

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111822\
 Data File : VN075310.D
 Acq On : 18 Nov 2022 14:08
 Operator : JC\MD
 Sample : VN1118WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 19 05:05:36 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)

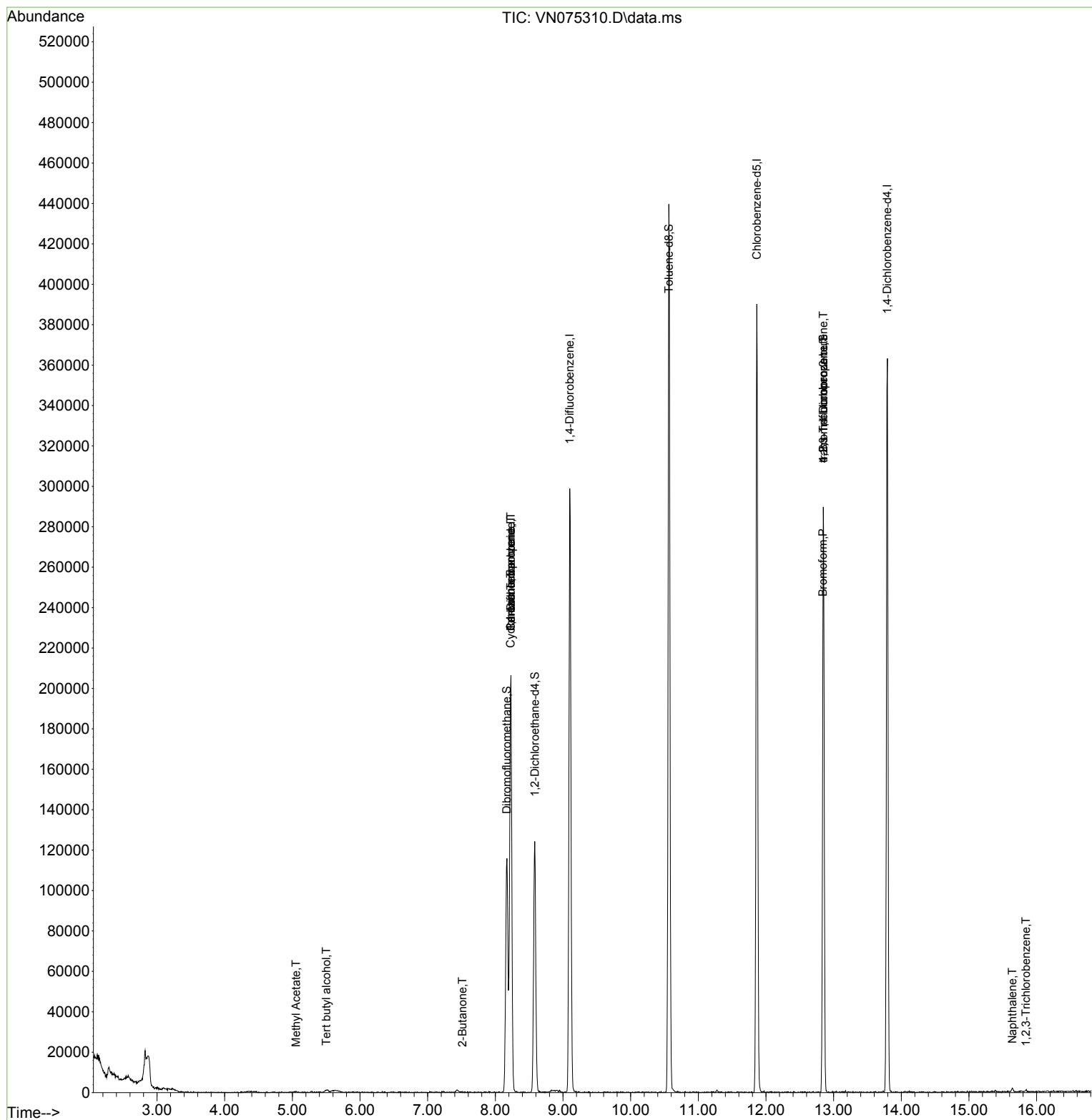
Internal Standards						
1) Pentafluorobenzene	8.230	168	151960	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	271119	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	237951	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	100659	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	99010	48.357	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.720%		
35) Dibromofluoromethane	8.171	113	84285	52.956	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.920%		
50) Toluene-d8	10.565	98	314808	50.981	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.960%		
62) 4-Bromofluorobenzene	12.847	95	99384	45.817	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.640%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.924	94	372	Below Cal	#	73
11) Tert butyl alcohol	5.500	59	394	0.825	ug/l #	72
18) Methyl Acetate	5.053	43	698	0.246	ug/l #	47
25) 2-Butanone	7.512	43	419	0.307	ug/l #	43
31) Cyclohexane	8.224	56	3121	1.025	ug/l #	3
36) 1,1-Dichloropropene	8.230	75	12051	4.891	ug/l #	51
38) Carbon Tetrachloride	8.230	117	16333	6.026	ug/l #	14
71) Bromoform	12.841	173	734	0.520	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	52210	24.428	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	52210	62.708	ug/l #	10
95) Naphthalene	15.641	128	2425	0.423	ug/l #	79
96) 1,2,3-Trichlorobenzene	15.841	180	453	0.306	ug/l #	68

