

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111822\
 Data File : VN075313.D
 Acq On : 18 Nov 2022 15:30
 Operator : JC\MD
 Sample : PB149142TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 19 05:07:32 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)

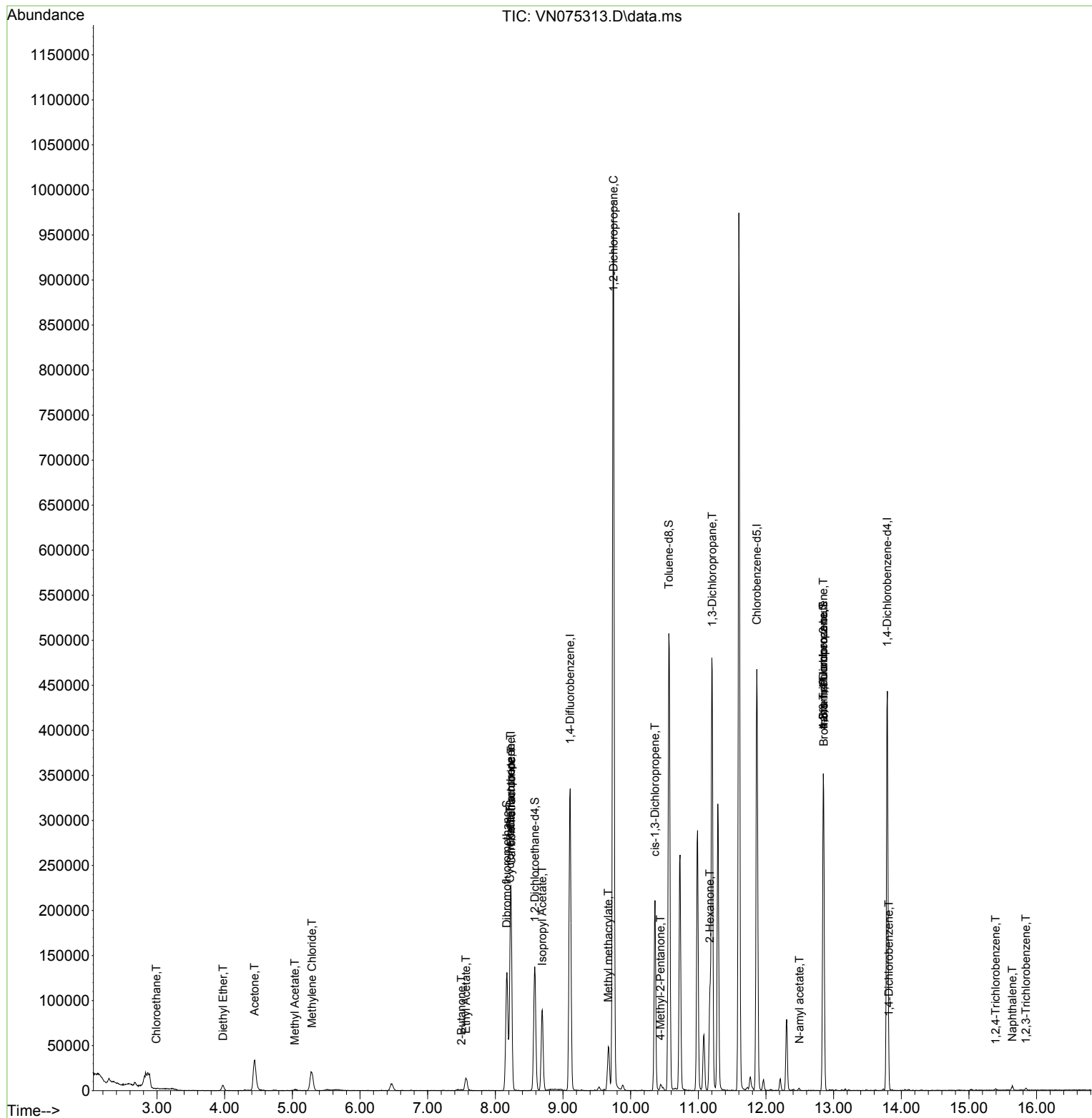
Internal Standards						
1) Pentafluorobenzene	8.229	168	171054	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	306050	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	287986	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	123359	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	111965	48.580	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.160%		
35) Dibromofluoromethane	8.171	113	93690	52.147	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.300%		
50) Toluene-d8	10.565	98	367133	52.669	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	105.340%		
62) 4-Bromofluorobenzene	12.847	95	121840	49.758	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.520%		
Target Compounds						Qvalue
5) Bromomethane	2.930	94	283	Below Cal	#	68
6) Chloroethane	2.989	64	627	0.259	ug/l #	45
8) Diethyl Ether	3.977	74	4062	3.233	ug/l	94
16) Acetone	4.442	43	63648	65.221	ug/l	96
18) Methyl Acetate	5.036	43	1505	0.472	ug/l #	86
20) Methylene Chloride	5.289	84	18242	8.384	ug/l #	86
25) 2-Butanone	7.500	43	1691	1.102	ug/l #	43
31) Cyclohexane	8.218	56	3726	1.087	ug/l #	47
36) 1,1-Dichloropropene	8.224	75	13522	4.861	ug/l #	49
37) Ethyl Acetate	7.565	43	21391	7.012	ug/l	99
38) Carbon Tetrachloride	8.235	117	18032	5.893	ug/l #	14
43) Isopropyl Acetate	8.694	43	95663	20.217	ug/l #	91
45) 1,2-Dichloropropane	9.747	63	1148	0.566	ug/l #	42
48) Methyl methacrylate	9.671	41	2896	1.334	ug/l #	36
51) 4-Methyl-2-Pentanone	10.441	43	4010	1.313	ug/l	93
54) cis-1,3-Dichloropropene	10.359	75	40681	11.883	ug/l #	63
57) 1,3-Dichloropropane	11.206	76	5620	1.495	ug/l #	42
59) 2-Hexanone	11.170	43	86469	37.313	ug/l #	21
71) Bromoform	12.853	173	970	0.568	ug/l #	1
74) N-amyl acetate	12.494	43	1213	0.331	ug/l #	41
76) 1,2,3-Trichloropropane	12.847	75	61159	23.350	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	61159	59.939	ug/l #	10
88) 1,4-Dichlorobenzene	13.817	146	1111	0.263	ug/l #	25
93) 1,2,4-Trichlorobenzene	15.394	180	962	0.527	ug/l #	80
95) Naphthalene	15.641	128	5433	0.773	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.841	180	1069	0.589	ug/l	93

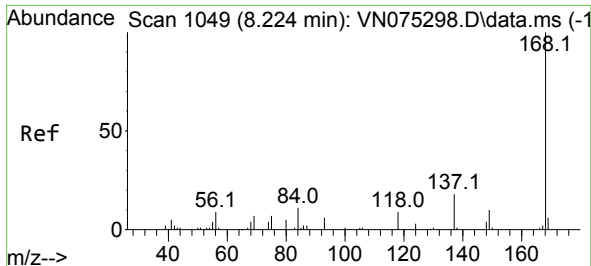
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111822\
Data File : VN075313.D
Acq On : 18 Nov 2022 15:30
Operator : JC\MD
Sample : PB149142TB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

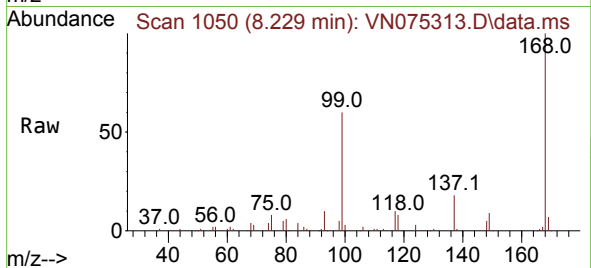
Quant Time: Nov 19 05:07:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 09:48:49 2022
Response via : Initial Calibration



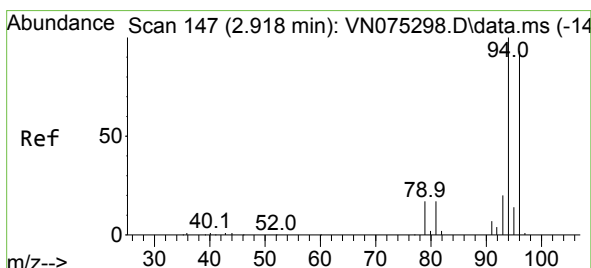
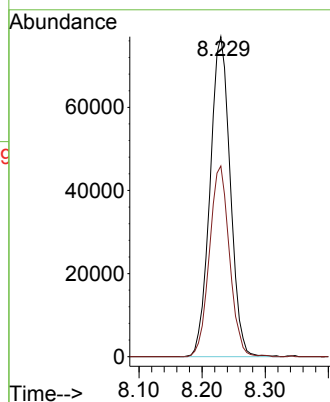
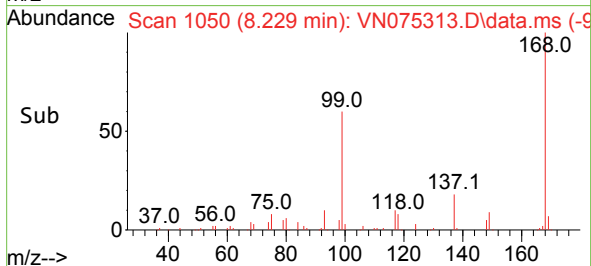


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1049
Delta R.T. -0.001 min
Lab File: VN075313.D
Acq: 18 Nov 2022 15:30

Instrument :
MSVOA_N
ClientSampleId :

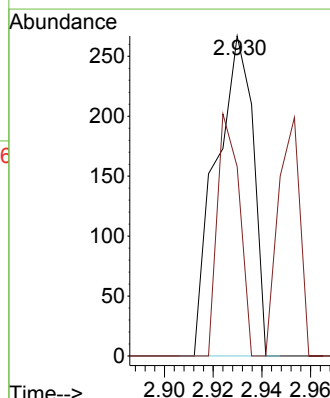
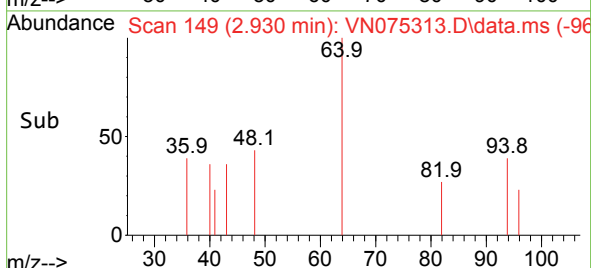
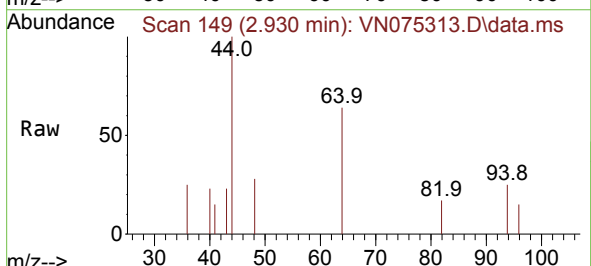


