

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011023\
 Data File : VN076185.D
 Acq On : 10 Jan 2023 16:24
 Operator : JC\MD
 Sample : 01061-07
 Misc : 1.06gr/10mL/100uL/5.0mL/MSVOA_N/MeOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 11 01:07:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

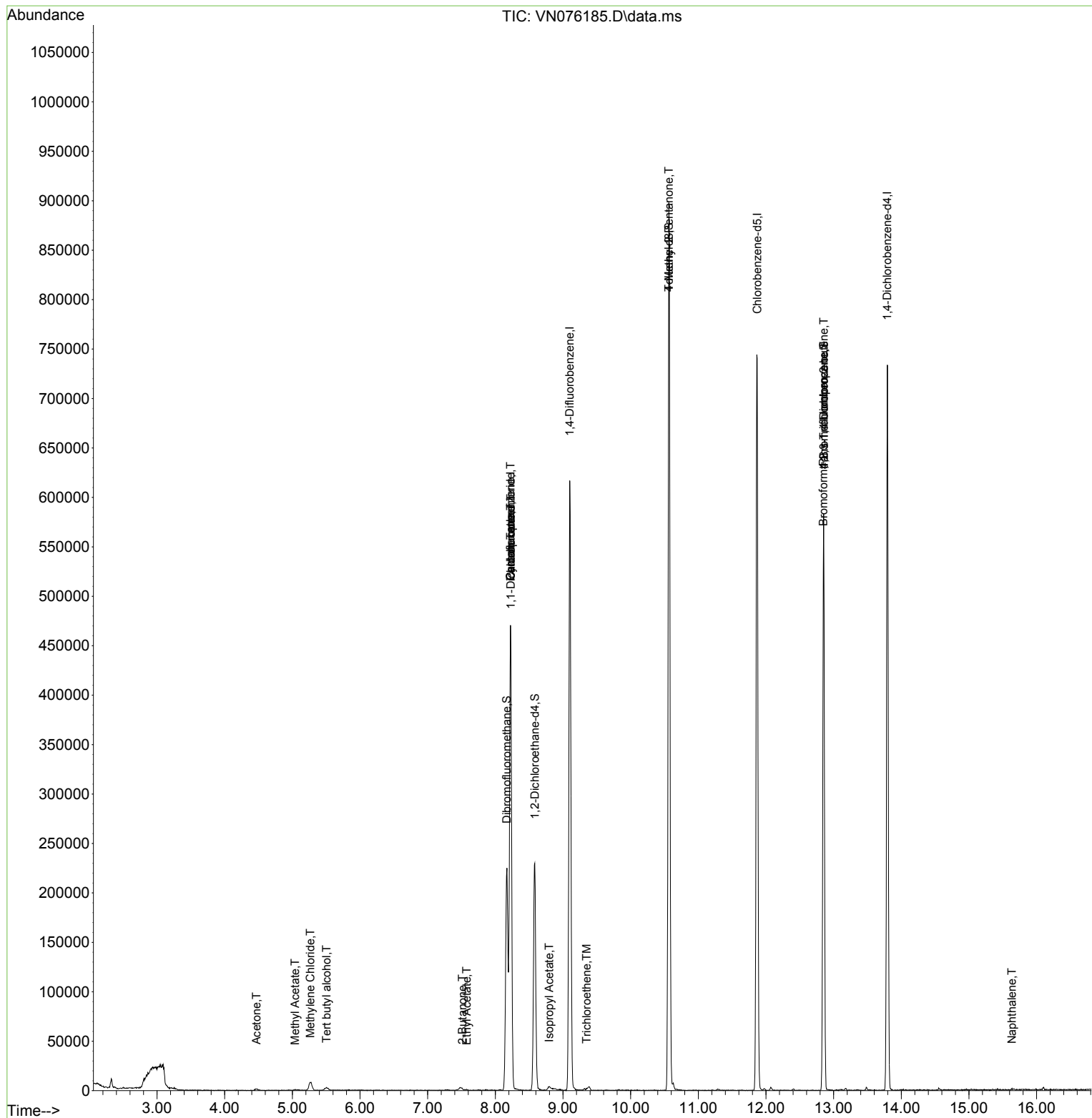
Internal Standards						
1) Pentafluorobenzene	8.224	168	362671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	563314	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	472731	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	203458	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	186028	47.149	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.300%		
35) Dibromofluoromethane	8.171	113	161449	46.280	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.560%		
50) Toluene-d8	10.565	98	641406	49.176	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.360%		
62) 4-Bromofluorobenzene	12.853	95	192446	44.547	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.100%		
Target Compounds						Qvalue
11) Tert butyl alcohol	5.506	59	2670	4.782	ug/l #	72
16) Acetone	4.471	43	2610	1.919	ug/l #	66
18) Methyl Acetate	5.041	43	887	0.221	ug/l #	45
20) Methylene Chloride	5.265	84	7565	1.458	ug/l #	93
25) 2-Butanone	7.512	43	1611	0.846	ug/l #	84
31) Cyclohexane	8.224	56	7008	1.240	ug/l #	8
36) 1,1-Dichloropropene	8.229	75	25423	5.486	ug/l #	49
37) Ethyl Acetate	7.577	43	1952	0.524	ug/l #	69
38) Carbon Tetrachloride	8.224	117	36354	7.009	ug/l #	16
43) Isopropyl Acetate	8.794	43	2181	0.355	ug/l #	50
44) Trichloroethene	9.347	130	966	0.240	ug/l	80
51) 4-Methyl-2-Pentanone	10.565	43	2534	0.682	ug/l #	1
71) Bromoform	12.847	173	1405	0.537	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	97633	23.806	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	97633	85.689	ug/l #	12
95) Naphthalene	15.635	128	909	2.256	ug/l #	76

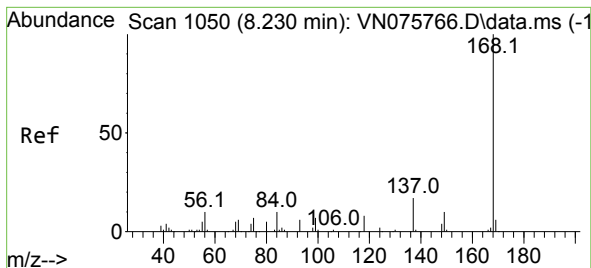
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 11 01:07:05 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 14 13:03:41 2022
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1049

Delta R.T. -0.006 min

Lab File: VN076185.D

Acq: 10 Jan 2023 16:24

Instrument :

MSVOA_N

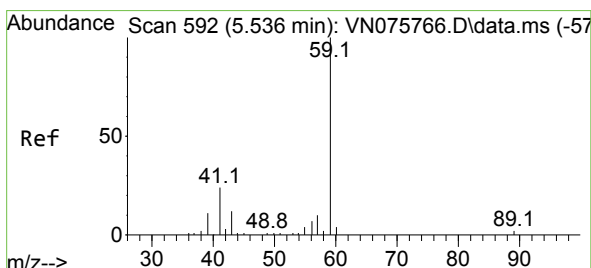
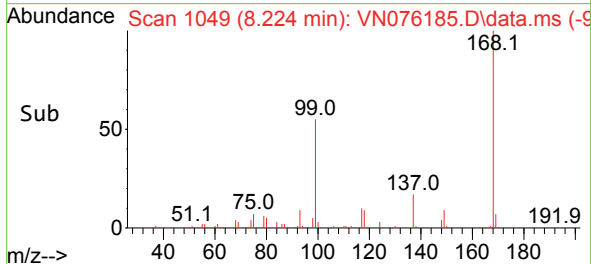
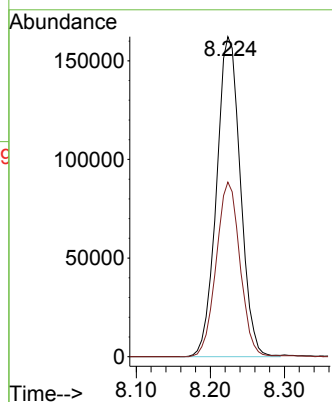
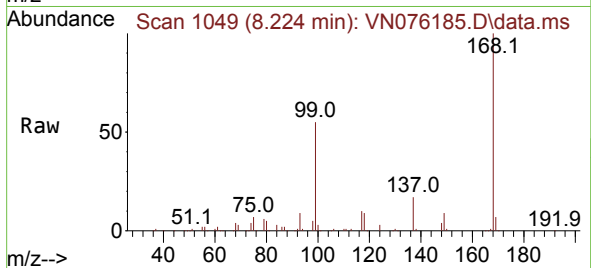
ClientSampleId :

