lab File: VN075131.D

Acq: 02 Nov 2022 20:52

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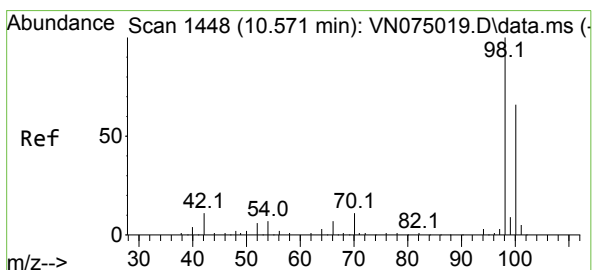
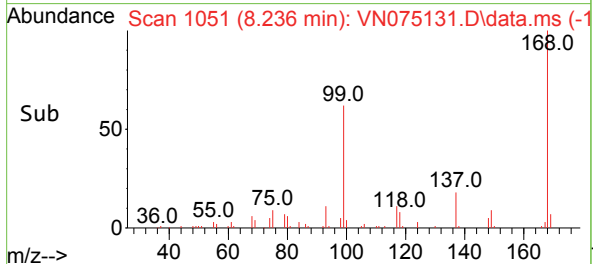
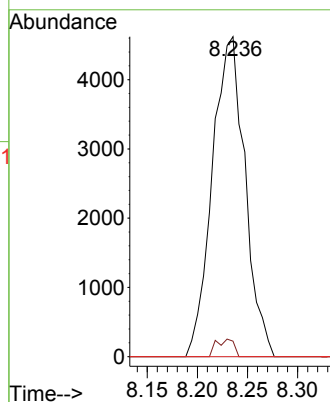
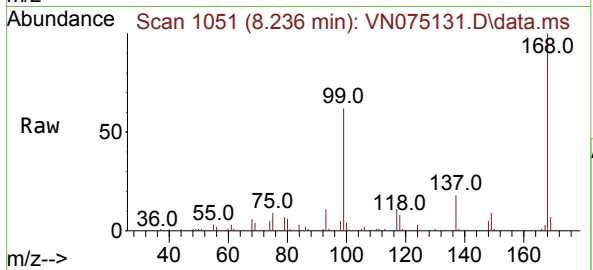
Tgt Ion:117 Resp: 10497

Ion Ratio Lower Upper

117 100

119 4.8 76.7 115.1#

121 0.0 23.9 35.9#



#50

Toluene-d8

Concen: 51.517 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN075131.D

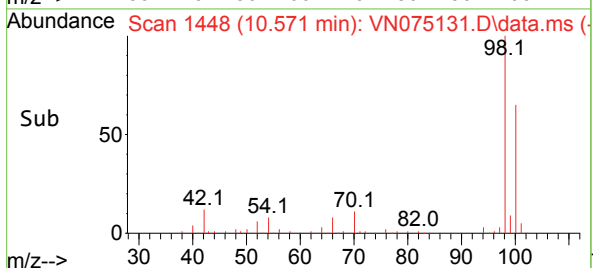
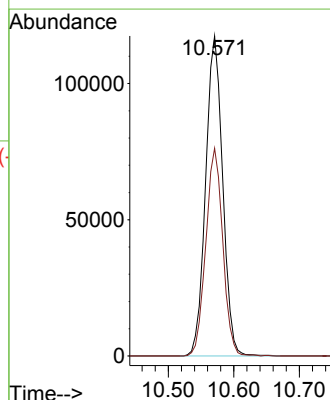
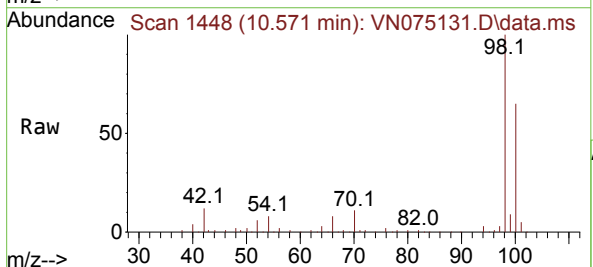
Acq: 02 Nov 2022 20:52