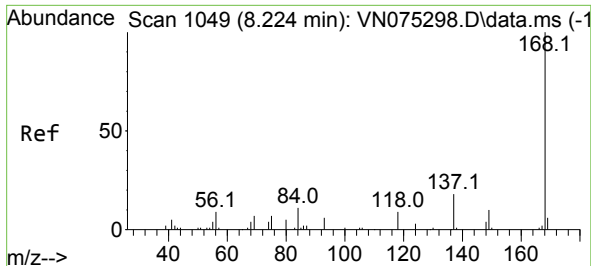
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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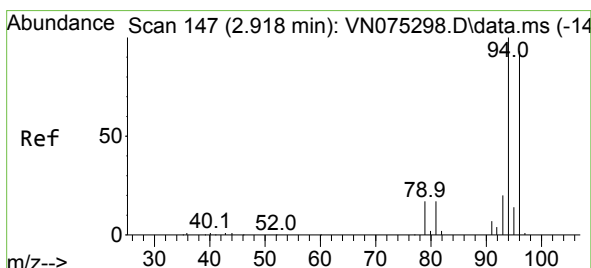
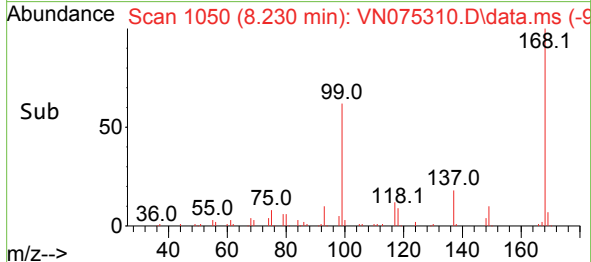
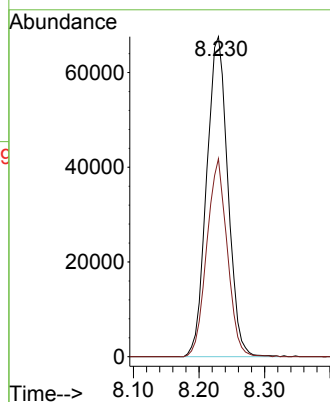
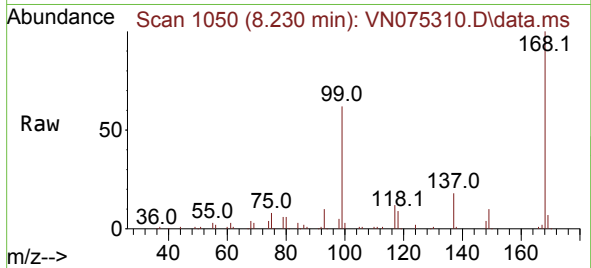




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075310.D
Acq: 18 Nov 2022 14:08

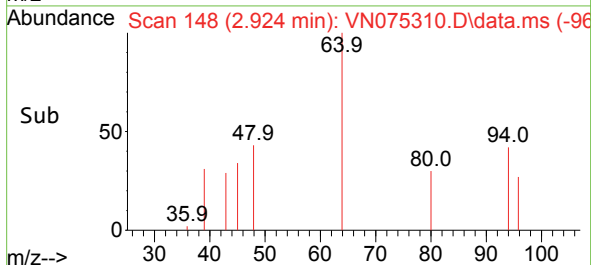
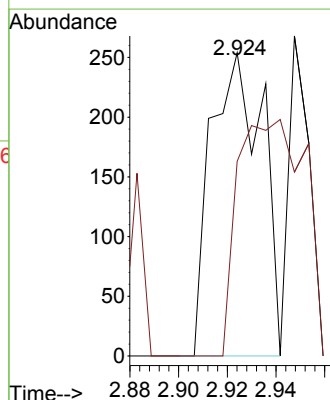
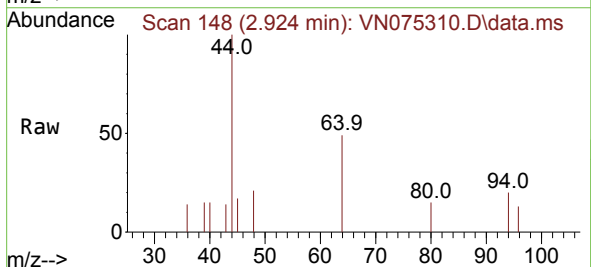
Instrument :
MSVOA_N
ClientSampleId :

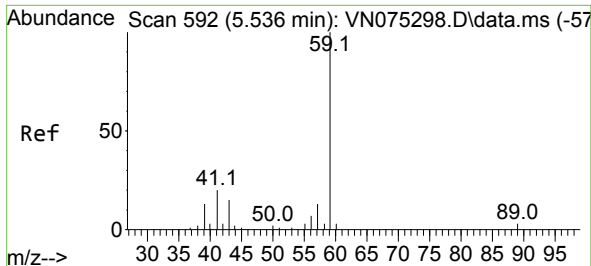
Tgt Ion:168 Resp: 151960
Ion Ratio Lower Upper
168 100
99 61.9 51.6 77.4



#5
Bromomethane
Concen: Below Cal
RT: 2.924 min Scan# 148
Delta R.T. 0.006 min
Lab File: VN075310.D
Acq: 18 Nov 2022 14:08

Tgt Ion: 94 Resp: 372
Ion Ratio Lower Upper
94 100
96 64.2 71.8 107.6#

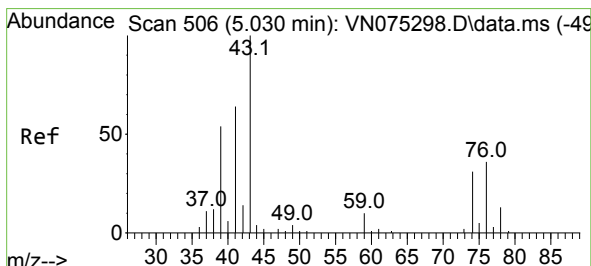
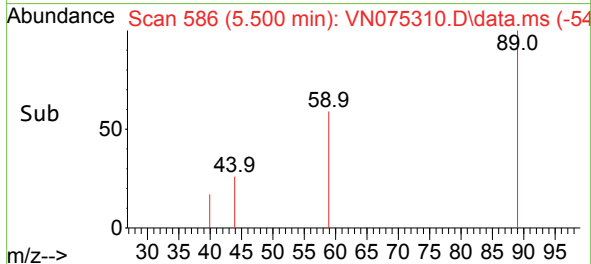
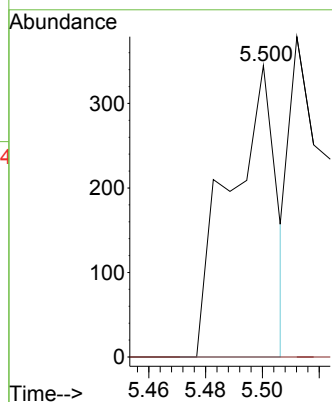
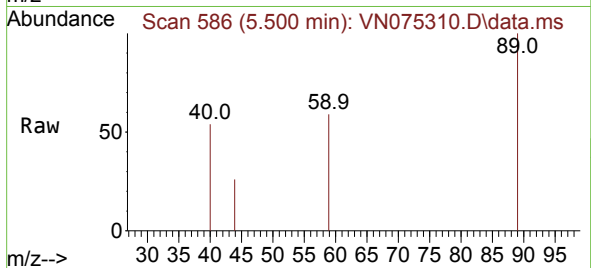




#11
Tert butyl alcohol
Concen: 0.825 ug/l
RT: 5.500 min Scan# 510
Delta R.T. -0.042 min
Lab File: VN075310.D
Acq: 18 Nov 2022 14:08