Tgt Ion:168 Resp: 362671

Ion Ratio Lower Upper

168 100

99 54.5 44.2 66.4



#11

Tert butyl alcohol

Concen: 4.782 ug/l

RT: 5.506 min Scan# 587

Delta R.T. -0.030 min

Lab File: VN076185.D

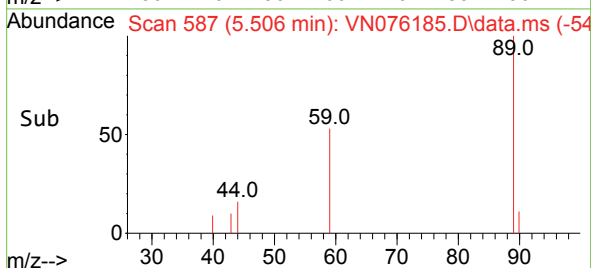
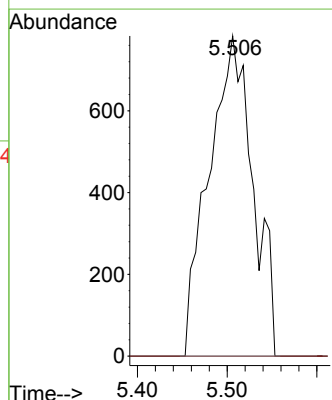
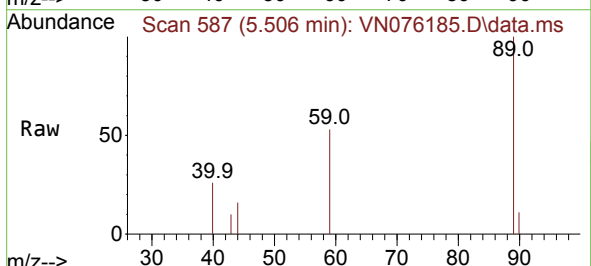
Acq: 10 Jan 2023 16:24

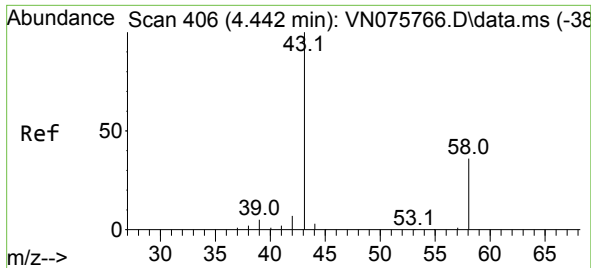
Tgt Ion: 59 Resp: 2670

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#

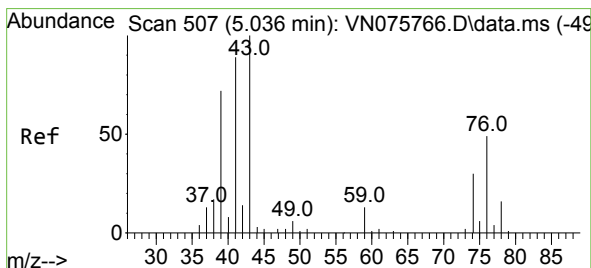
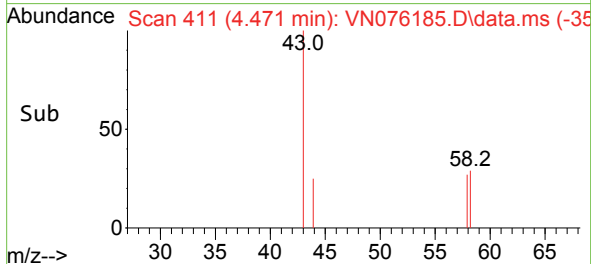
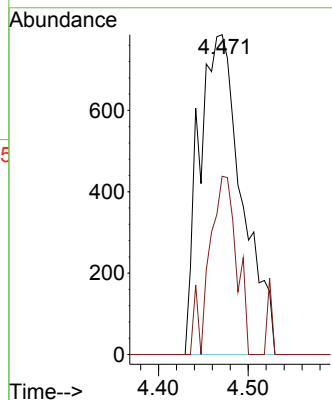
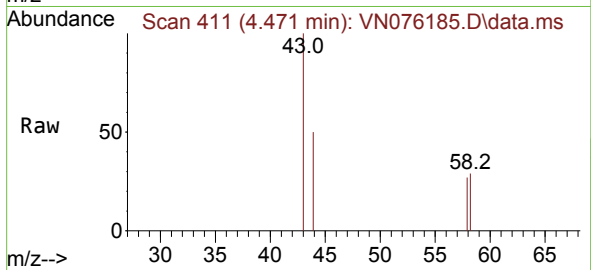




#16
Acetone
Concen: 1.919 ug/l
RT: 4.471 min Scan# 411
Delta R.T. 0.029 min
Lab File: VN076185.D
Acq: 10 Jan 2023 16:24

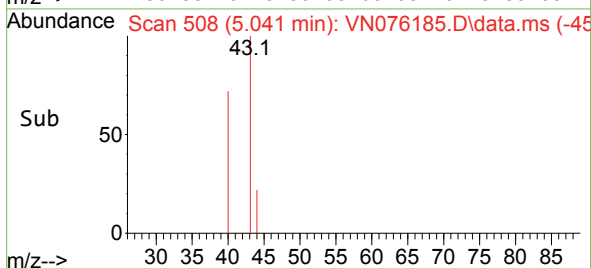
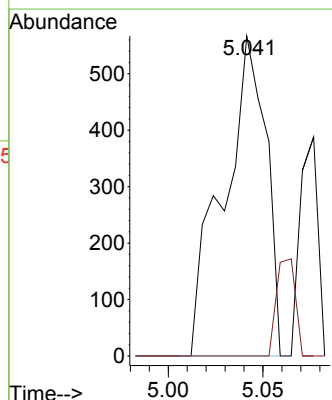
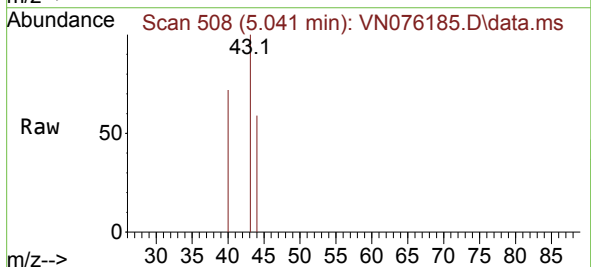
Instrument :
MSVOA_N
ClientSampleId :

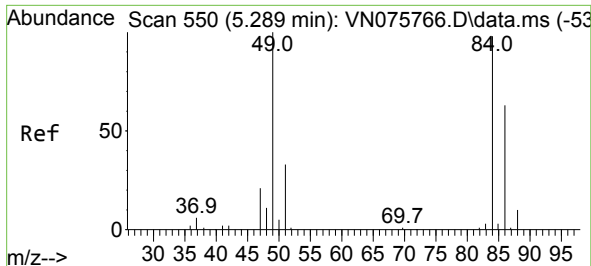
Tgt Ion: 43 Resp: 2610
Ion Ratio Lower Upper
43 100
58 55.7 28.6 43.0#