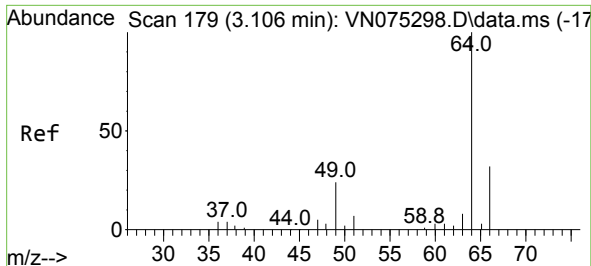
Tgt Ion:168 Resp: 171054
Ion Ratio Lower Upper
168 100
99 59.6 51.6 77.4



#5
Bromomethane
Concen: Below Cal
RT: 2.930 min Scan# 149
Delta R.T. 0.012 min
Lab File: VN075313.D
Acq: 18 Nov 2022 15:30

Tgt Ion: 94 Resp: 283
Ion Ratio Lower Upper
94 100
96 59.2 71.8 107.6#

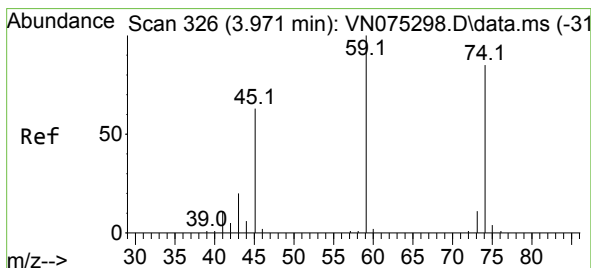
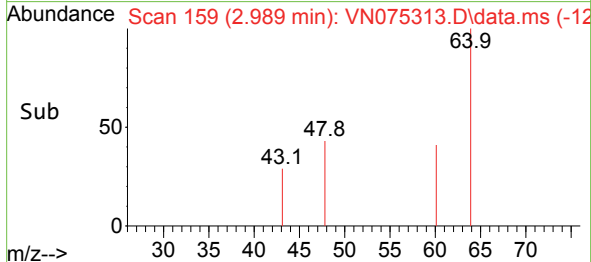
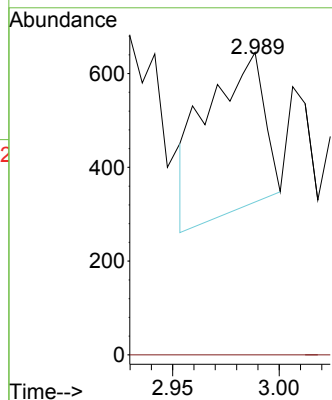
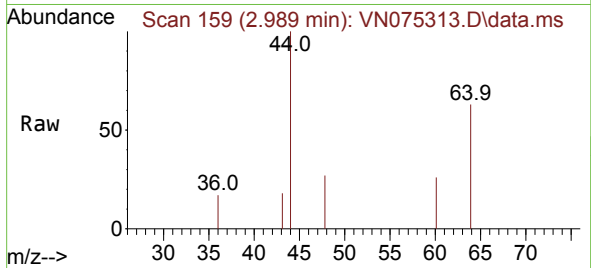




#6
Chloroethane
Concen: 0.259 ug/l
RT: 2.989 min Scan# 11
Delta R.T. -0.106 min
Lab File: VN075313.D
Acq: 18 Nov 2022 15:30

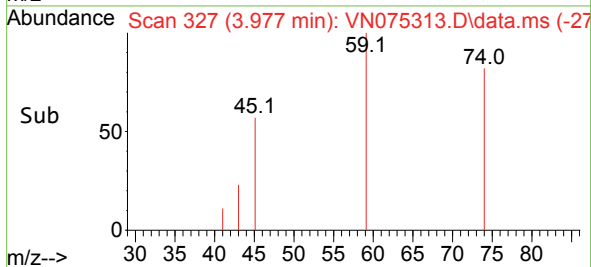
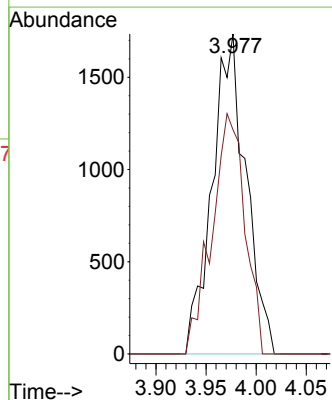
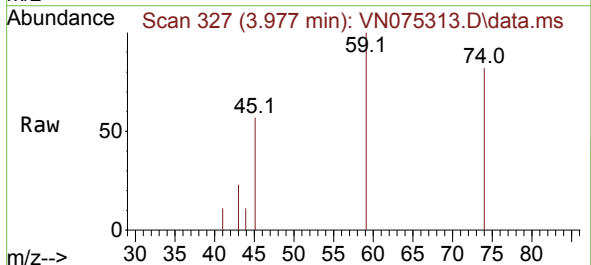
Instrument :
MSVOA_N
ClientSampleId :

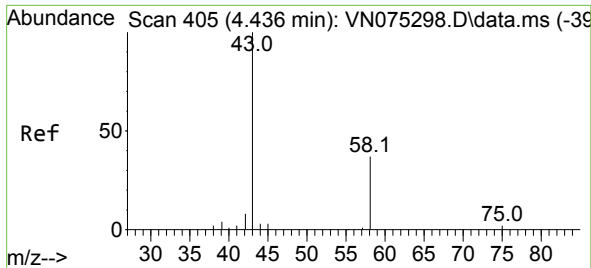
Tgt Ion: 64 Resp: 627
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#



#8
Diethyl Ether
Concen: 3.233 ug/l
RT: 3.977 min Scan# 327
Delta R.T. 0.006 min
Lab File: VN075313.D
Acq: 18 Nov 2022 15:30

Tgt Ion: 74 Resp: 4062
Ion Ratio Lower Upper
74 100
45 73.6 39.3 117.9

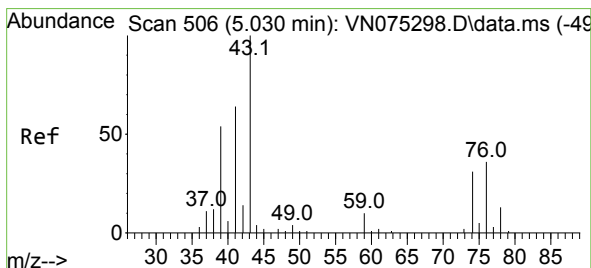
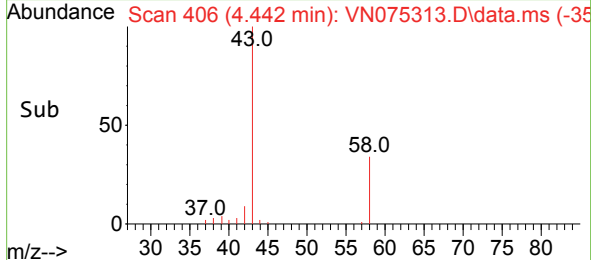
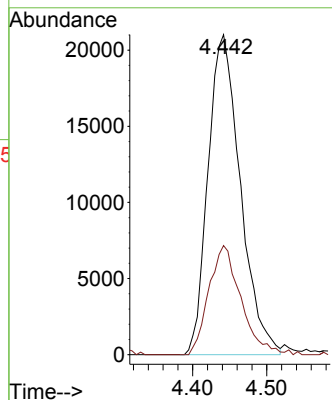
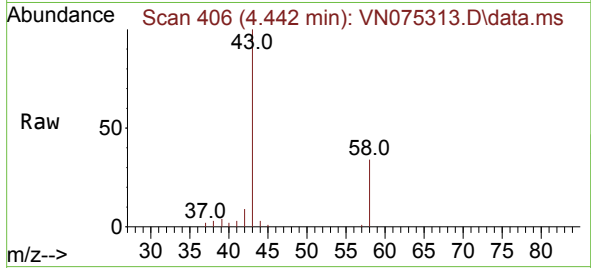




#16
Acetone
Concen: 65.221 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN075313.D
Acq: 18 Nov 2022 15:30

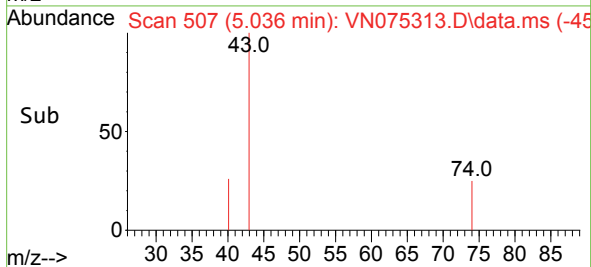
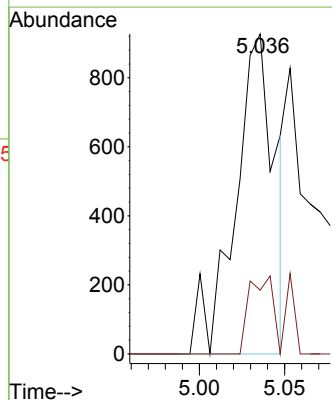
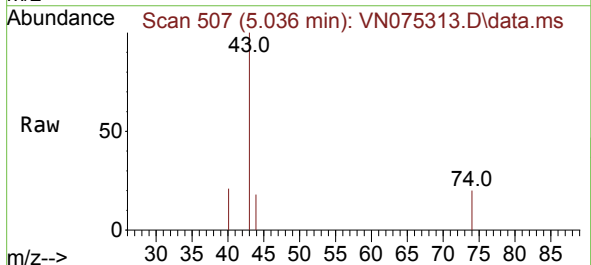
Instrument :
MSVOA_N
ClientSampleId :

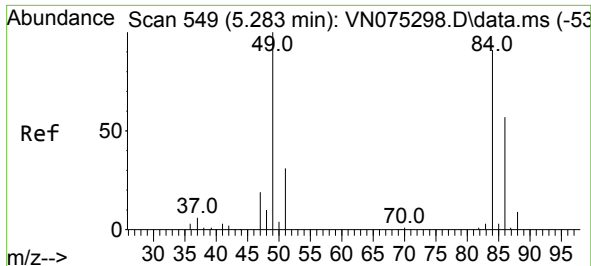
Tgt Ion: 43 Resp: 63648
Ion Ratio Lower Upper
43 100
58 34.1 25.5 38.3



#18
Methyl Acetate
Concen: 0.472 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.006 min
Lab File: VN075313.D
Acq: 18 Nov 2022 15:30

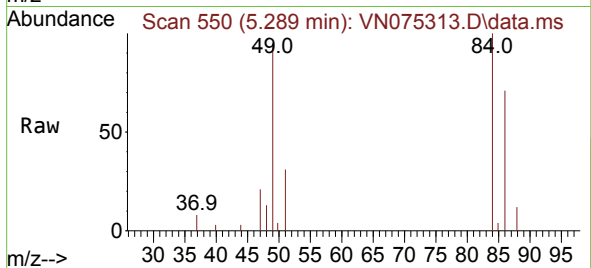
Tgt Ion: 43 Resp: 1505
Ion Ratio Lower Upper
43 100
74 20.1 22.0 33.0#