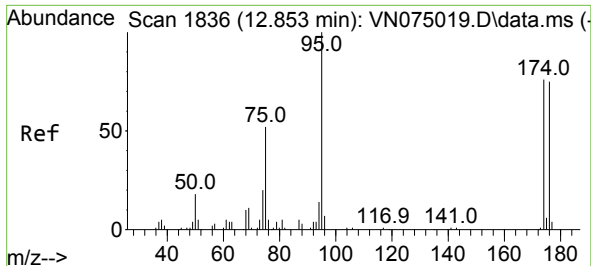
Tgt Ion: 98 Resp: 212611

Ion Ratio Lower Upper

98 100

100 64.5 53.0 79.6

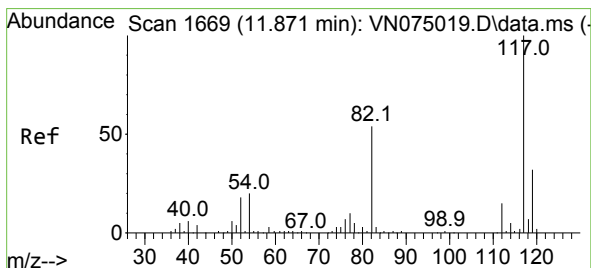
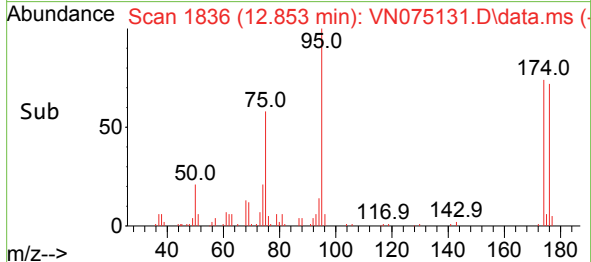
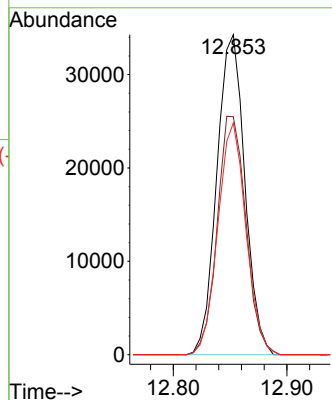
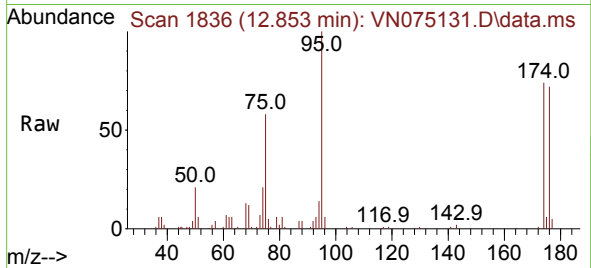




#62
4-Bromofluorobenzene
Concen: 40.497 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075131.D
Acq: 02 Nov 2022 20:52

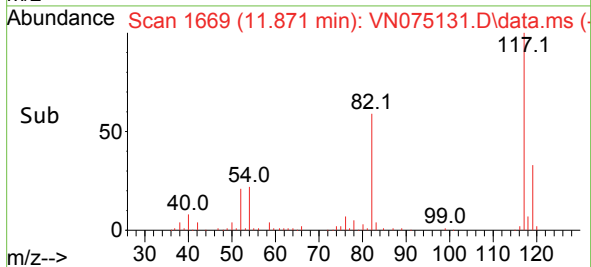
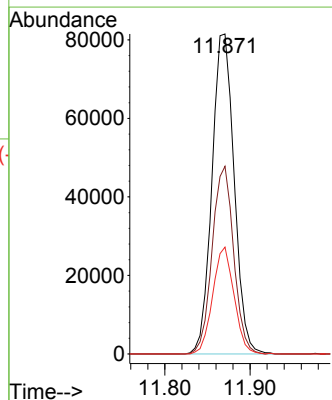
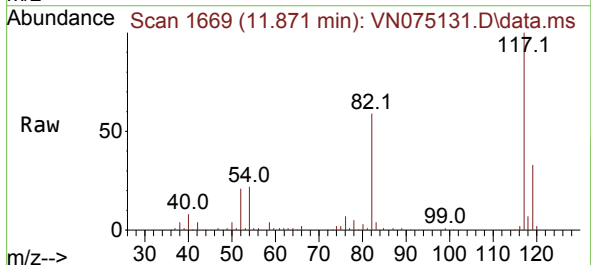
Instrument :
MSVOA_N
ClientSampleId :
S-2-103122