#18
Methyl Acetate
Concen: 0.221 ug/l
RT: 5.041 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN076185.D
Acq: 10 Jan 2023 16:24

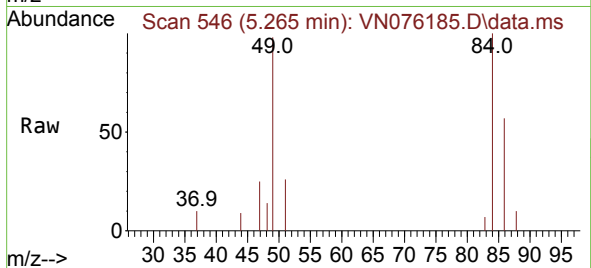
Tgt Ion: 43 Resp: 887
Ion Ratio Lower Upper
43 100
74 0.0 23.6 35.4#



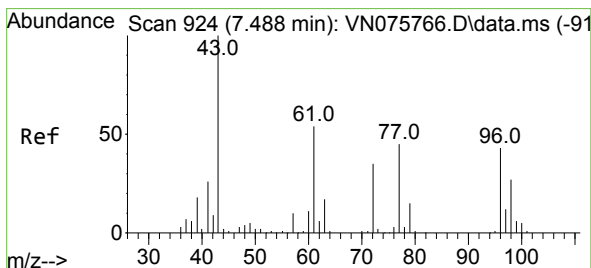
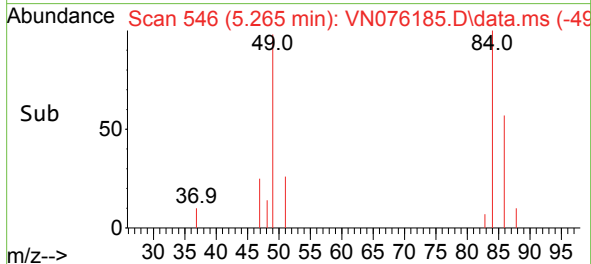
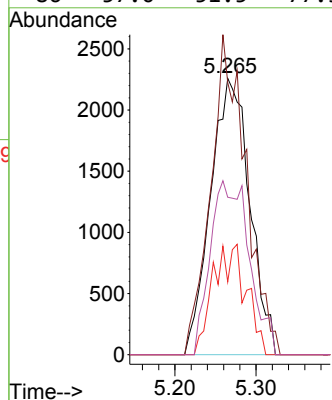


#20
Methylene Chloride
Concen: 1.458 ug/l
RT: 5.265 min Scan# 54
Delta R.T. -0.024 min
Lab File: VN076185.D
Acq: 10 Jan 2023 16:24

Instrument :
MSVOA_N
ClientSampleId :

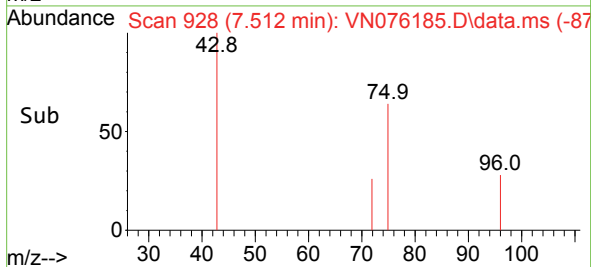
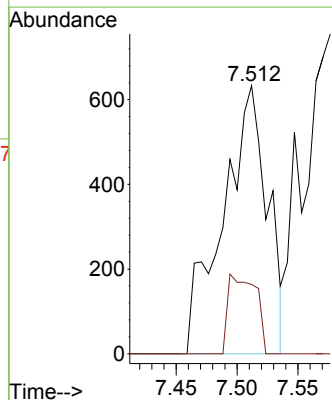
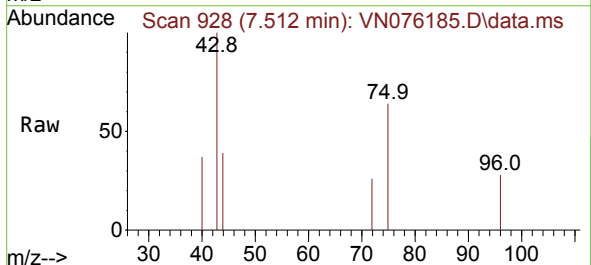


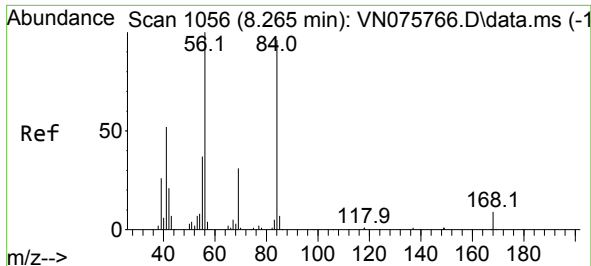
Tgt Ion: 84 Resp: 7565
Ion Ratio Lower Upper
84 100
49 98.5 81.8 122.6
51 26.3 26.7 40.1#
86 57.0 51.5 77.3



#25
2-Butanone
Concen: 0.846 ug/l
RT: 7.512 min Scan# 928
Delta R.T. 0.023 min
Lab File: VN076185.D
Acq: 10 Jan 2023 16:24

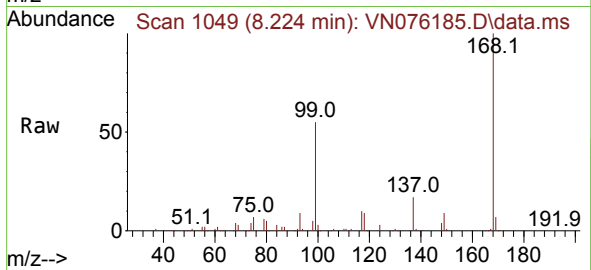
Tgt Ion: 43 Resp: 1611
Ion Ratio Lower Upper
43 100
72 25.9 28.0 42.0#



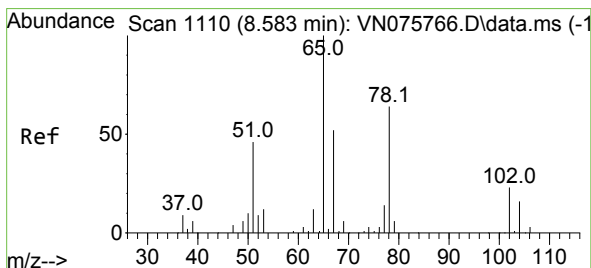
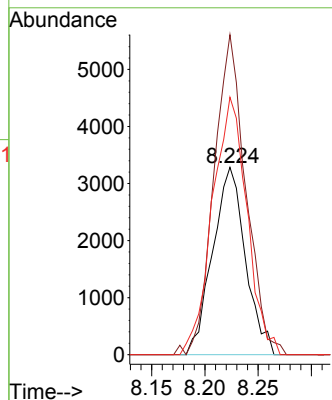
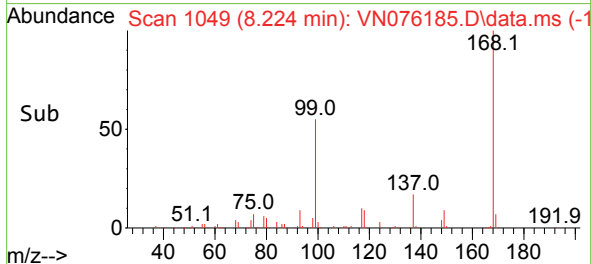


#31
Cyclohexane
Concen: 1.240 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.041 min
Lab File: VN076185.D
Acq: 10 Jan 2023 16:24

Instrument :
MSVOA_N
ClientSampleId :