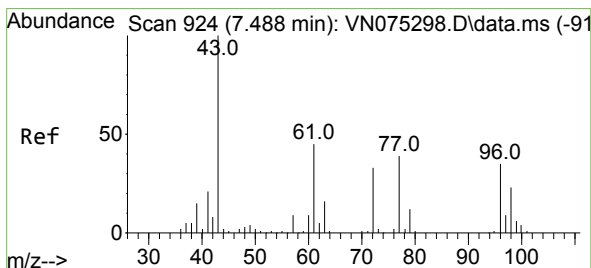
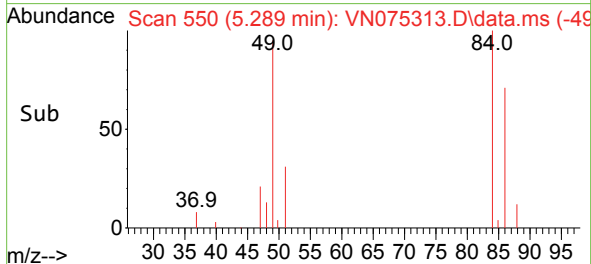
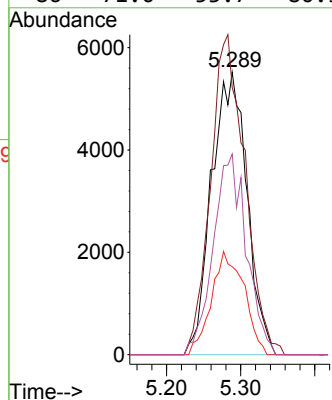
#20
Methylene Chloride
Concen: 8.384 ug/l
RT: 5.289 min Scan# 511
Delta R.T. 0.006 min
Lab File: VN075313.D
Acq: 18 Nov 2022 15:30

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 18242

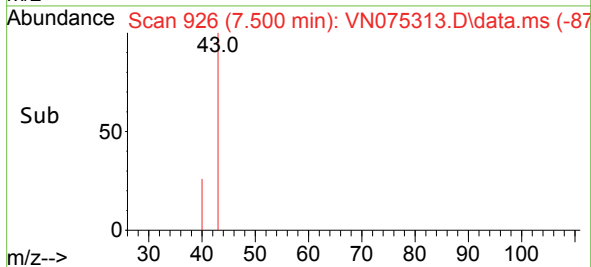
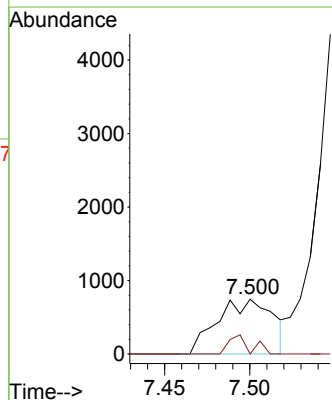
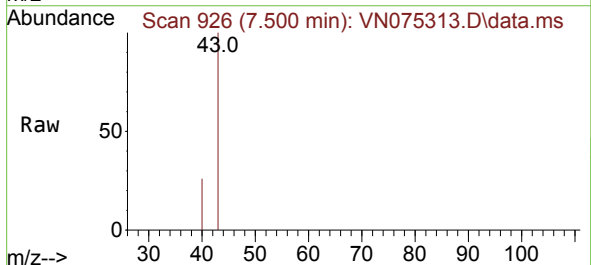
Ion	Ratio	Lower	Upper
84	100		
49	94.6	94.9	142.3#
51	31.1	26.8	40.2
86	71.0	53.7	80.5

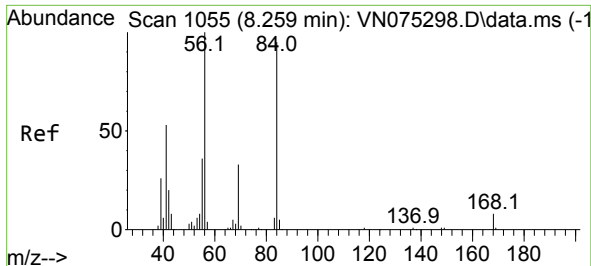


#25
2-Butanone
Concen: 1.102 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.006 min
Lab File: VN075313.D
Acq: 18 Nov 2022 15:30

Tgt Ion: 43 Resp: 1691

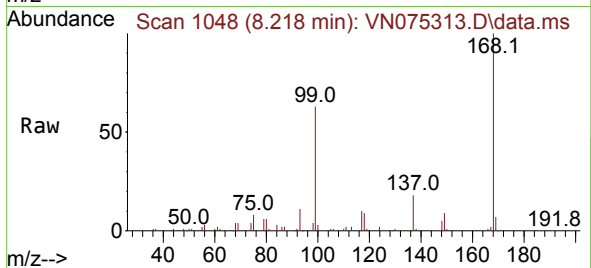
Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.5	38.3#



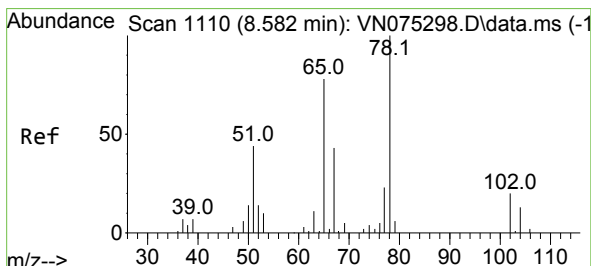
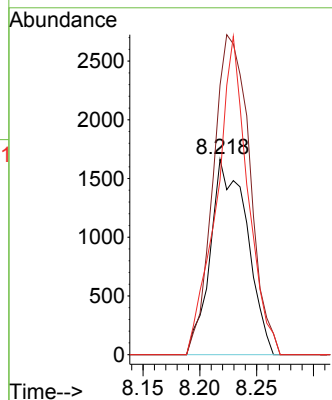
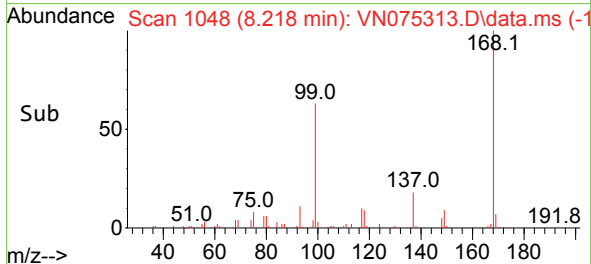


#31
Cyclohexane
Concen: 1.087 ug/l
RT: 8.218 min Scan# 1048
Delta R.T. -0.041 min
Lab File: VN075313.D
Acq: 18 Nov 2022 15:30

Instrument :
MSVOA_N
ClientSampleId :

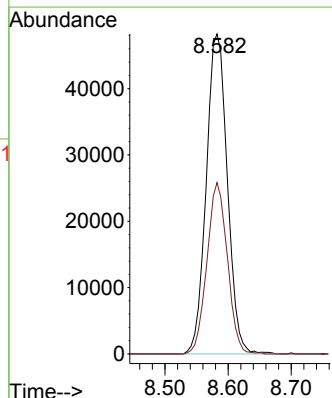
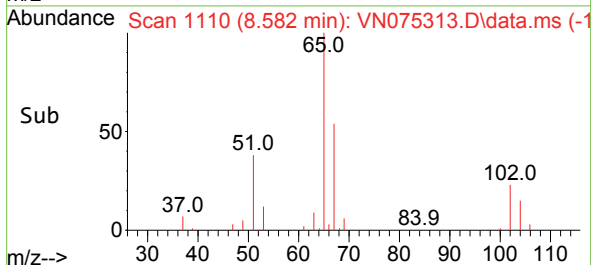
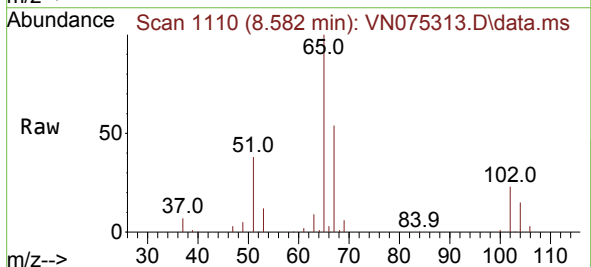


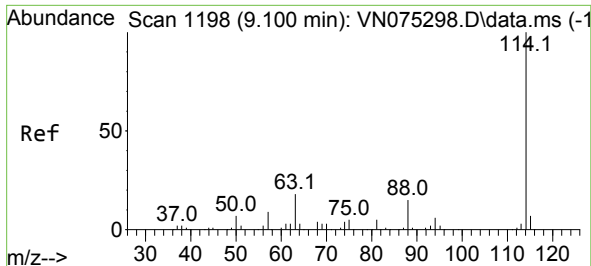
Tgt Ion: 56 Resp: 3726
Ion Ratio Lower Upper
56 100
69 137.9 25.2 37.8#
84 89.4 77.8 116.8



#33
1,2-Dichloroethane-d4
Concen: 48.580 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VN075313.D
Acq: 18 Nov 2022 15:30

Tgt Ion: 65 Resp: 111965
Ion Ratio Lower Upper
65 100
67 51.8 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1198

Delta R.T. -0.000 min

Lab File: VN075313.D

Acq: 18 Nov 2022 15:30

Instrument :

MSVOA_N

ClientSampleId :

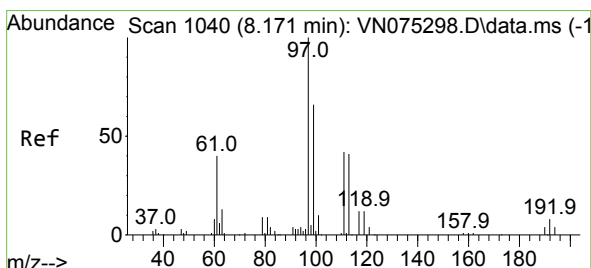
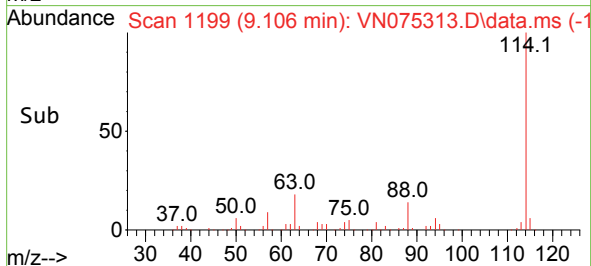
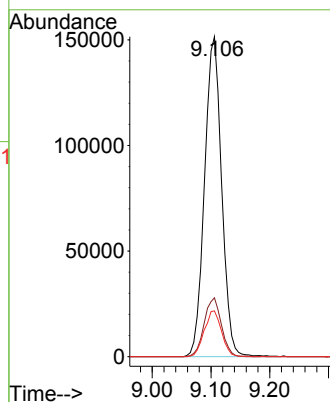
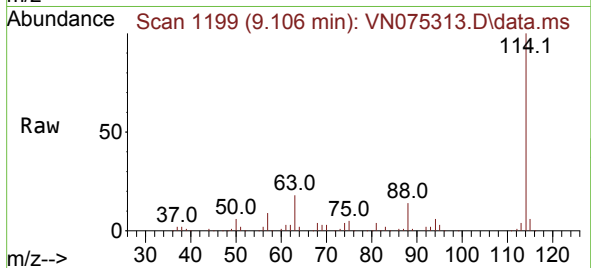
Tgt Ion:114 Resp: 306050