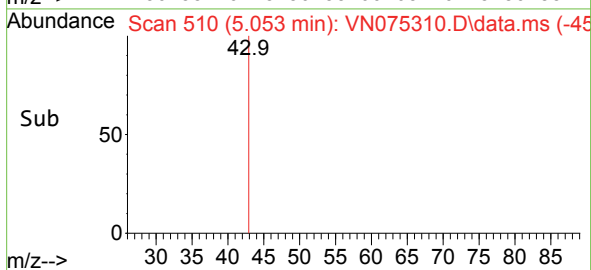
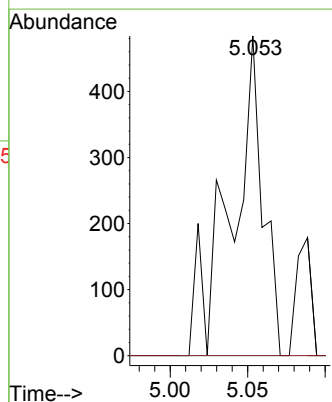
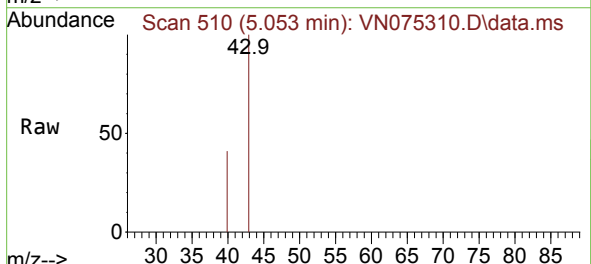
Instrument :
MSVOA_N
ClientSampleId :

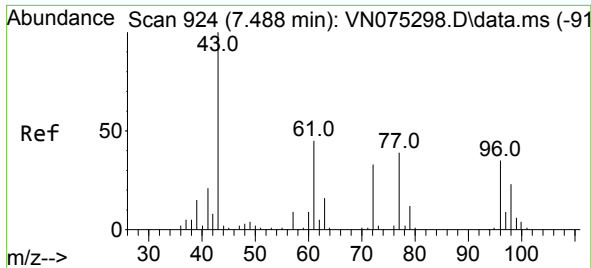
Tgt Ion: 59 Resp: 394
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#18
Methyl Acetate
Concen: 0.246 ug/l
RT: 5.053 min Scan# 510
Delta R.T. 0.011 min
Lab File: VN075310.D
Acq: 18 Nov 2022 14:08

Tgt Ion: 43 Resp: 698
Ion Ratio Lower Upper
43 100
74 0.0 22.0 33.0#





#25

2-Butanone

Concen: 0.307 ug/l

RT: 7.512 min Scan# 91

Delta R.T. 0.018 min

Lab File: VN075310.D

Acq: 18 Nov 2022 14:08

Instrument :

MSVOA_N

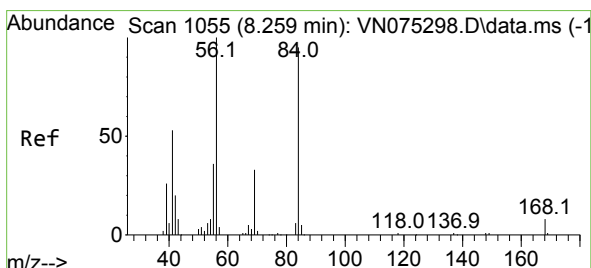
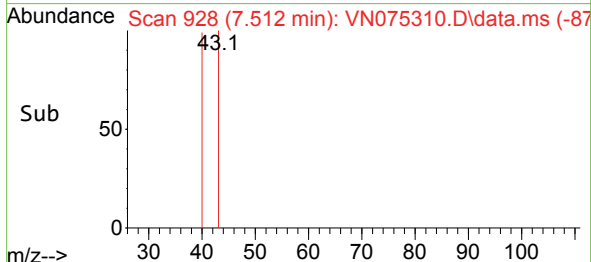
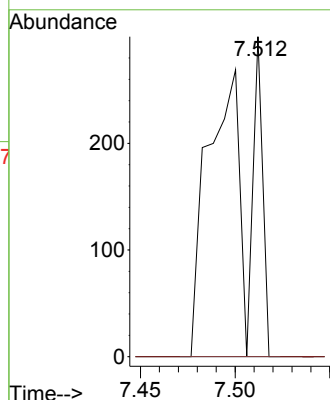
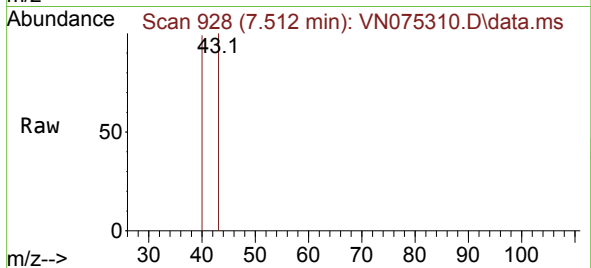
ClientSampleId :

Tgt Ion: 43 Resp: 419

Ion Ratio Lower Upper

43 100

72 0.0 25.5 38.3#



#31

Cyclohexane

Concen: 1.025 ug/l

RT: 8.224 min Scan# 1049

Delta R.T. -0.035 min

Lab File: VN075310.D

Acq: 18 Nov 2022 14:08

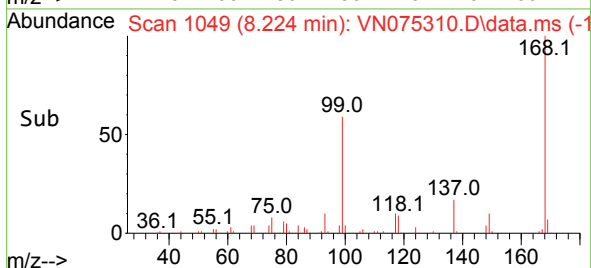
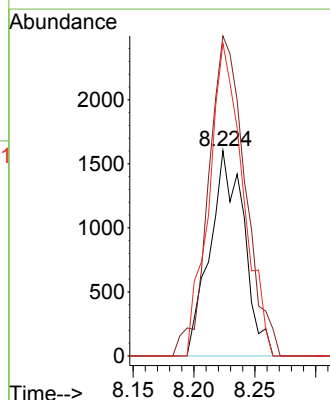
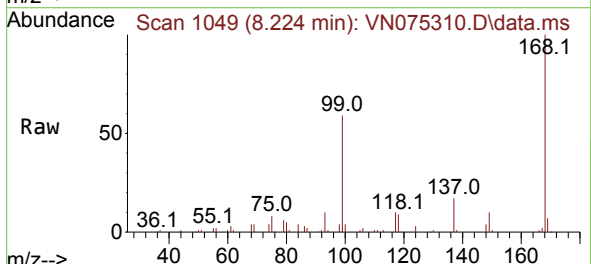
Tgt Ion: 56 Resp: 3121