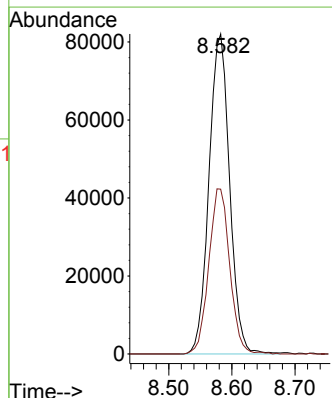
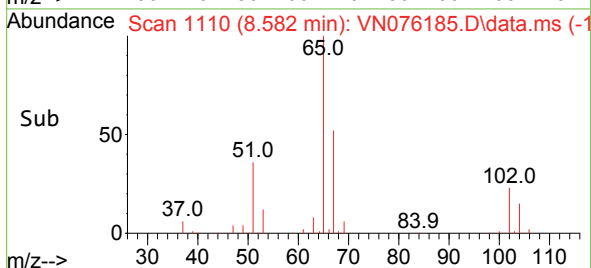
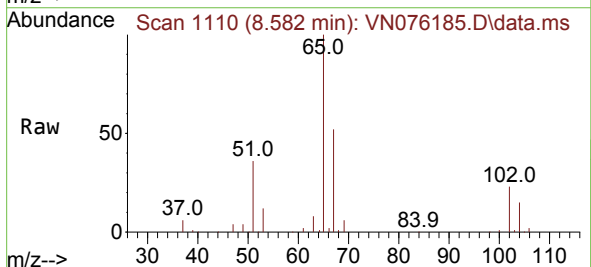


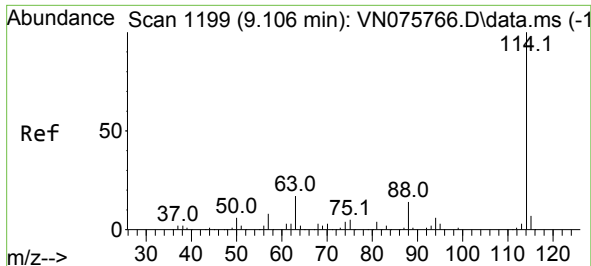
Tgt Ion: 56 Resp: 7008
Ion Ratio Lower Upper
56 100
69 165.7 24.7 37.1#
84 137.4 76.5 114.7#



#33
1,2-Dichloroethane-d4
Concen: 47.149 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN076185.D
Acq: 10 Jan 2023 16:24

Tgt Ion: 65 Resp: 186028
Ion Ratio Lower Upper
65 100
67 52.5 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1199

Delta R.T. -0.006 min

Lab File: VN076185.D

Acq: 10 Jan 2023 16:24

Instrument :

MSVOA_N

ClientSampleId :

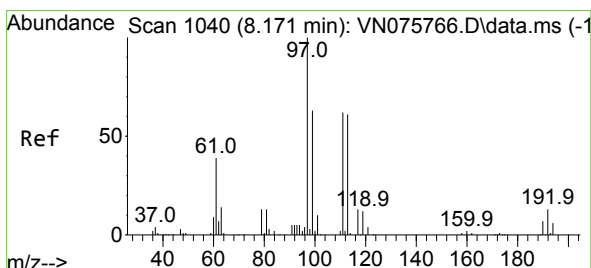
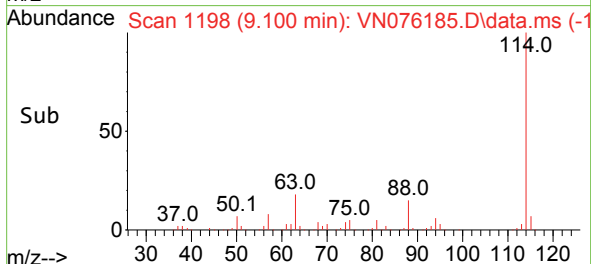
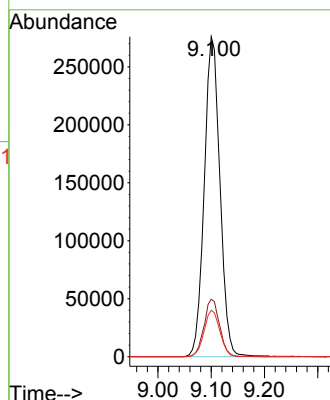
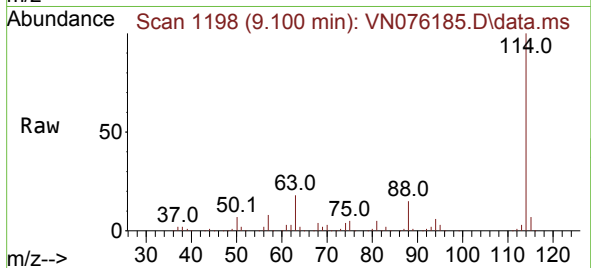
Tgt Ion:114 Resp: 563314

Ion Ratio Lower Upper

114 100

63 18.0 0.0 34.4

88 14.5 0.0 28.8



#35

Dibromofluoromethane

Concen: 46.280 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076185.D

Acq: 10 Jan 2023 16:24

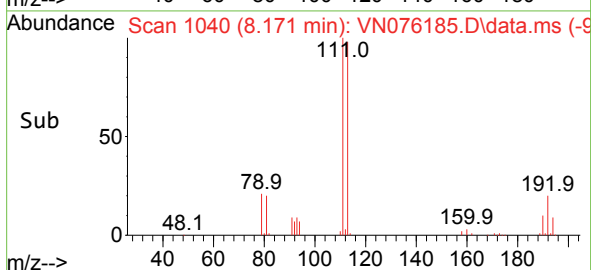
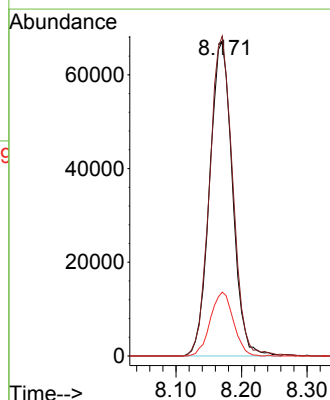
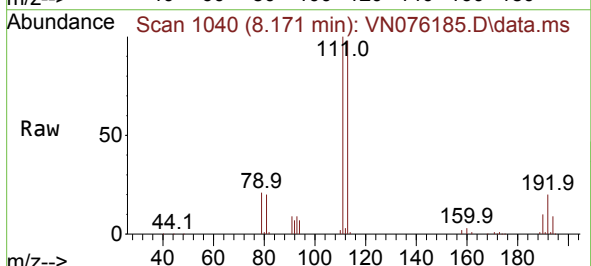
Tgt Ion:113 Resp: 161449