Ion Ratio Lower Upper

114 100

63 18.4 0.0 39.6

88 14.3 0.0 29.0



#35

Dibromofluoromethane

Concen: 52.147 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075313.D

Acq: 18 Nov 2022 15:30

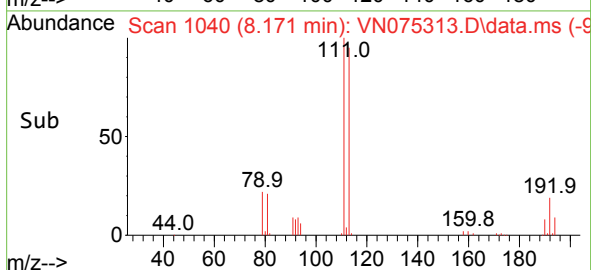
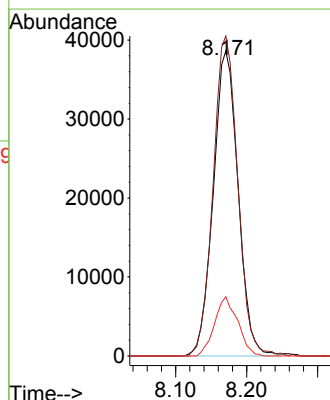
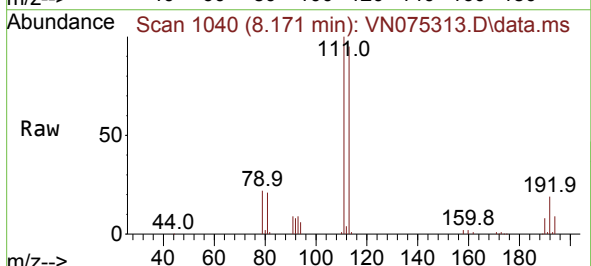
Tgt Ion:113 Resp: 93690

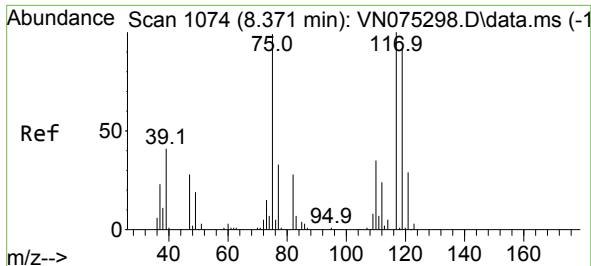
Ion Ratio Lower Upper

113 100

111 103.9 80.5 120.7

192 18.1 13.2 19.8





#36

1,1-Dichloropropene

Concen: 4.861 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.153 min

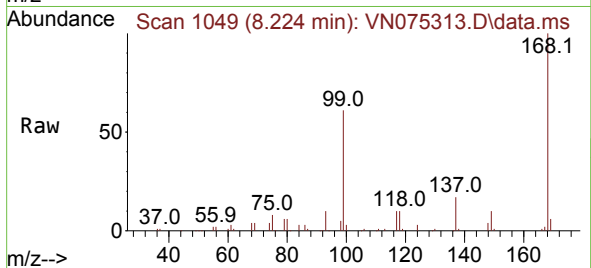
Lab File: VN075313.D

Acq: 18 Nov 2022 15:30

Instrument :

MSVOA_N

ClientSampleId :



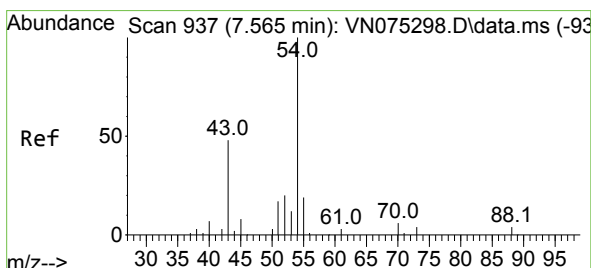
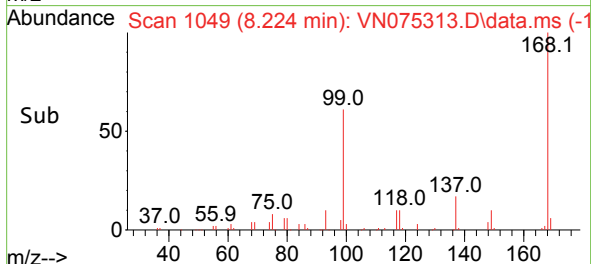
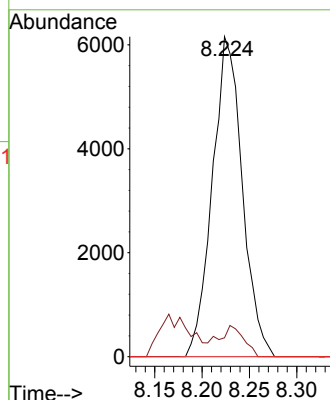
Tgt Ion: 75 Resp: 13522

Ion Ratio Lower Upper

75 100

110 8.0 17.8 53.3#

77 0.0 24.6 37.0#



#37

Ethyl Acetate

Concen: 7.012 ug/l

RT: 7.565 min Scan# 937

Delta R.T. -0.006 min

Lab File: VN075313.D

Acq: 18 Nov 2022 15:30

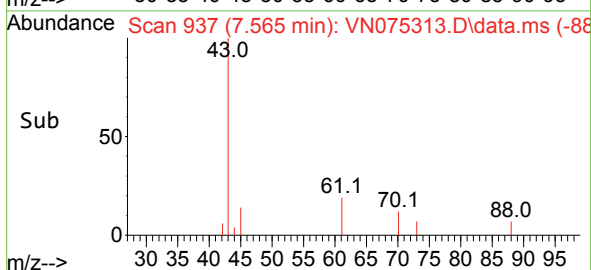
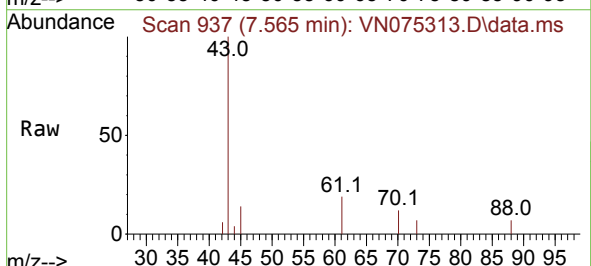
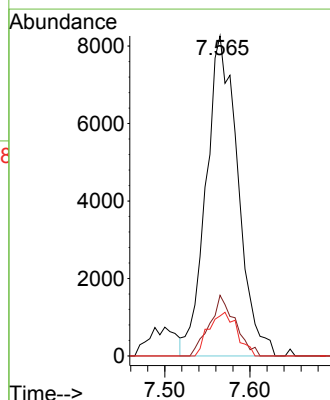
Tgt Ion: 43 Resp: 21391

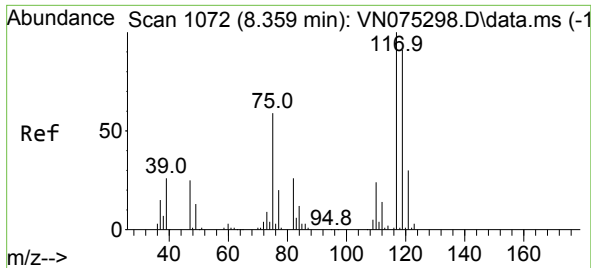
Ion Ratio Lower Upper

43 100

61 15.5 12.2 18.4

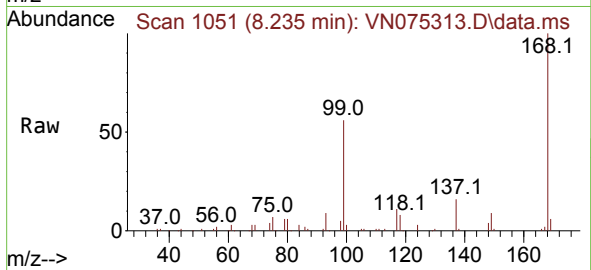
70 12.1 9.4 14.2



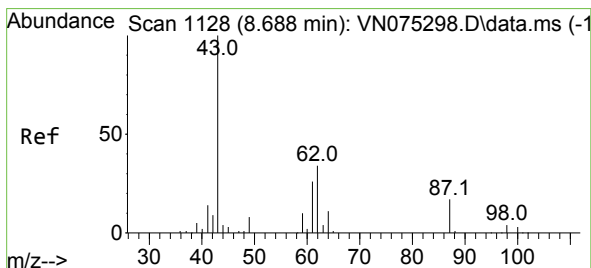
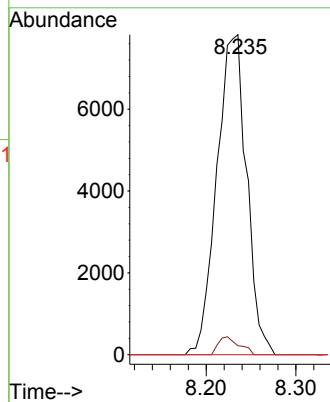
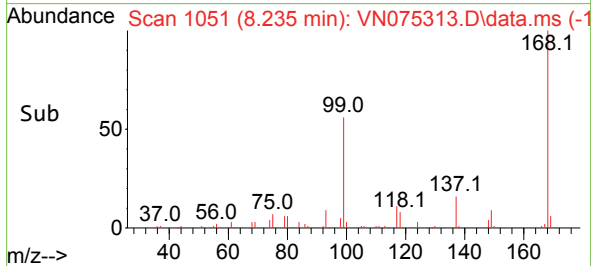


#38
Carbon Tetrachloride
Concen: 5.893 ug/l
RT: 8.235 min Scan# 1107
Delta R.T. -0.136 min
Lab File: VN075313.D
Acq: 18 Nov 2022 15:30

Instrument :
MSVOA_N
ClientSampleId :