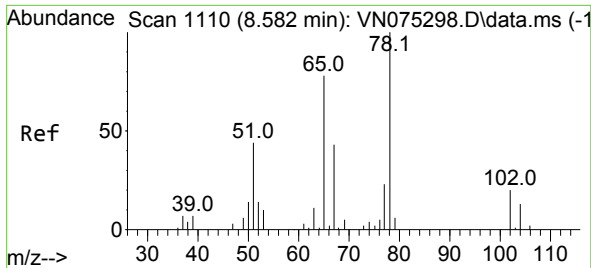
Ion Ratio Lower Upper

56 100

69 155.9 25.2 37.8#

84 152.4 77.8 116.8#





#33

1,2-Dichloroethane-d4

Concen: 48.357 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.005 min

Lab File: VN075310.D

Acq: 18 Nov 2022 14:08

Instrument :

MSVOA_N

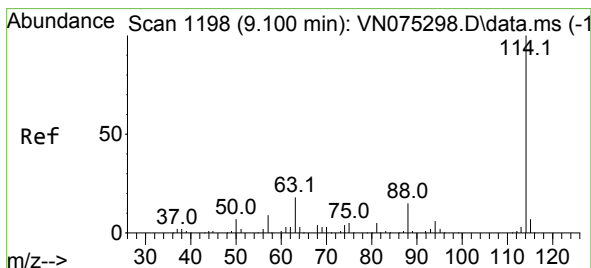
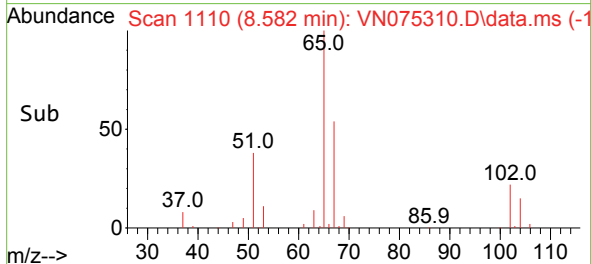
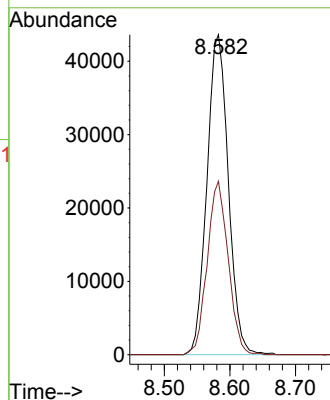
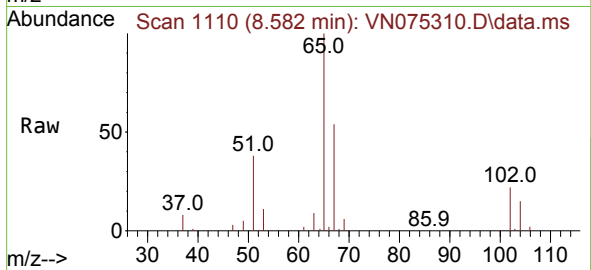
ClientSampleId :

Tgt Ion: 65 Resp: 99010

Ion Ratio Lower Upper

65 100

67 53.1 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1198

Delta R.T. -0.006 min

Lab File: VN075310.D

Acq: 18 Nov 2022 14:08

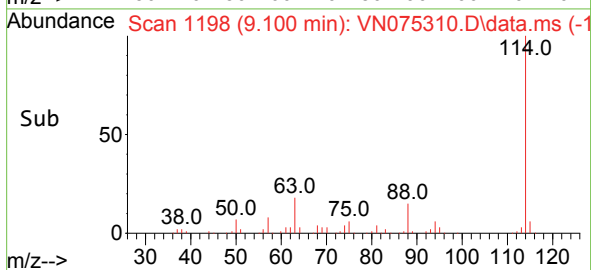
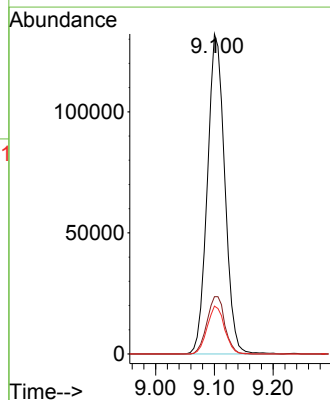
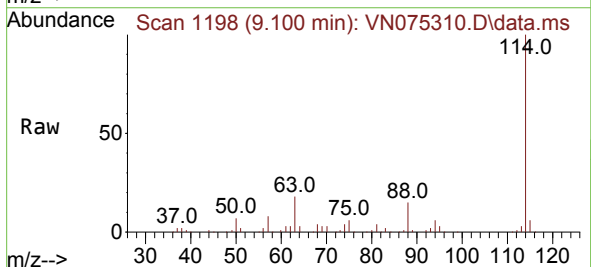
Tgt Ion: 114 Resp: 271119