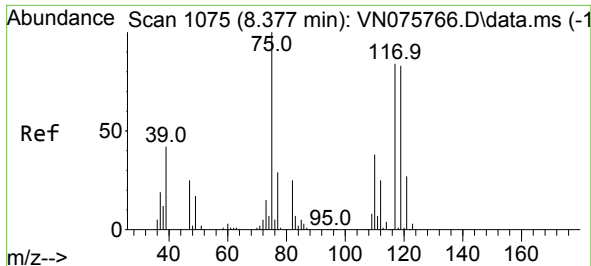
Ion Ratio Lower Upper

113 100

111 103.3 83.4 125.2

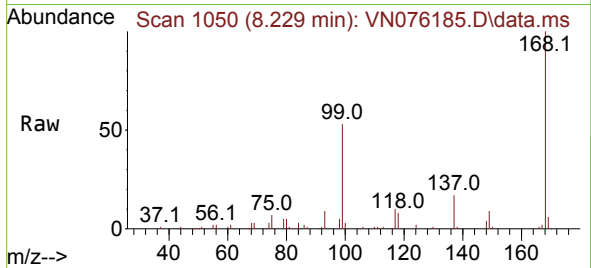
192 20.5 16.1 24.1



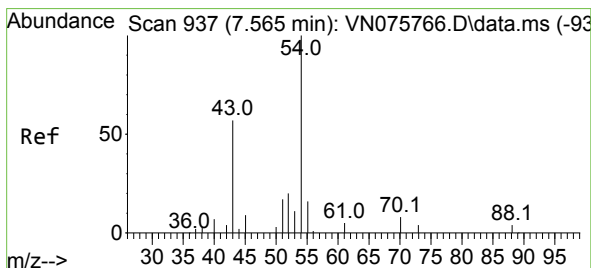
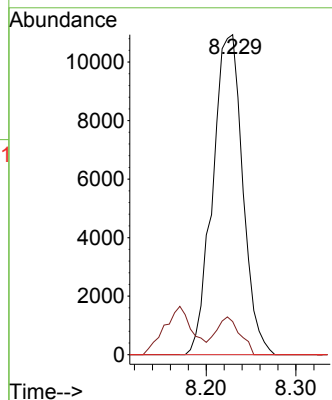
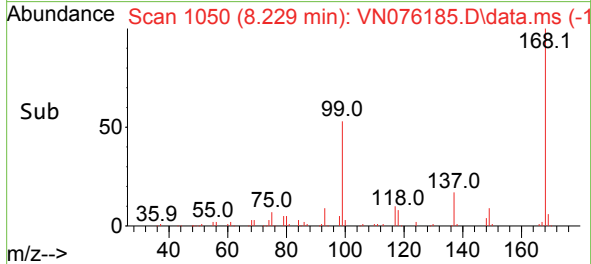


#36
1,1-Dichloropropene
Concen: 5.486 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN076185.D
Acq: 10 Jan 2023 16:24

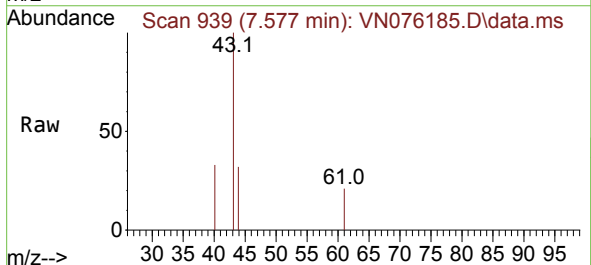
Instrument :
MSVOA_N
ClientSampleId :



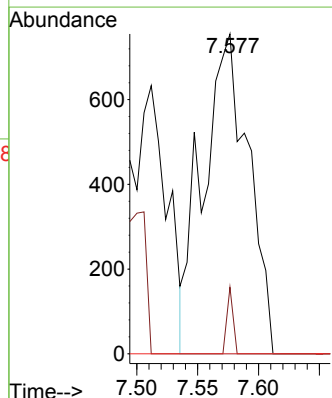
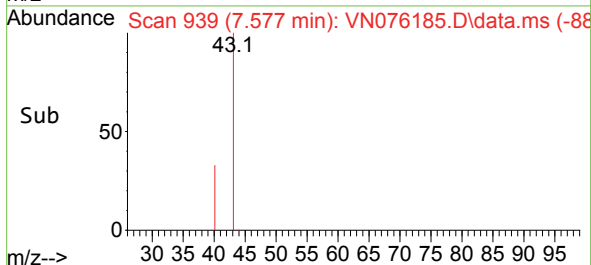
Tgt Ion: 75 Resp: 25423
Ion Ratio Lower Upper
75 100
110 9.4 18.8 56.4#
77 0.0 24.1 36.1#

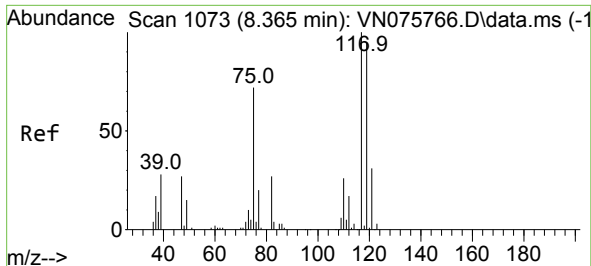


#37
Ethyl Acetate
Concen: 0.524 ug/l
RT: 7.577 min Scan# 939
Delta R.T. 0.012 min
Lab File: VN076185.D
Acq: 10 Jan 2023 16:24



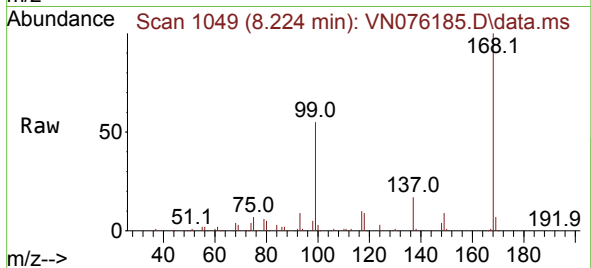
Tgt Ion: 43 Resp: 1952
Ion Ratio Lower Upper
43 100
61 2.8 13.0 19.4#
70 0.0 9.4 14.0#



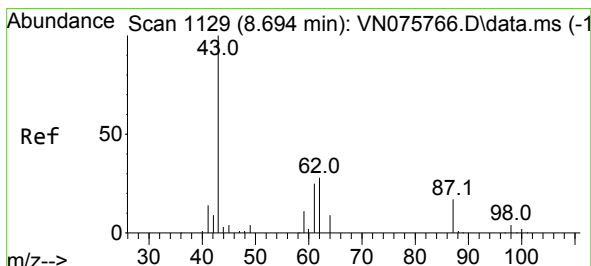
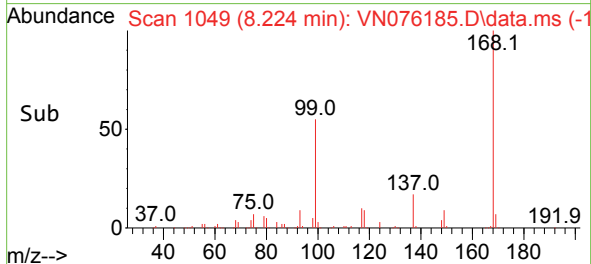
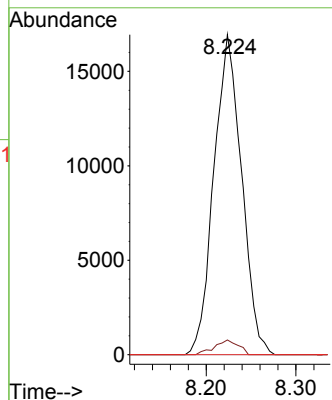


#38
Carbon Tetrachloride
Concen: 7.009 ug/l
RT: 8.224 min Scan# 1104
Delta R.T. -0.141 min
Lab File: VN076185.D
Acq: 10 Jan 2023 16:24

Instrument :
MSVOA_N
ClientSampleId :

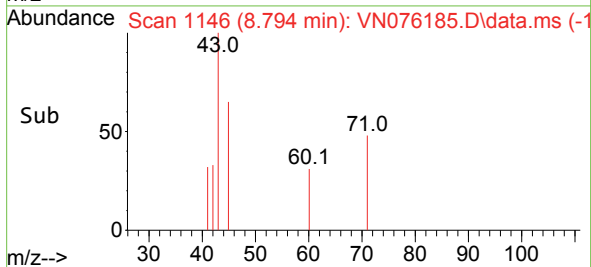
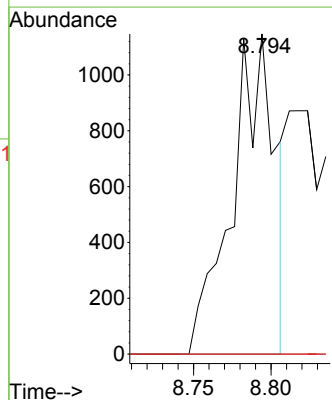
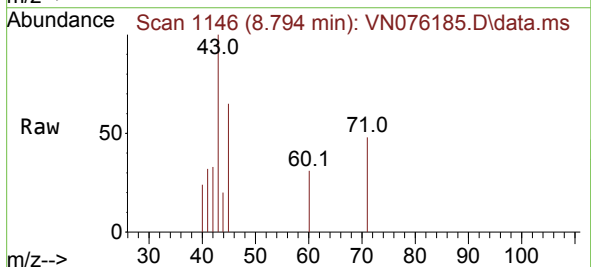