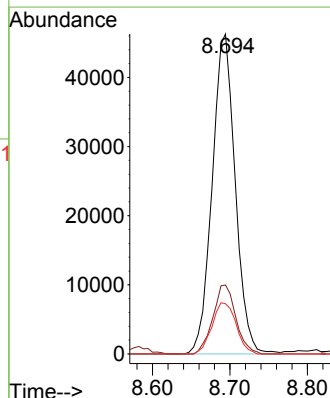
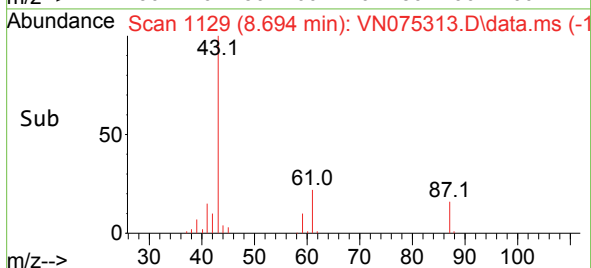
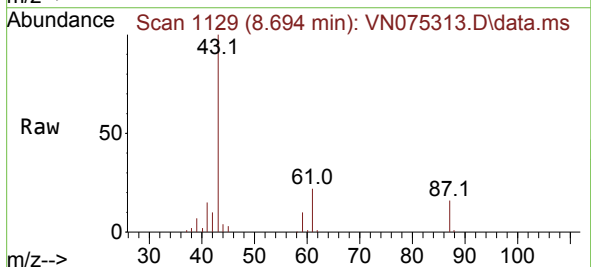


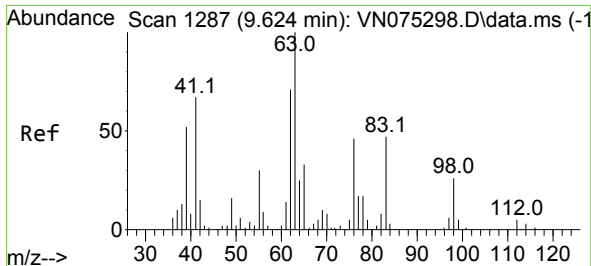
Tgt Ion:117 Resp: 18032
Ion Ratio Lower Upper
117 100
119 2.8 76.7 115.1#
121 0.0 23.9 35.9#



#43
Isopropyl Acetate
Concen: 20.217 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075313.D
Acq: 18 Nov 2022 15:30

Tgt Ion: 43 Resp: 95663
Ion Ratio Lower Upper
43 100
61 21.4 22.4 33.6#
87 16.7 12.5 18.7





#45

1,2-Dichloropropane

Concen: 0.566 ug/l

RT: 9.747 min Scan# 1148

Delta R.T. 0.123 min

Lab File: VN075313.D

Acq: 18 Nov 2022 15:30

Instrument :

MSVOA_N

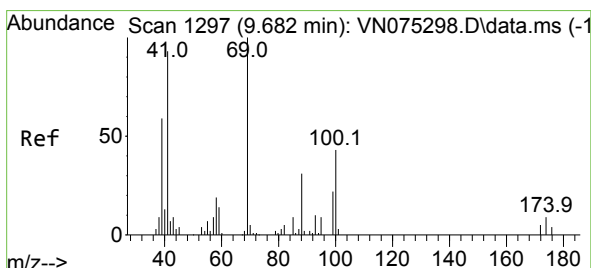
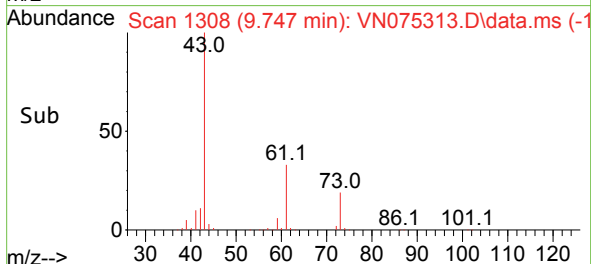
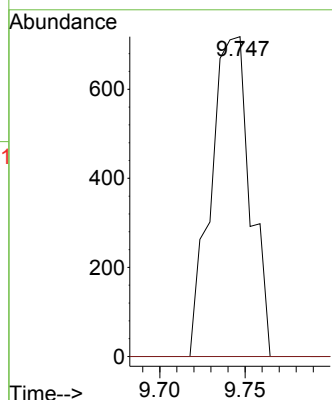
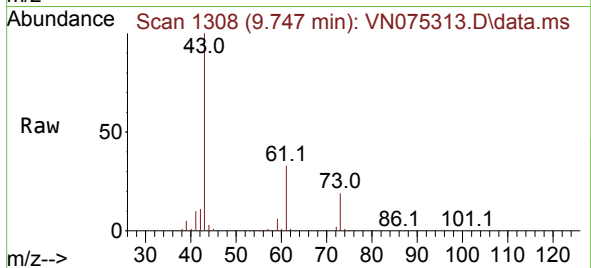
ClientSampleId :

Tgt Ion: 63 Resp: 1148

Ion Ratio Lower Upper

63 100

65 0.0 26.1 39.1#



#48

Methyl methacrylate

Concen: 1.334 ug/l

RT: 9.671 min Scan# 1295

Delta R.T. -0.011 min

Lab File: VN075313.D

Acq: 18 Nov 2022 15:30

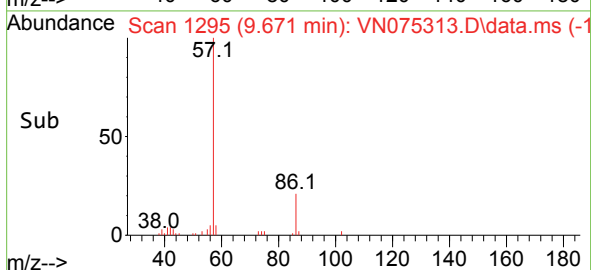
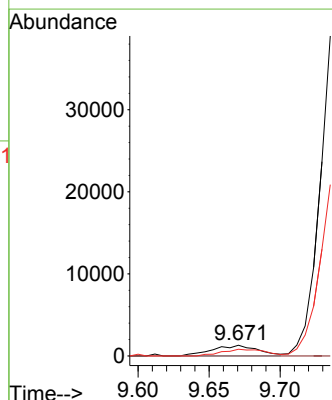
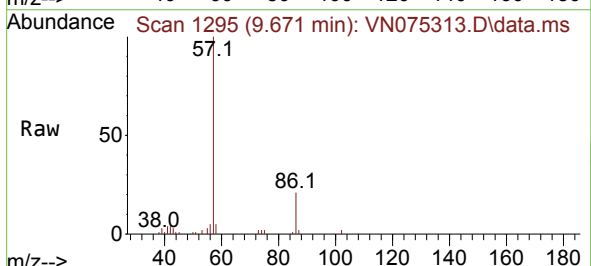
Tgt Ion: 41 Resp: 2896

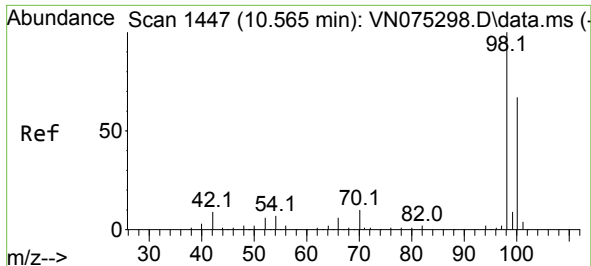
Ion Ratio Lower Upper

41 100

69 0.0 80.2 120.2#

39 59.6 56.2 84.2





#50

Toluene-d8

Concen: 52.669 ug/l

RT: 10.565 min Scan# 1447

Delta R.T. -0.006 min

Lab File: VN075313.D

Acq: 18 Nov 2022 15:30

Instrument :

MSVOA_N

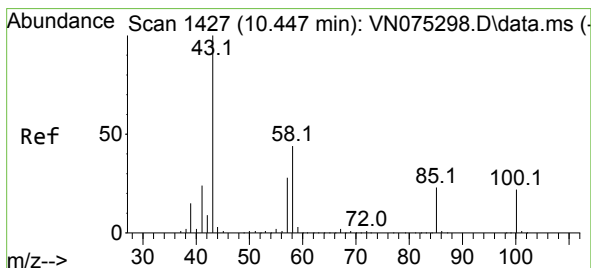
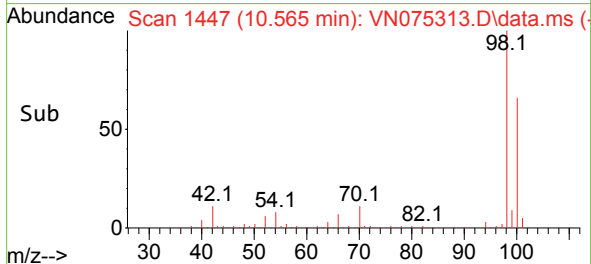
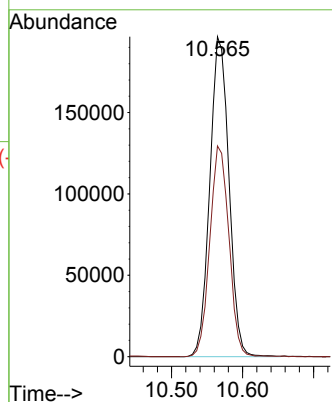
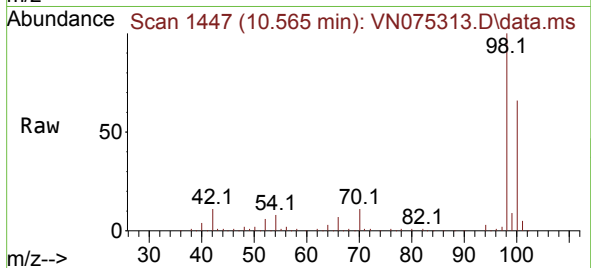
ClientSampleId :

Tgt Ion: 98 Resp: 367133

Ion Ratio Lower Upper

98 100

100 65.9 53.0 79.6



#51

4-Methyl-2-Pentanone

Concen: 1.313 ug/l

RT: 10.441 min Scan# 1426

Delta R.T. -0.006 min

Lab File: VN075313.D

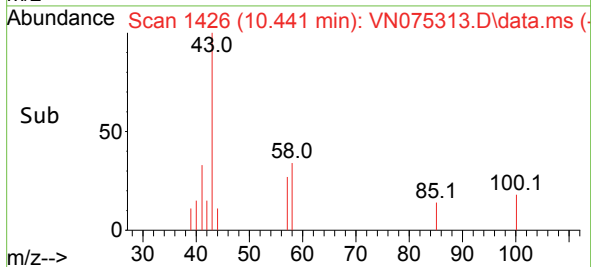
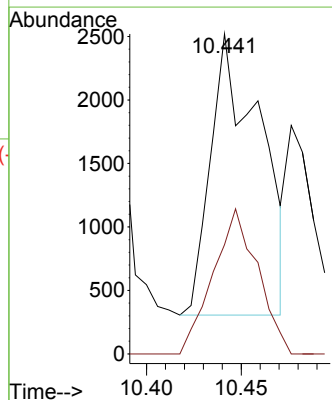
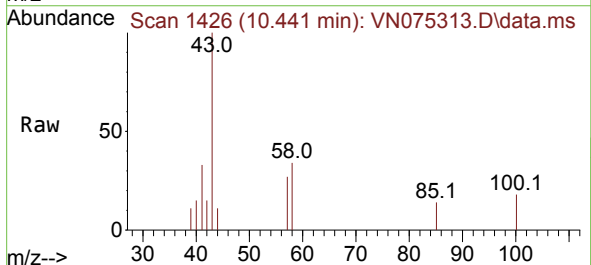
Acq: 18 Nov 2022 15:30