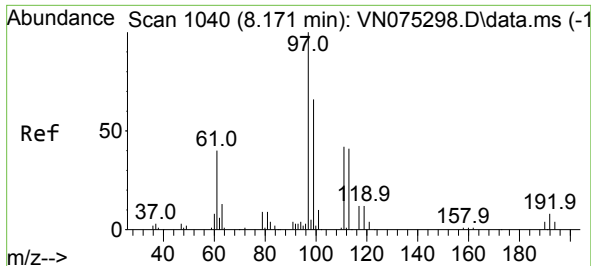
Ion Ratio Lower Upper

114 100

63 17.9 0.0 39.6

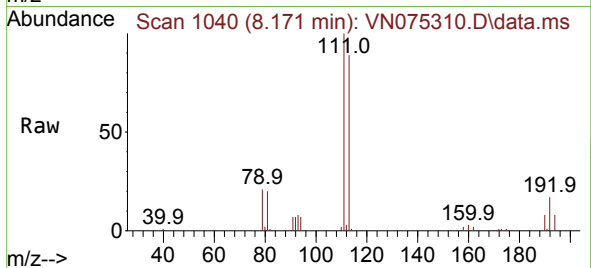
88 15.0 0.0 29.0



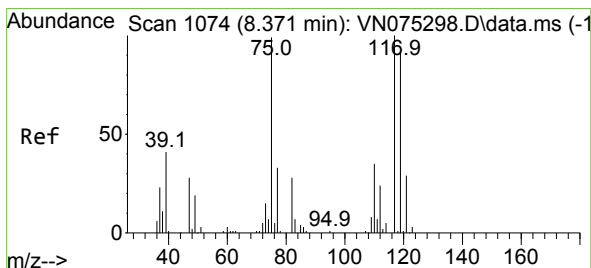
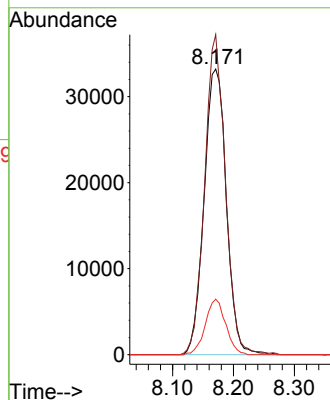
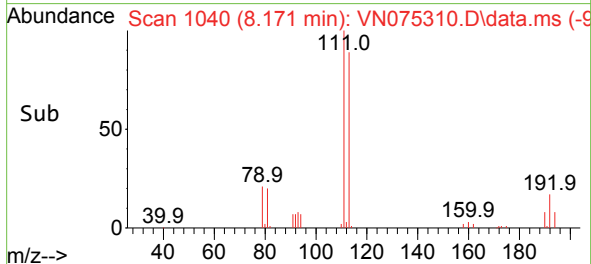


#35
Dibromofluoromethane
Concen: 52.956 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075310.D
Acq: 18 Nov 2022 14:08

Instrument :
MSVOA_N
ClientSampleId :

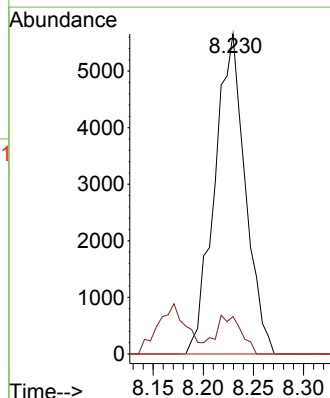
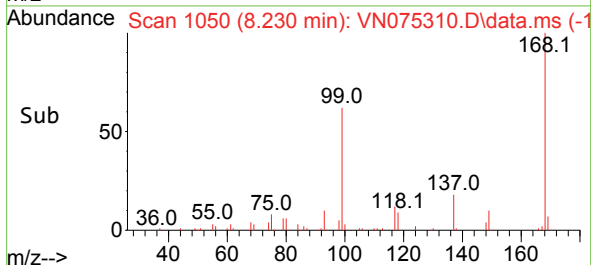
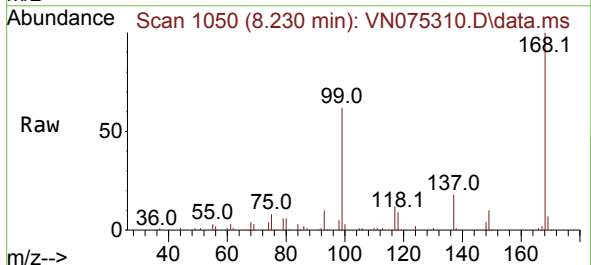


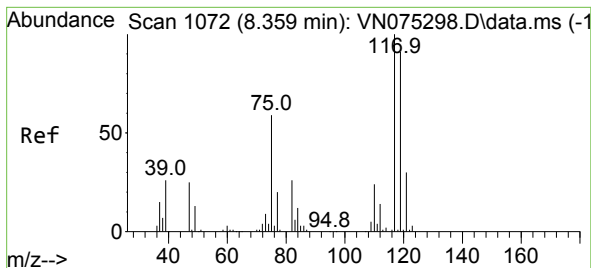
Tgt Ion:113 Resp: 84285
Ion Ratio Lower Upper
113 100
111 104.6 80.5 120.7
192 17.8 13.2 19.8



#36
1,1-Dichloropropene
Concen: 4.891 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN075310.D
Acq: 18 Nov 2022 14:08

Tgt Ion: 75 Resp: 12051
Ion Ratio Lower Upper
75 100
110 10.0 17.8 53.3#
77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 6.026 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.141 min

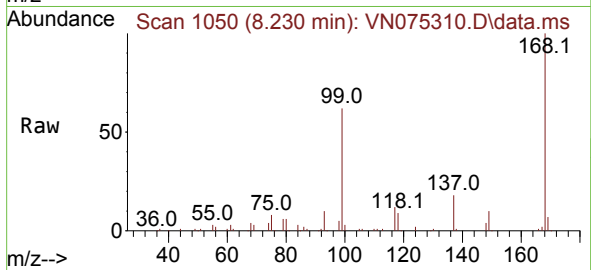
Lab File: VN075310.D

Acq: 18 Nov 2022 14:08

Instrument :

MSVOA_N

ClientSampleId :



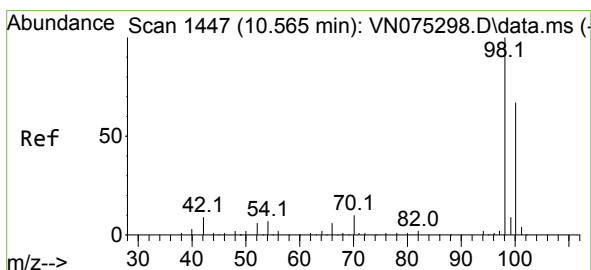
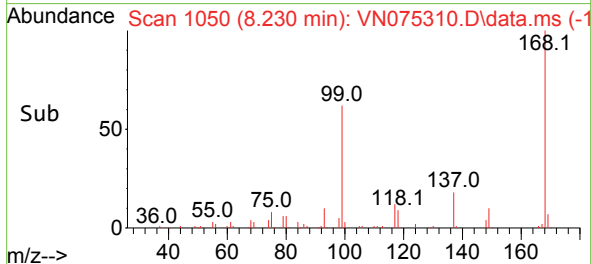
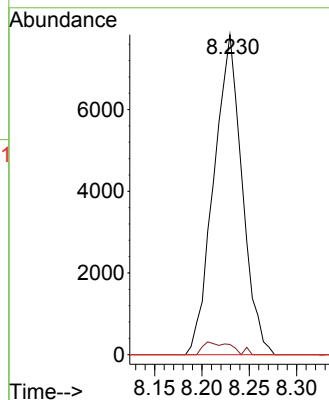
Tgt Ion:117 Resp: 16333