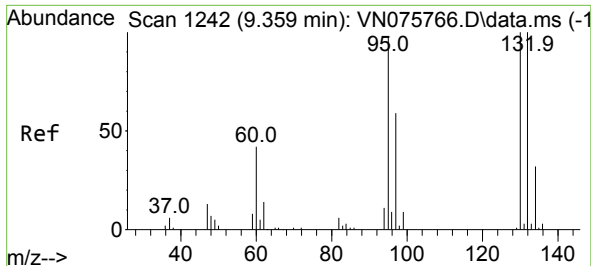
Tgt Ion:117 Resp: 36354
Ion Ratio Lower Upper
117 100
119 4.6 76.1 114.1#
121 0.0 24.5 36.7#



#43
Isopropyl Acetate
Concen: 0.355 ug/l
RT: 8.794 min Scan# 1146
Delta R.T. 0.100 min
Lab File: VN076185.D
Acq: 10 Jan 2023 16:24

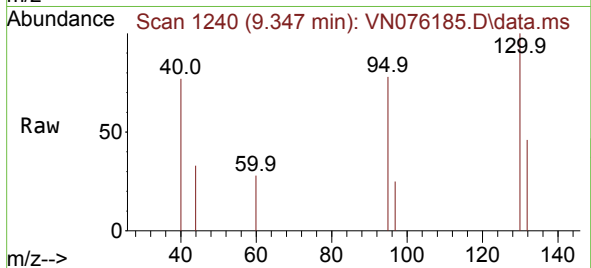
Tgt Ion: 43 Resp: 2181
Ion Ratio Lower Upper
43 100
61 0.0 24.2 36.4#
87 0.0 13.3 19.9#



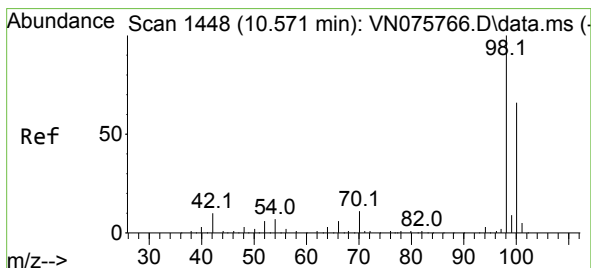
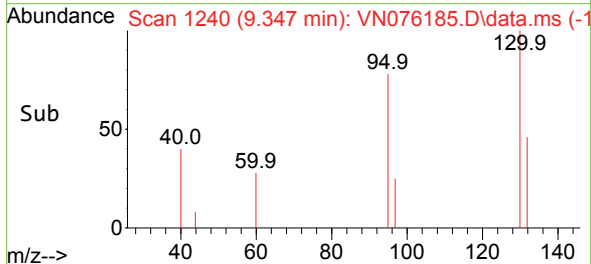
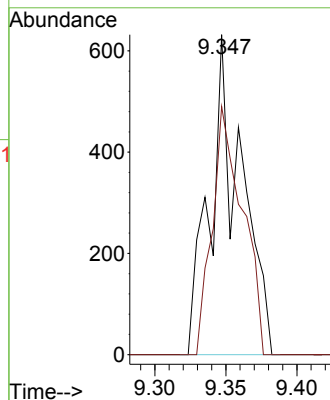


#44
Trichloroethene
Concen: 0.240 ug/l
RT: 9.347 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN076185.D
Acq: 10 Jan 2023 16:24

Instrument :
MSVOA_N
ClientSampleId :

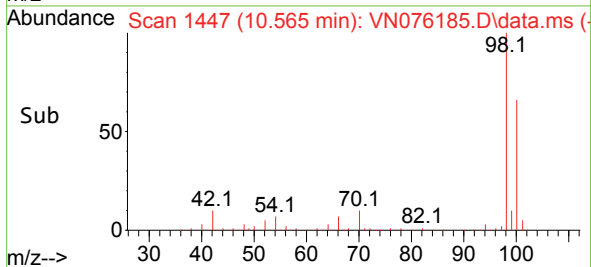
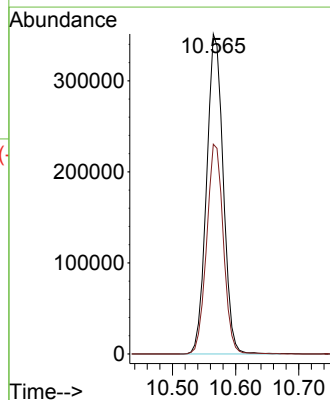
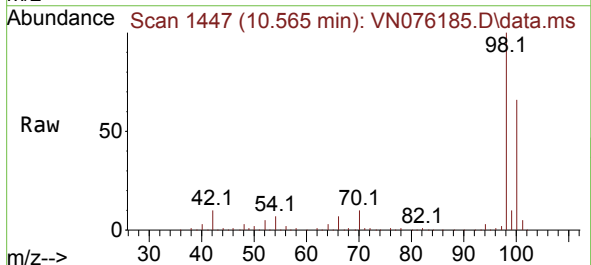


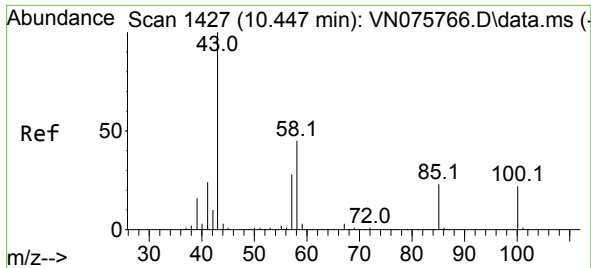
Tgt Ion:130 Resp: 966
Ion Ratio Lower Upper
130 100
95 77.5 0.0 195.4



#50
Toluene-d8
Concen: 49.176 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN076185.D
Acq: 10 Jan 2023 16:24

Tgt Ion: 98 Resp: 641406
Ion Ratio Lower Upper
98 100
100 65.9 52.1 78.1

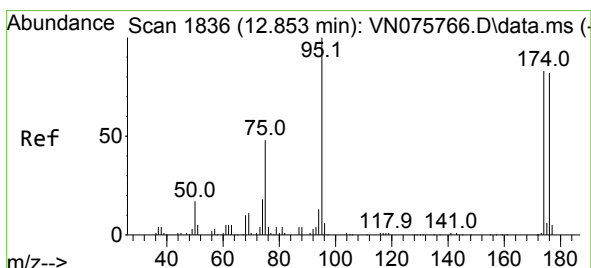
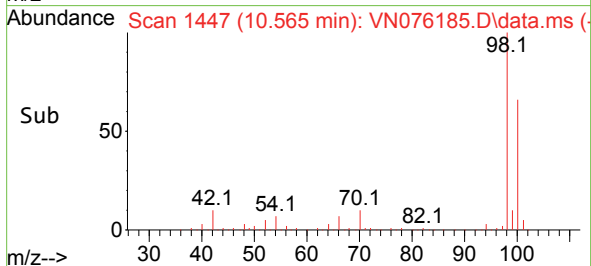
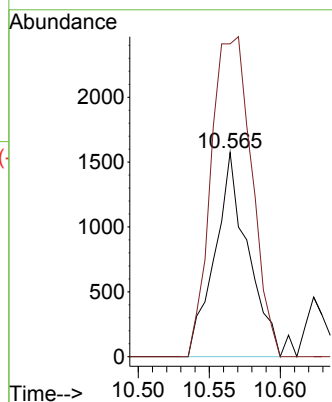
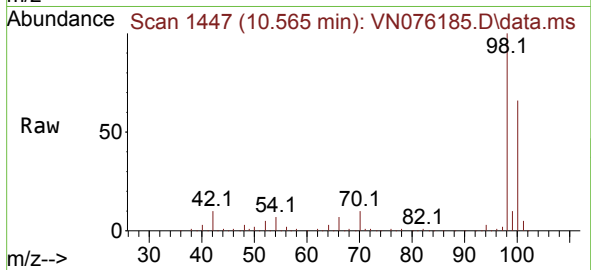