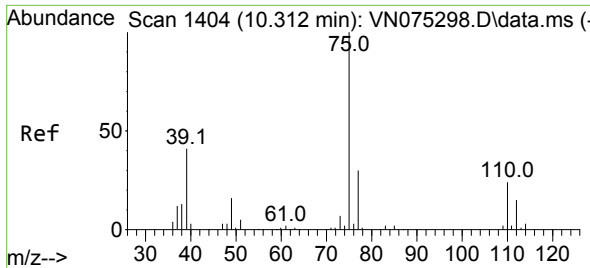
Tgt Ion: 43 Resp: 4010

Ion Ratio Lower Upper

43 100

58 46.6 33.6 50.4

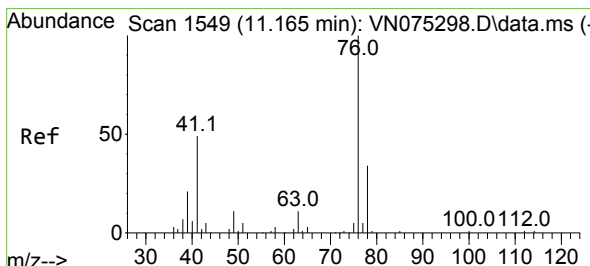
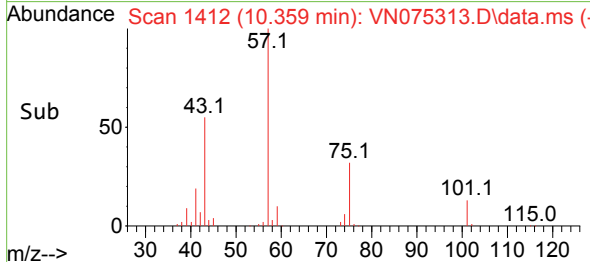
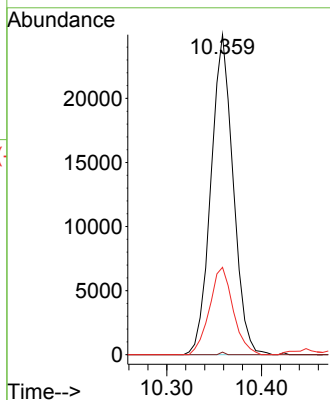
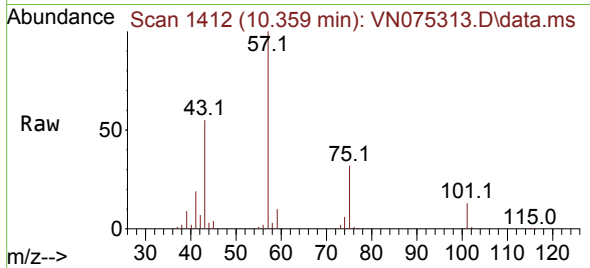




#54
 cis-1,3-Dichloropropene
 Concen: 11.883 ug/l
 RT: 10.359 min Scan# 14
 Delta R.T. 0.041 min
 Lab File: VN075313.D
 Acq: 18 Nov 2022 15:30

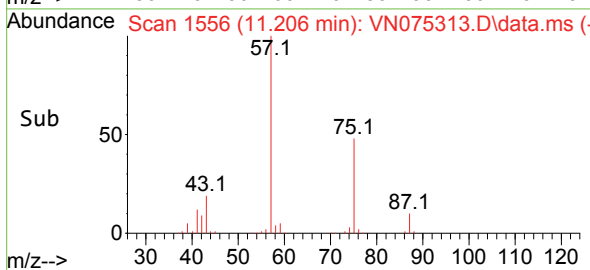
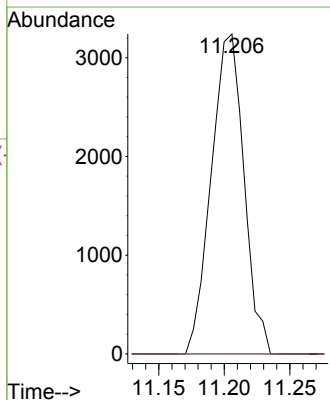
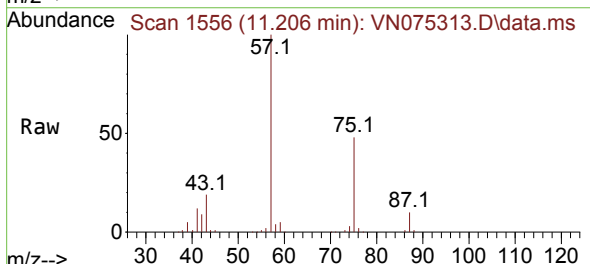
Instrument :
 MSVOA_N
 ClientSampleId :

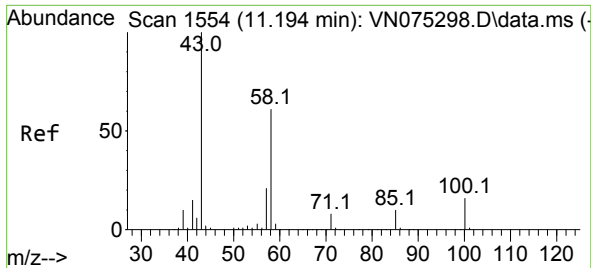
Tgt Ion: 75 Resp: 40681
 Ion Ratio Lower Upper
 75 100
 77 0.8 23.7 35.5#
 39 27.3 35.8 53.6#



#57
 1,3-Dichloropropane
 Concen: 1.495 ug/l
 RT: 11.206 min Scan# 1556
 Delta R.T. 0.041 min
 Lab File: VN075313.D
 Acq: 18 Nov 2022 15:30

Tgt Ion: 76 Resp: 5620
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.8 38.6#

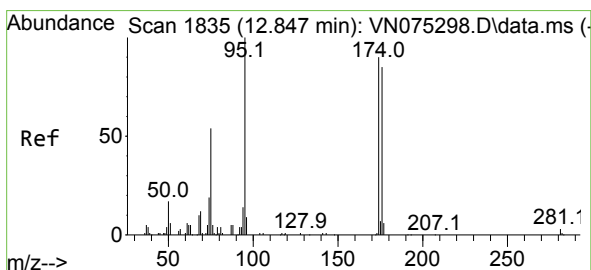
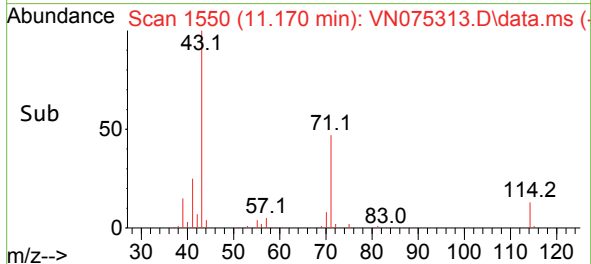
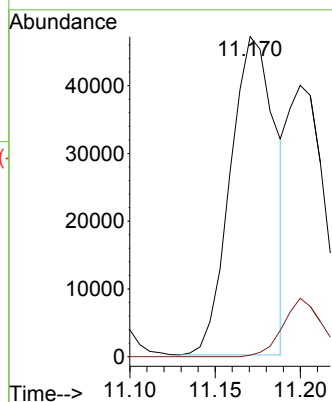
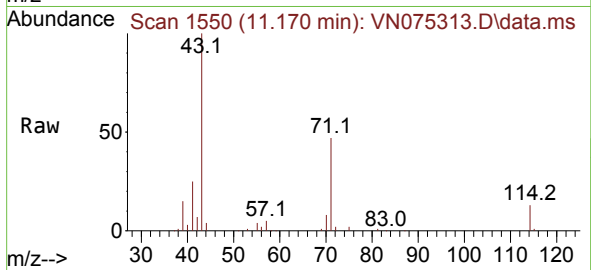




#59
2-Hexanone
Concen: 37.313 ug/l
RT: 11.170 min Scan# 11550
Delta R.T. -0.030 min
Lab File: VN075313.D
Acq: 18 Nov 2022 15:30

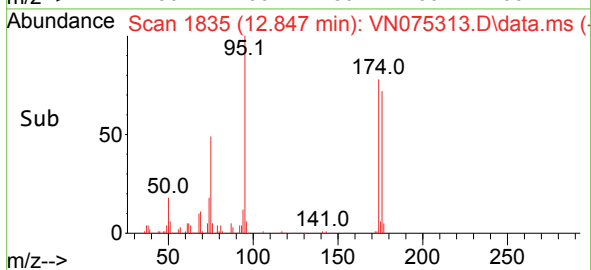
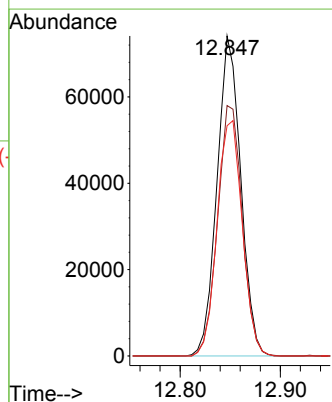
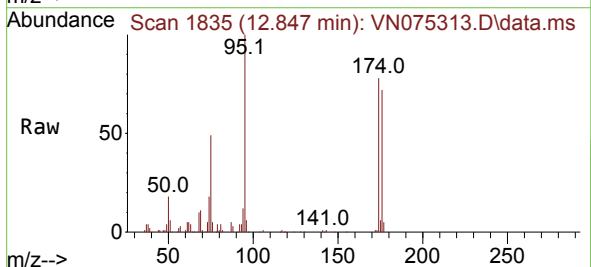
Instrument :
MSVOA_N
ClientSampleId :

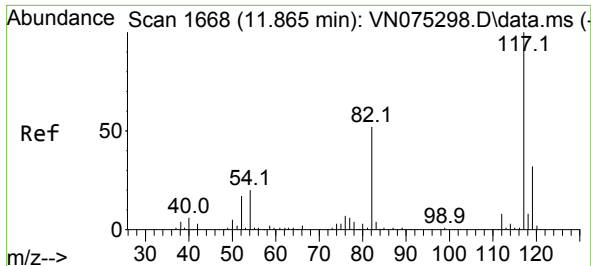
Tgt Ion: 43 Resp: 86469
Ion Ratio Lower Upper
43 100
58 0.0 29.6 88.8#



#62
4-Bromofluorobenzene
Concen: 49.758 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075313.D
Acq: 18 Nov 2022 15:30

Tgt Ion: 95 Resp: 121840
Ion Ratio Lower Upper
95 100
174 80.8 0.0 147.4
176 78.2 0.0 142.2