Ion Ratio Lower Upper

117 100

119 3.2 76.7 115.1#

121 0.0 23.9 35.9#



#50

Toluene-d8

Concen: 50.981 ug/l

RT: 10.565 min Scan# 1447

Delta R.T. -0.006 min

Lab File: VN075310.D

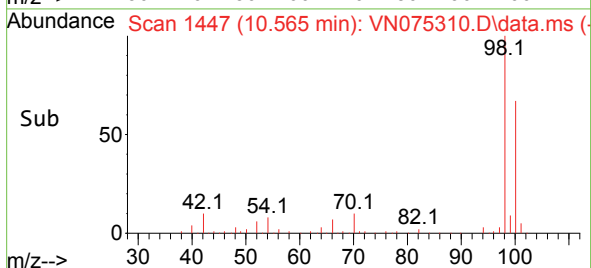
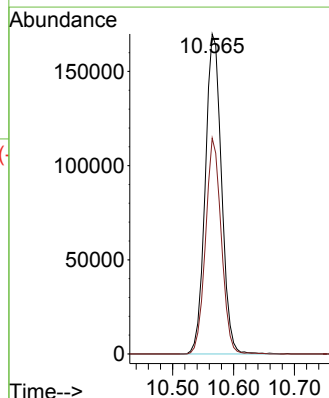
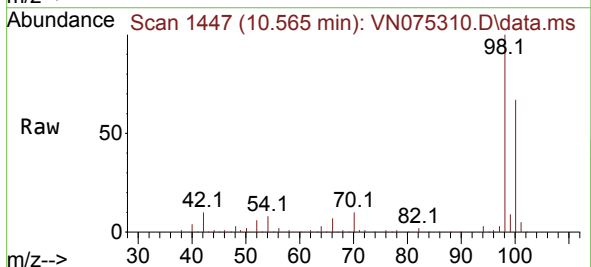
Acq: 18 Nov 2022 14:08

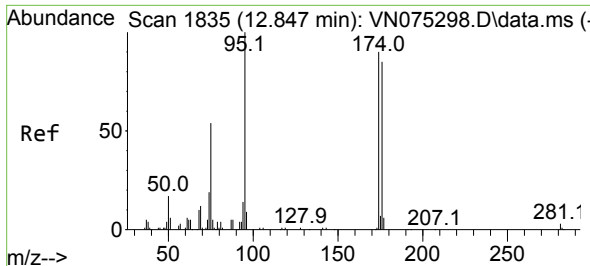
Tgt Ion: 98 Resp: 314808

Ion Ratio Lower Upper

98 100

100 65.3 53.0 79.6

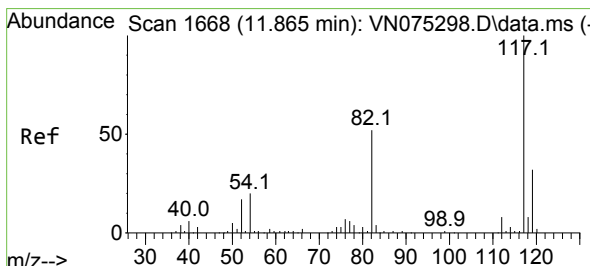
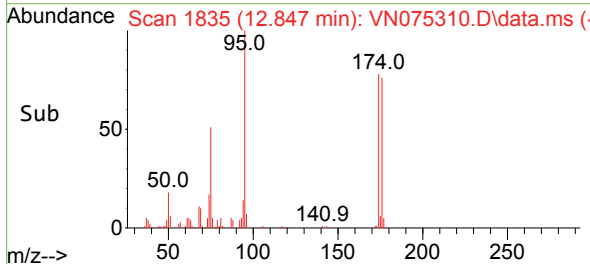
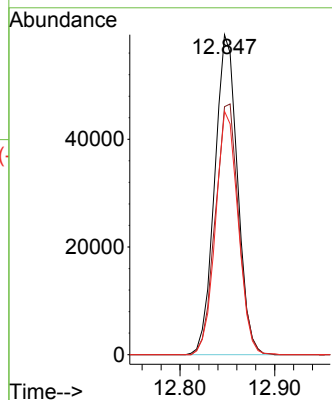
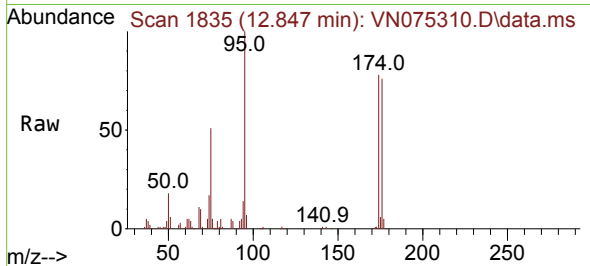




#62
4-Bromofluorobenzene
Concen: 45.817 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075310.D
Acq: 18 Nov 2022 14:08

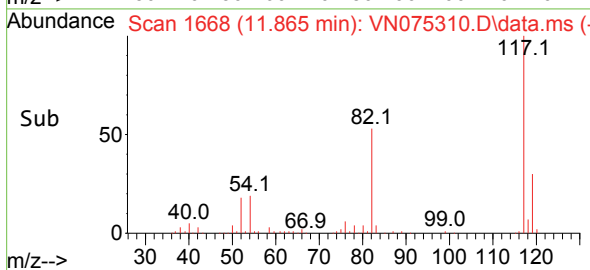
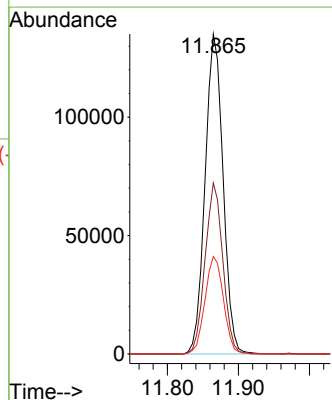
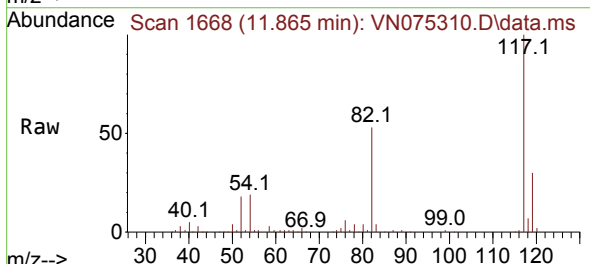
Instrument :
MSVOA_N
ClientSampleId :