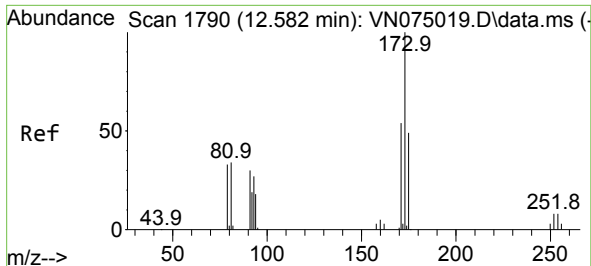
Tgt Ion: 95 Resp: 58710
Ion Ratio Lower Upper
95 100
174 76.2 0.0 147.4
176 72.7 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN075131.D
Acq: 02 Nov 2022 20:52

Tgt Ion: 117 Resp: 147573
Ion Ratio Lower Upper
117 100
82 58.7 43.1 64.7
119 33.4 25.5 38.3

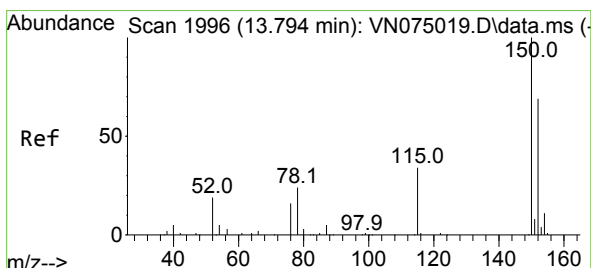
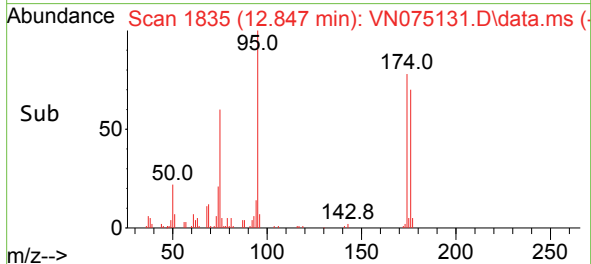
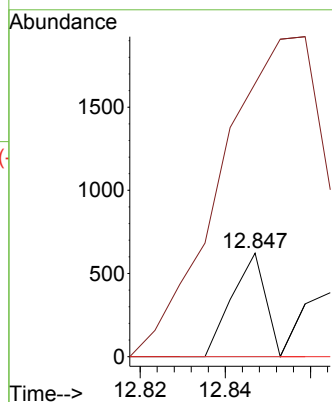
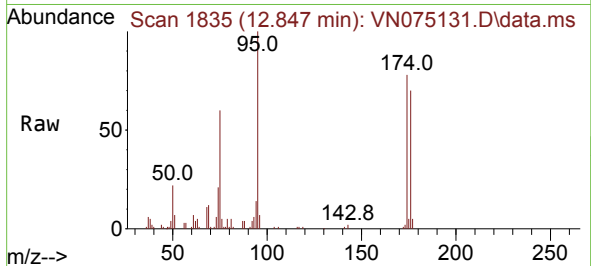




#71
Bromoform
Concen: 0.390 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.265 min
Lab File: VN075131.D
Acq: 02 Nov 2022 20:52

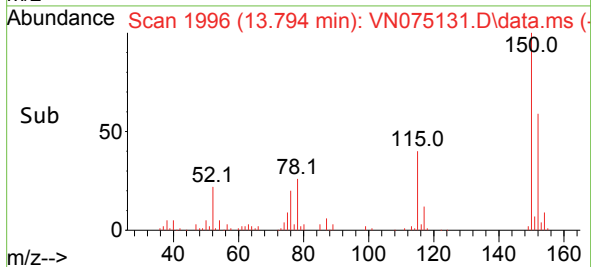
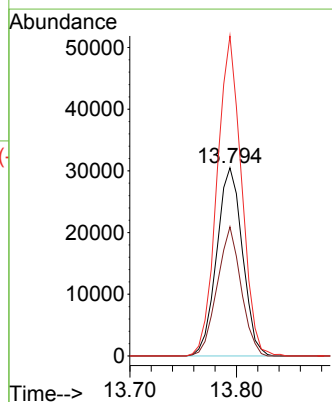
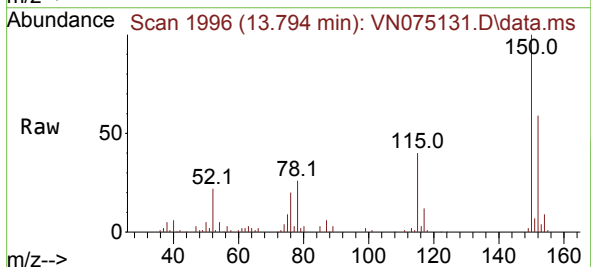
Instrument :
MSVOA_N
ClientSampleId :
S-2-103122