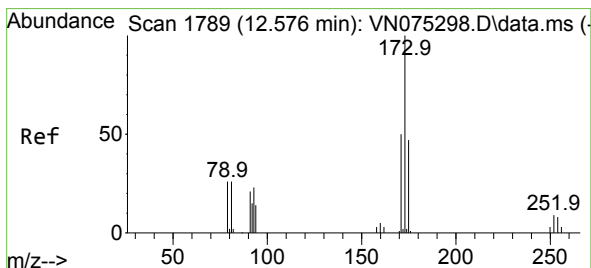
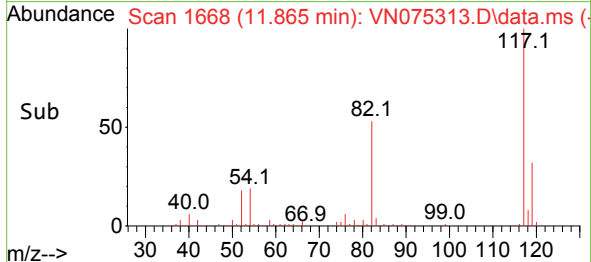
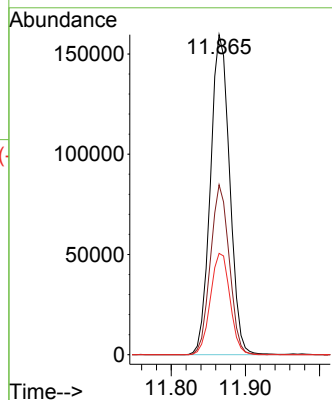
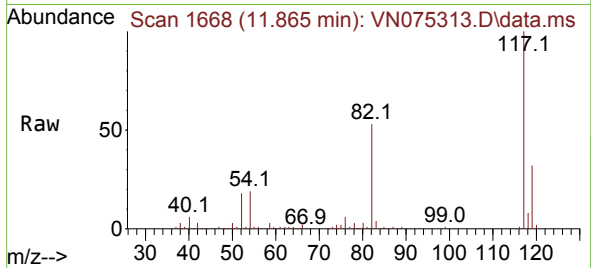




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN075313.D
Acq: 18 Nov 2022 15:30

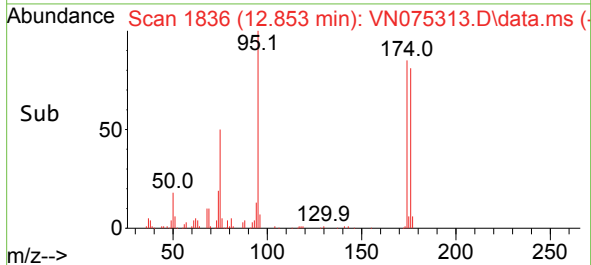
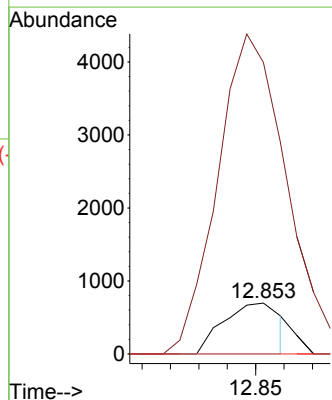
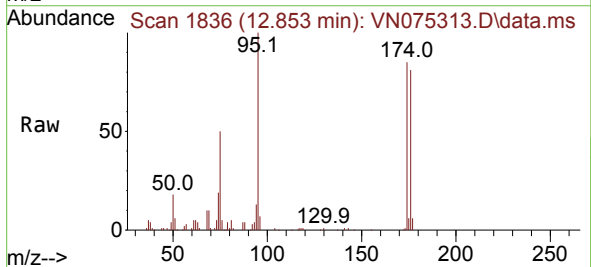
Instrument :
MSVOA_N
ClientSampleId :

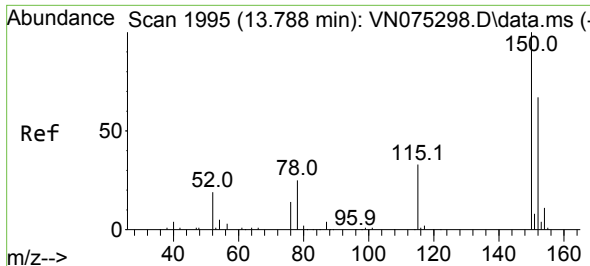
Tgt Ion:117 Resp: 287986
Ion Ratio Lower Upper
117 100
82 53.1 43.1 64.7
119 31.7 25.5 38.3



#71
Bromoform
Concen: 0.568 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN075313.D
Acq: 18 Nov 2022 15:30

Tgt Ion:173 Resp: 970
Ion Ratio Lower Upper
173 100
175 655.7 24.6 74.0#
254 0.0 0.0 0.0

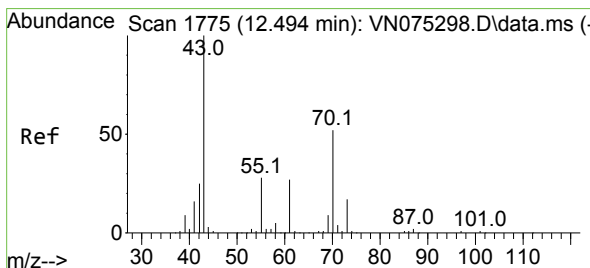
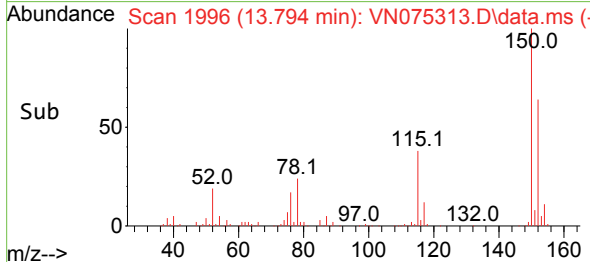
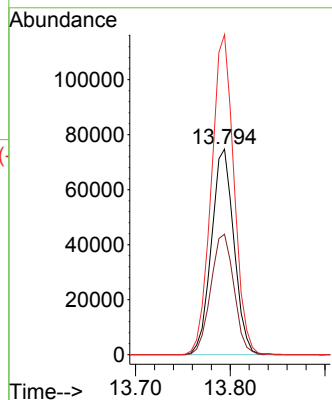
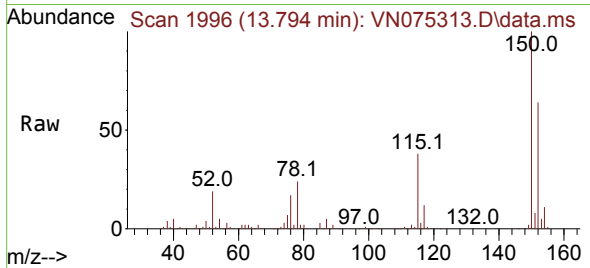




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1995
Delta R.T. -0.000 min
Lab File: VN075313.D
Acq: 18 Nov 2022 15:30

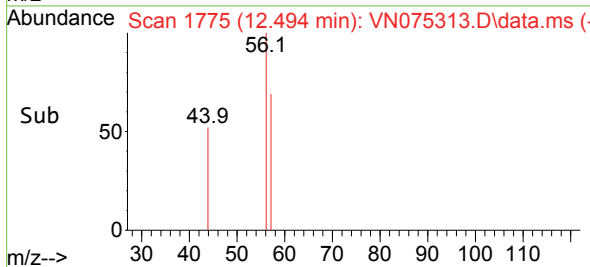
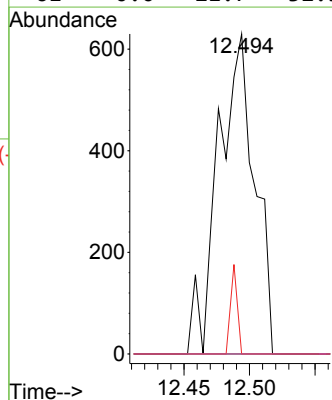
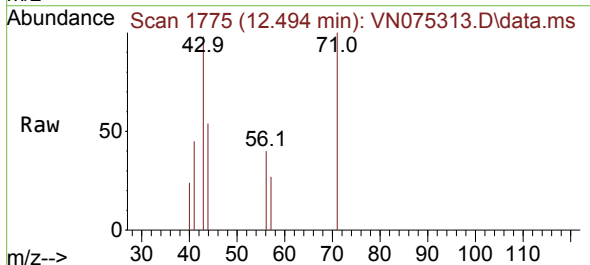
Instrument :
MSVOA_N
ClientSampleId :

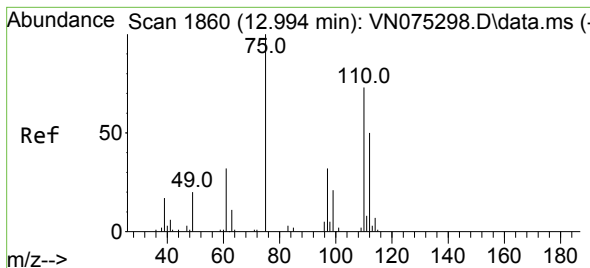
Tgt Ion:152 Resp: 123359
Ion Ratio Lower Upper
152 100
115 60.3 30.2 90.6
150 156.3 0.0 348.4



#74
N-ethyl acetate
Concen: 0.331 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN075313.D
Acq: 18 Nov 2022 15:30

Tgt Ion: 43 Resp: 1213
Ion Ratio Lower Upper
43 100
70 0.0 39.8 59.8#
55 5.1 19.9 29.9#
61 0.0 21.7 32.5#





#76

1,2,3-Trichloropropane

Concen: 23.350 ug/l

RT: 12.847 min Scan# 1835

Delta R.T. -0.147 min

Lab File: VN075313.D

Acq: 18 Nov 2022 15:30

Instrument :

MSVOA_N

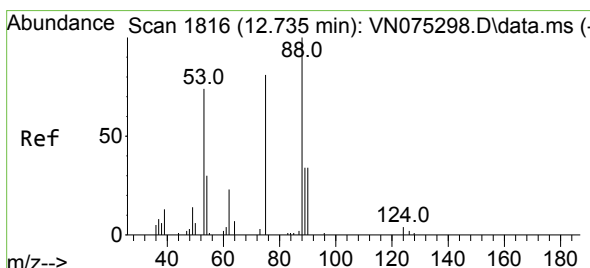
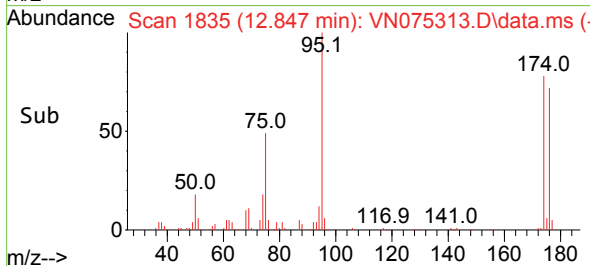
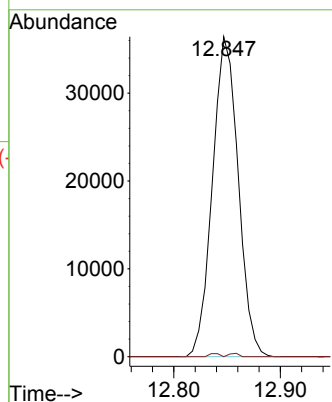
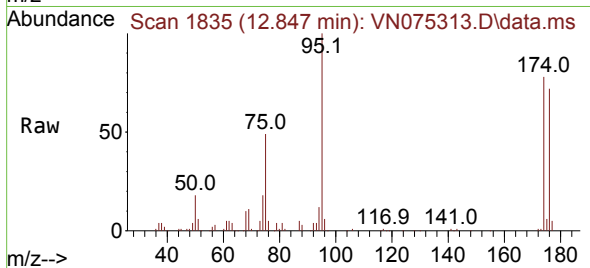
ClientSampleId :