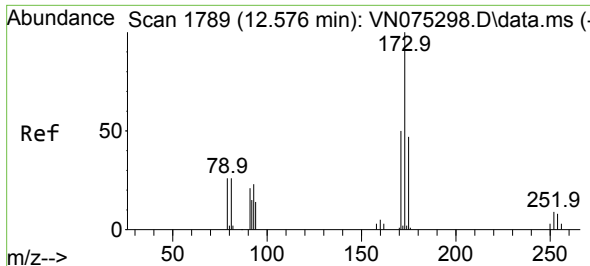
Tgt Ion: 95 Resp: 99384
Ion Ratio Lower Upper
95 100
174 80.2 0.0 147.4
176 75.5 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VN075310.D
Acq: 18 Nov 2022 14:08

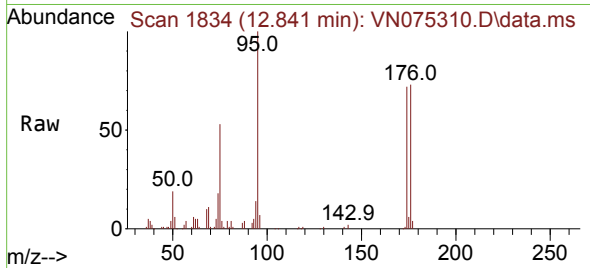
Tgt Ion: 117 Resp: 237951
Ion Ratio Lower Upper
117 100
82 53.5 43.1 64.7
119 30.5 25.5 38.3



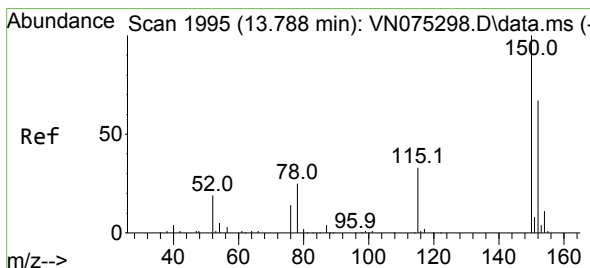
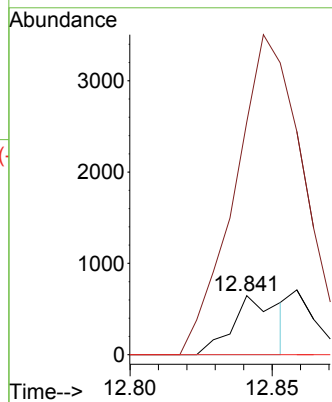
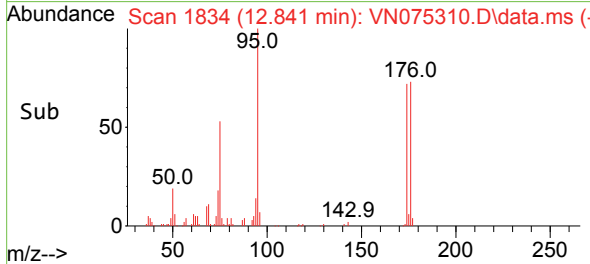


#71
Bromoform
Concen: 0.520 ug/l
RT: 12.841 min Scan# 1834
Delta R.T. 0.259 min
Lab File: VN075310.D
Acq: 18 Nov 2022 14:08

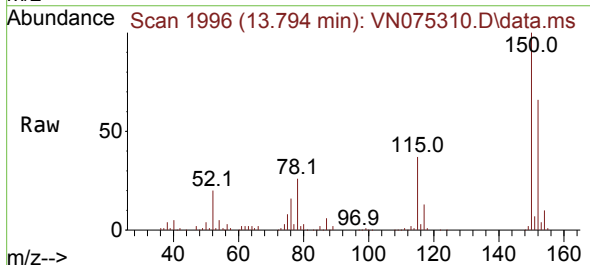
Instrument :
MSVOA_N
ClientSampleId :



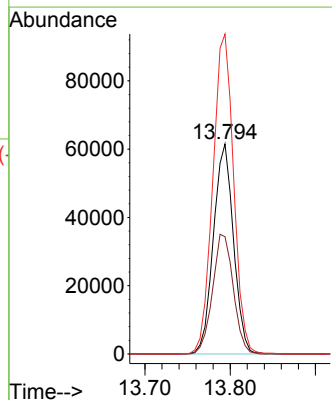
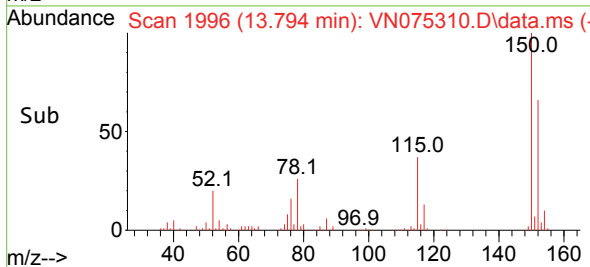
Tgt Ion:173 Resp: 734
Ion Ratio Lower Upper
173 100
175 696.2 24.6 74.0#
254 0.0 0.0 0.0

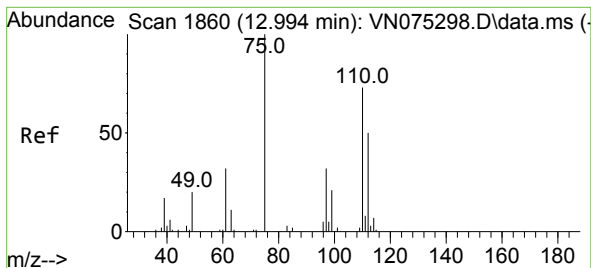


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075310.D
Acq: 18 Nov 2022 14:08



Tgt Ion:152 Resp: 100659
Ion Ratio Lower Upper
152 100
115 58.8 30.2 90.6
150 157.5 0.0 348.4





#76

1,2,3-Trichloropropane

Concen: 24.428 ug/l

RT: 12.847 min Scan# 1835

Delta R.T. -0.147 min

Lab File: VN075310.D

Acq: 18 Nov 2022 14:08

Instrument :