#51
4-Methyl-2-Pentanone
Concen: 0.682 ug/l
RT: 10.565 min Scan# 1427
Delta R.T. 0.117 min
Lab File: VN076185.D
Acq: 10 Jan 2023 16:24

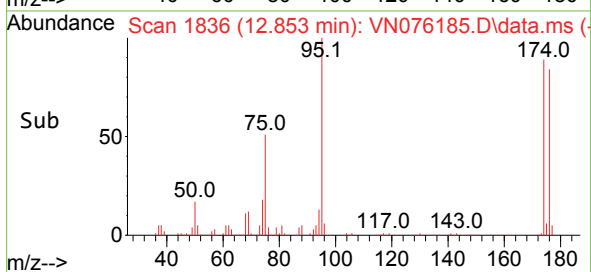
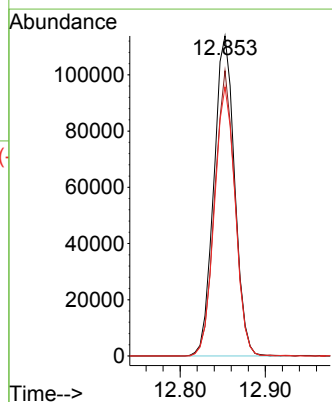
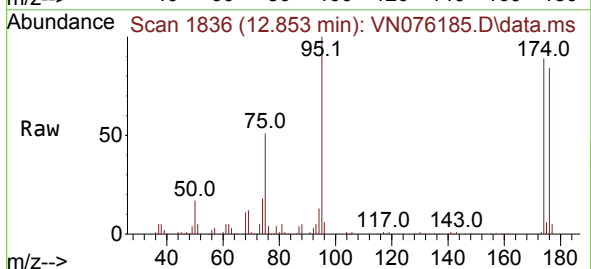
Instrument :
MSVOA_N
ClientSampleId :

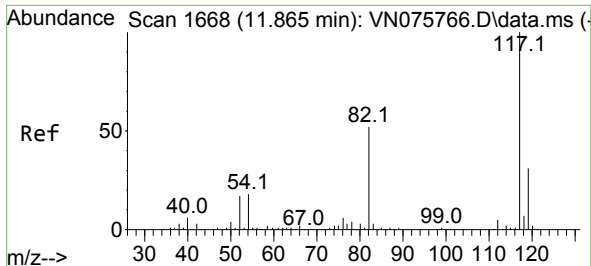
Tgt Ion: 43 Resp: 2534
Ion Ratio Lower Upper
43 100
58 193.8 35.5 53.3#



#62
4-Bromofluorobenzene
Concen: 44.547 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076185.D
Acq: 10 Jan 2023 16:24

Tgt Ion: 95 Resp: 192446
Ion Ratio Lower Upper
95 100
174 86.8 0.0 171.6
176 84.1 0.0 169.2

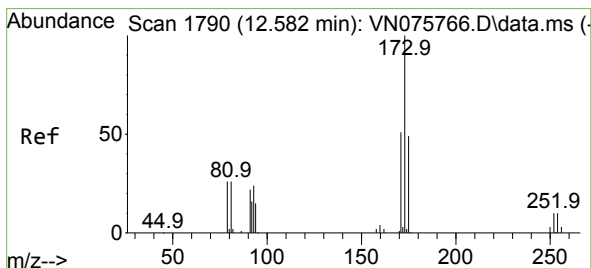
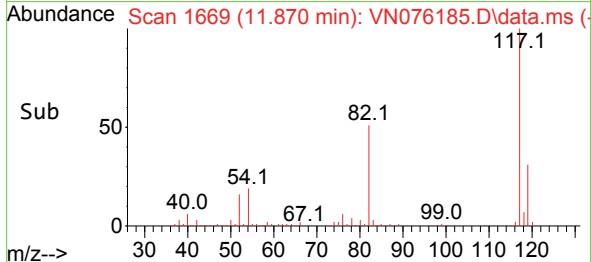
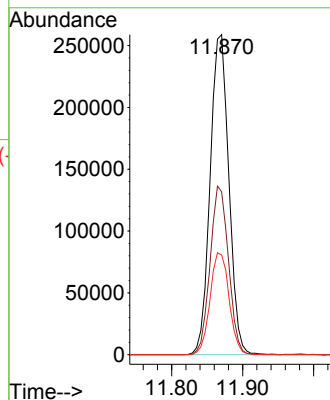
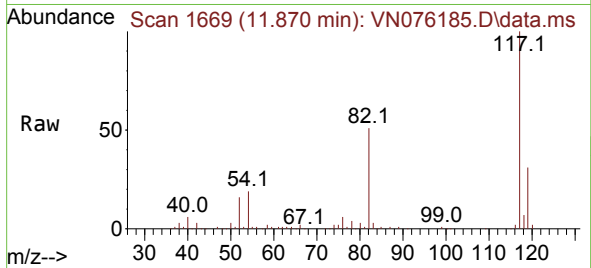




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN076185.D
Acq: 10 Jan 2023 16:24

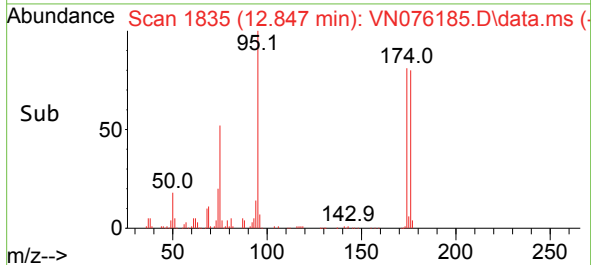
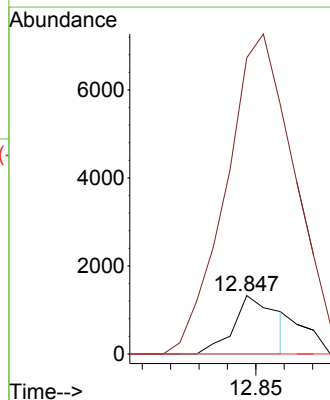
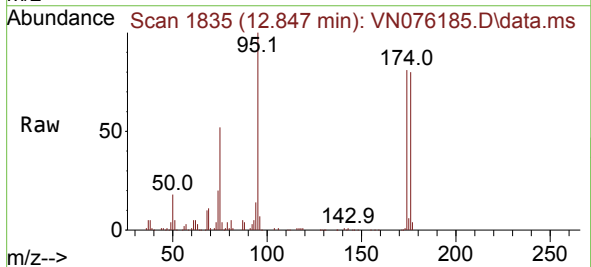
Instrument :
MSVOA_N
ClientSampleId :

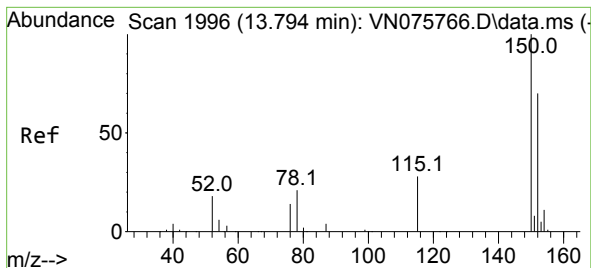
Tgt Ion:117 Resp: 472731
Ion Ratio Lower Upper
117 100
82 50.9 41.3 61.9
119 31.1 24.6 37.0



#71
Bromoform
Concen: 0.537 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.265 min
Lab File: VN076185.D
Acq: 10 Jan 2023 16:24

Tgt Ion:173 Resp: 1405
Ion Ratio Lower Upper
173 100
175 697.3 24.3 72.8#
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: VN076185.D