Tgt Ion: 75 Resp: 61159

Ion Ratio Lower Upper

75 100

77 0.4 75.6 226.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 59.939 ug/l

RT: 12.847 min Scan# 1835

Delta R.T. 0.106 min

Lab File: VN075313.D

Acq: 18 Nov 2022 15:30

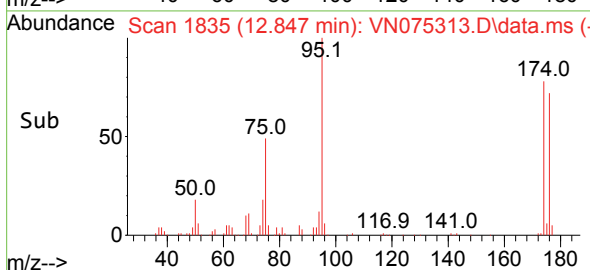
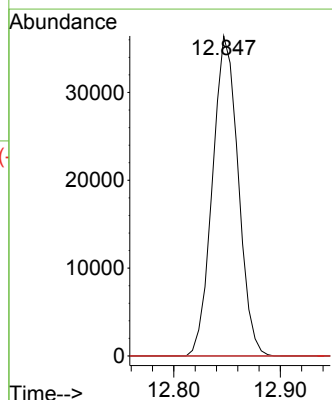
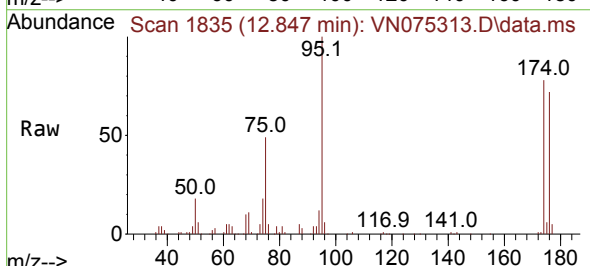
Tgt Ion: 75 Resp: 61159

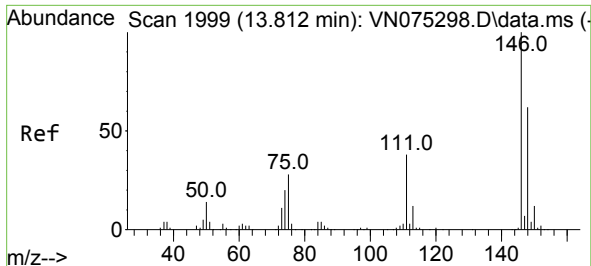
Ion Ratio Lower Upper

75 100

53 0.0 78.5 117.7#

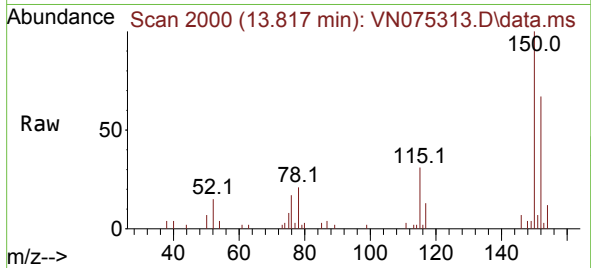
89 0.0 37.7 56.5#



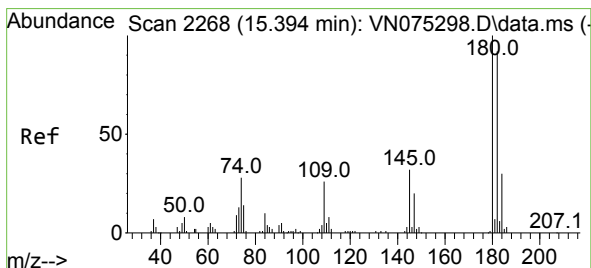
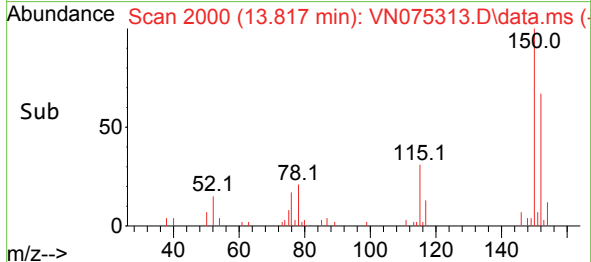
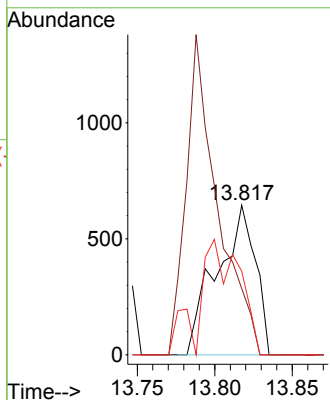


#88
1,4-Dichlorobenzene
Concen: 0.263 ug/l
RT: 13.817 min Scan# 20
Delta R.T. 0.005 min
Lab File: VN075313.D
Acq: 18 Nov 2022 15:30

Instrument :
MSVOA_N
ClientSampleId :

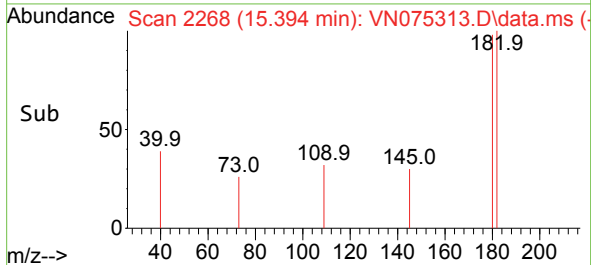
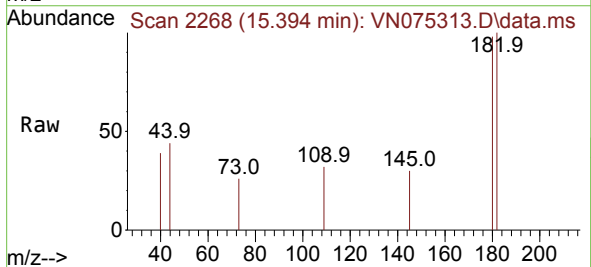
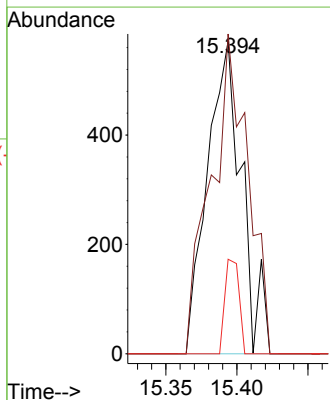


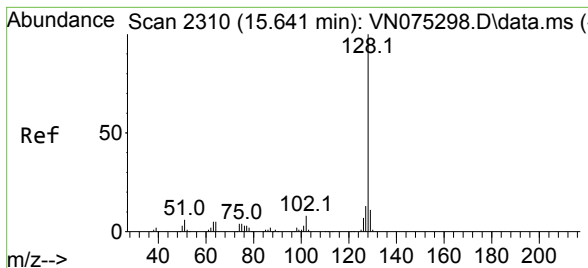
Tgt Ion:146 Resp: 1111
Ion Ratio Lower Upper
146 100
111 0.0 20.1 60.3#
148 0.0 31.9 95.7#



#93
1,2,4-Trichlorobenzene
Concen: 0.527 ug/l
RT: 15.394 min Scan# 2268
Delta R.T. -0.000 min
Lab File: VN075313.D
Acq: 18 Nov 2022 15:30

Tgt Ion:180 Resp: 962
Ion Ratio Lower Upper
180 100
182 109.5 47.8 143.4
145 12.4 16.8 50.3#





#95

Naphthalene

Concen: 0.773 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. -0.000 min

Lab File: VN075313.D

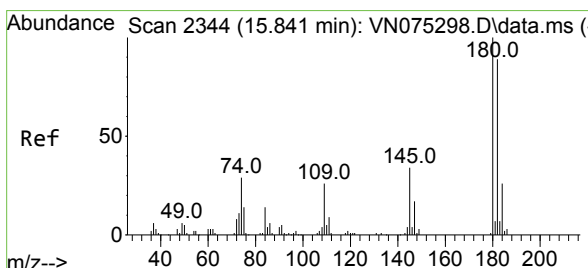
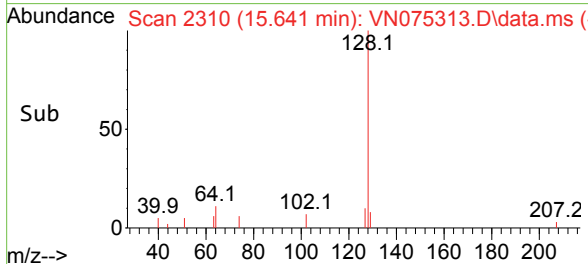
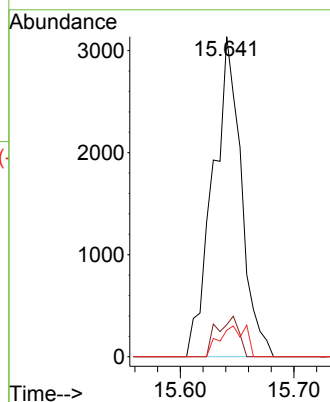
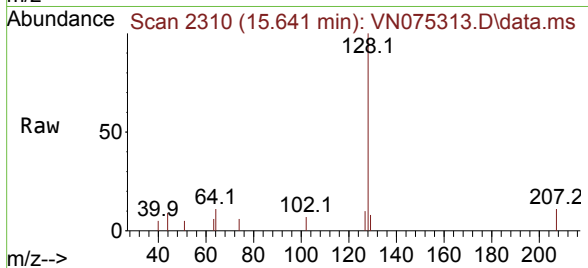
Acq: 18 Nov 2022 15:30

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:128	Resp:	5433
Ion Ratio	Lower	Upper
128	100	
127	9.7	10.4 15.6#
129	9.1	8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 0.589 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. -0.000 min

Lab File: VN075313.D

Acq: 18 Nov 2022 15:30

Tgt Ion:180	Resp:	1069
Ion Ratio	Lower	Upper
180	100	
182	98.5	47.3 141.8
145	26.3	17.6 52.9