MSVOA_N

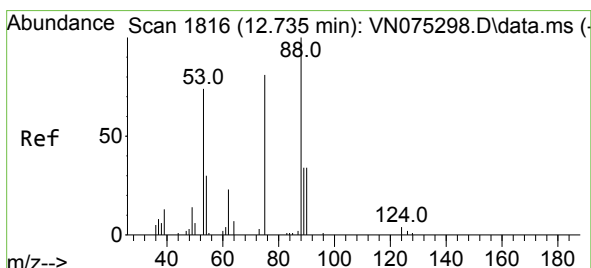
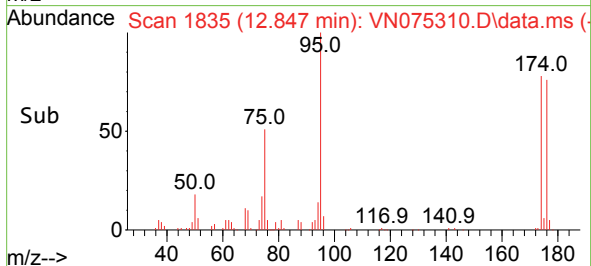
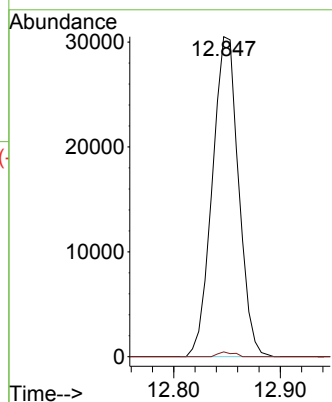
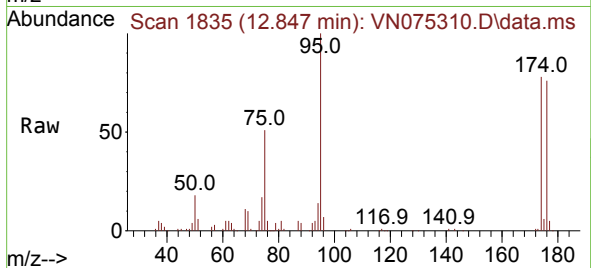
ClientSampleId :

Tgt Ion: 75 Resp: 52210

Ion Ratio Lower Upper

75 100

77 0.9 75.6 226.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 62.708 ug/l

RT: 12.847 min Scan# 1835

Delta R.T. 0.106 min

Lab File: VN075310.D

Acq: 18 Nov 2022 14:08

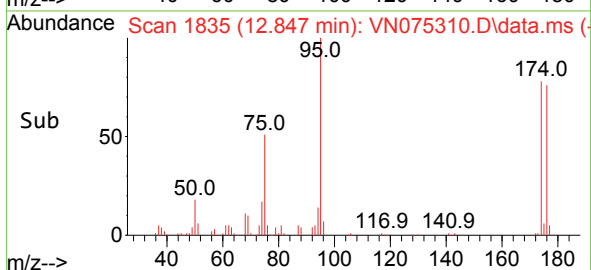
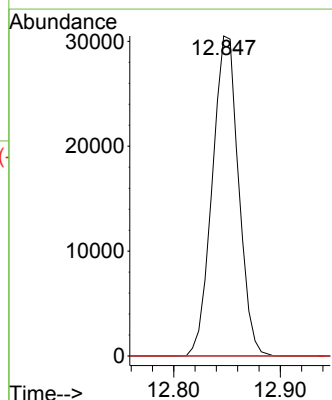
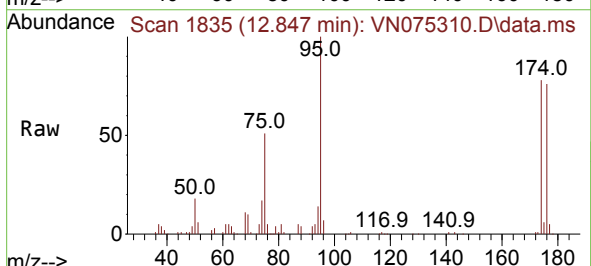
Tgt Ion: 75 Resp: 52210

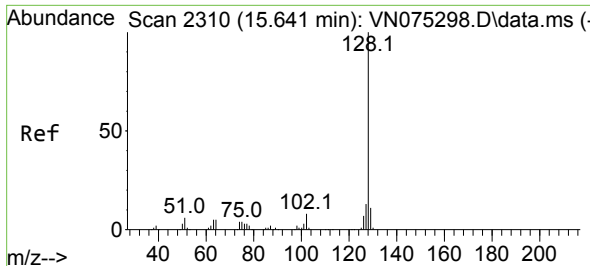
Ion Ratio Lower Upper

75 100

53 0.0 78.5 117.7#

89 0.0 37.7 56.5#

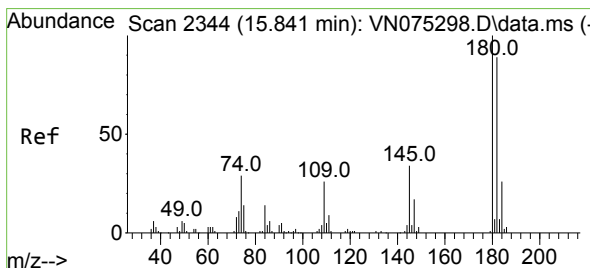
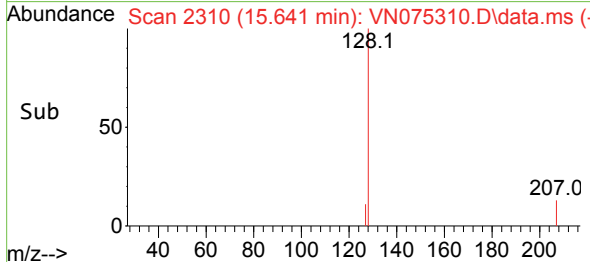
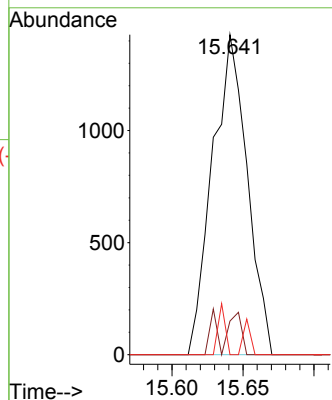
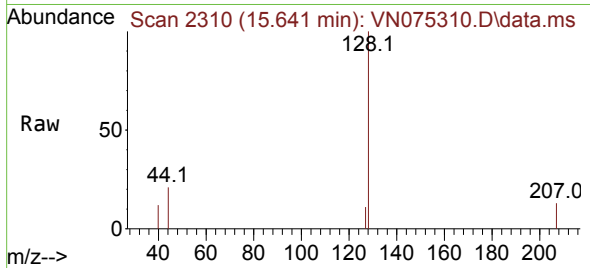




#95
Naphthalene
Concen: 0.423 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075310.D
Acq: 18 Nov 2022 14:08

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 2425
Ion Ratio Lower Upper
128 100
127 4.9 10.4 15.6#
129 2.3 8.6 12.8#



#96
1,2,3-Trichlorobenzene
Concen: 0.306 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075310.D
Acq: 18 Nov 2022 14:08

Tgt Ion:180 Resp: 453
Ion Ratio Lower Upper
180 100
182 122.1 47.3 141.8
145 12.1 17.6 52.9#