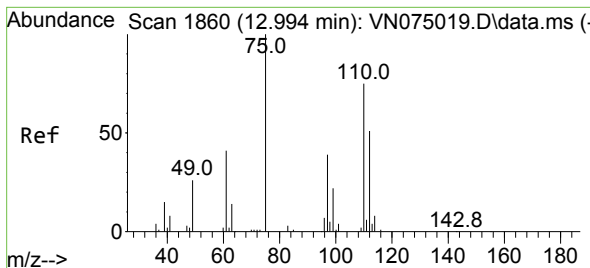
Tgt Ion:173 Resp: 341
Ion Ratio Lower Upper
173 100
175 0.0 24.6 74.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075131.D
Acq: 02 Nov 2022 20:52

Tgt Ion:152 Resp: 51127
Ion Ratio Lower Upper
152 100
115 63.8 30.2 90.6
150 161.5 0.0 348.4





#76

1,2,3-Trichloropropane

Concen: 31.271 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.141 min

Lab File: VN075131.D

Acq: 02 Nov 2022 20:52

Instrument :

MSVOA_N

ClientSampleId :

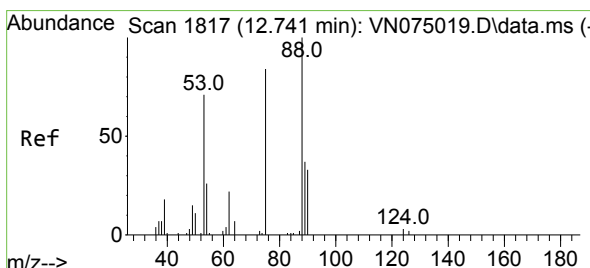
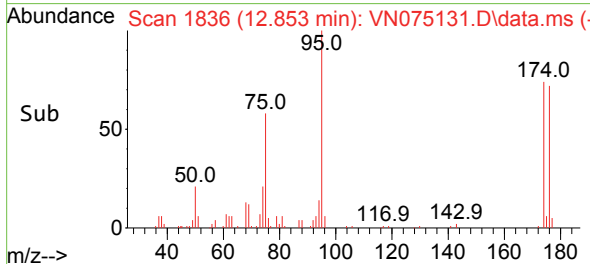
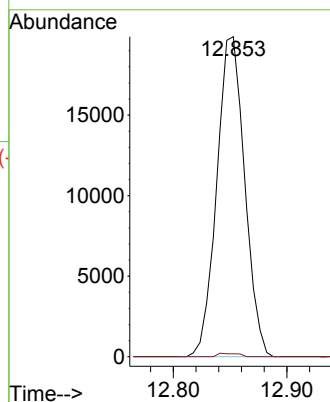
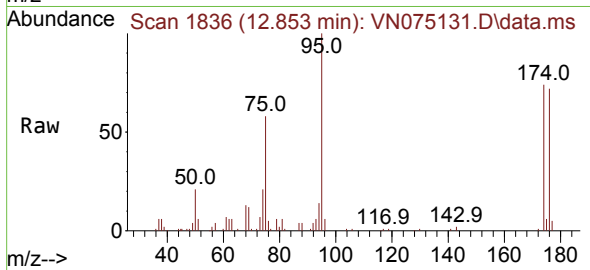
S-2-103122

Tgt Ion: 75 Resp: 33947

Ion Ratio Lower Upper

75 100

77 0.8 75.6 226.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 80.273 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.112 min

Lab File: VN075131.D

Acq: 02 Nov 2022 20:52

Tgt Ion: 75 Resp: 33947

Ion Ratio Lower Upper

75 100

53 0.0 78.5 117.7#

89 0.0 37.7 56.5#