Acq: 10 Jan 2023 16:24

Instrument :

MSVOA_N

ClientSampleId :

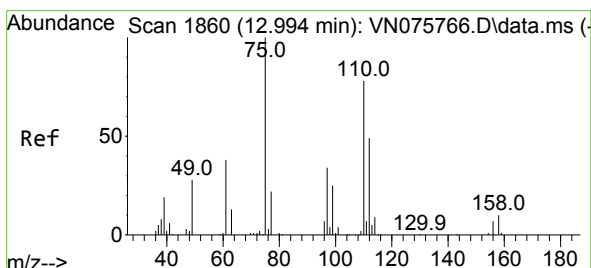
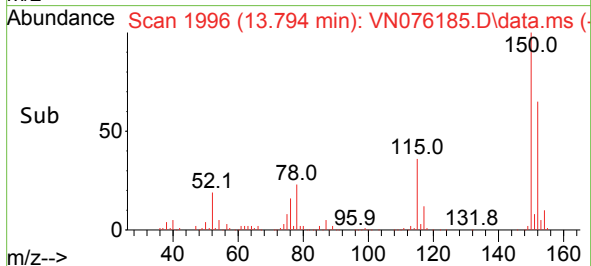
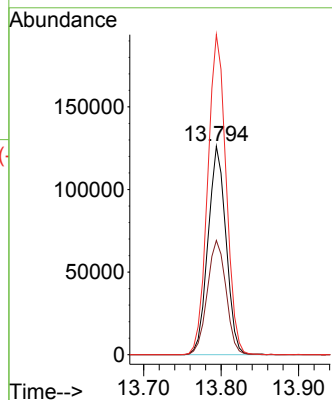
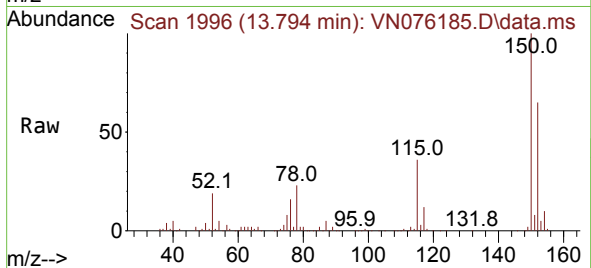
Tgt Ion:152 Resp: 203458

Ion Ratio Lower Upper

152 100

115 57.1 29.1 87.4

150 156.8 0.0 347.0



#76

1,2,3-Trichloropropane

Concen: 23.806 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.141 min

Lab File: VN076185.D

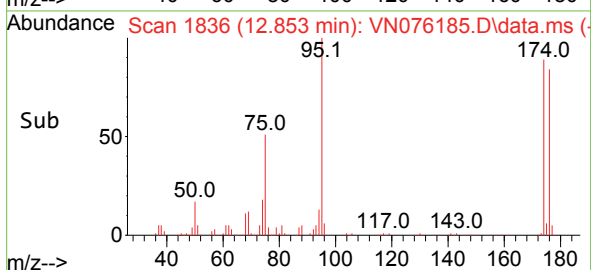
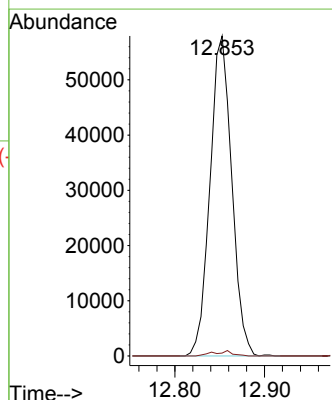
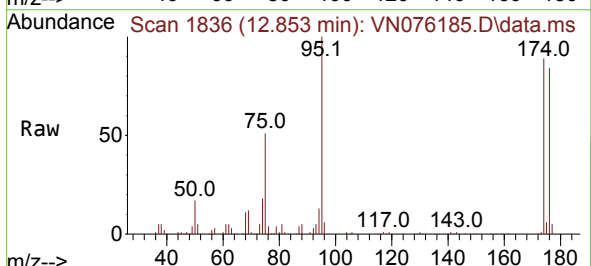
Acq: 10 Jan 2023 16:24

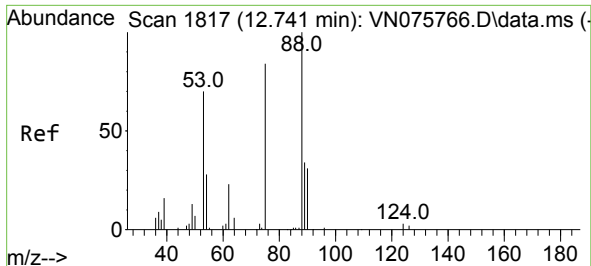
Tgt Ion: 75 Resp: 97633

Ion Ratio Lower Upper

75 100

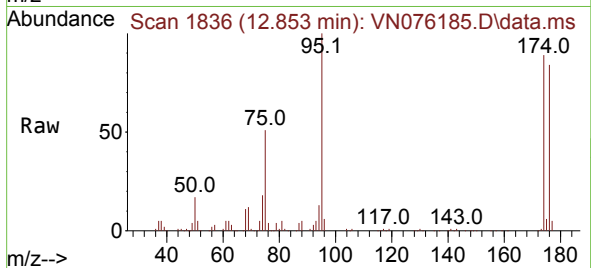
77 1.4 82.6 247.8#



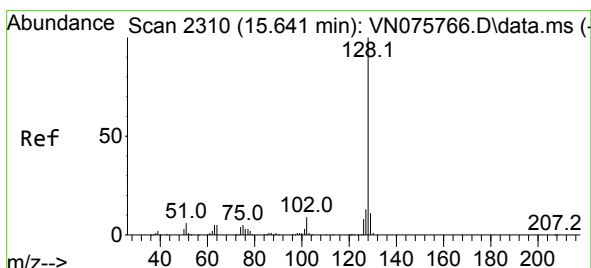
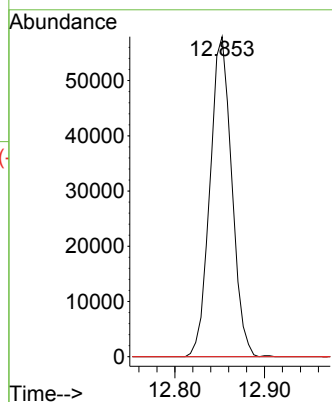
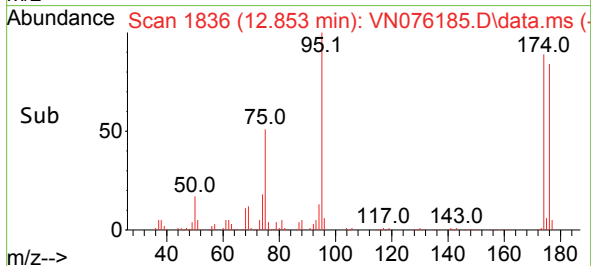


#81
trans-1,4-Dichloro-2-butene
Concen: 85.689 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN076185.D
Acq: 10 Jan 2023 16:24

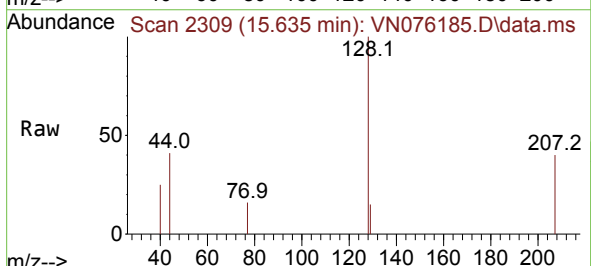
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 97633
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#



#95
Naphthalene
Concen: 2.256 ug/l
RT: 15.635 min Scan# 2309
Delta R.T. -0.006 min
Lab File: VN076185.D
Acq: 10 Jan 2023 16:24



Tgt Ion: 128 Resp: 909
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 5.9 8.7 13.1#

