

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112123\
 Data File : VN080233.D
 Acq On : 21 Nov 2023 15:40
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 22 00:08:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

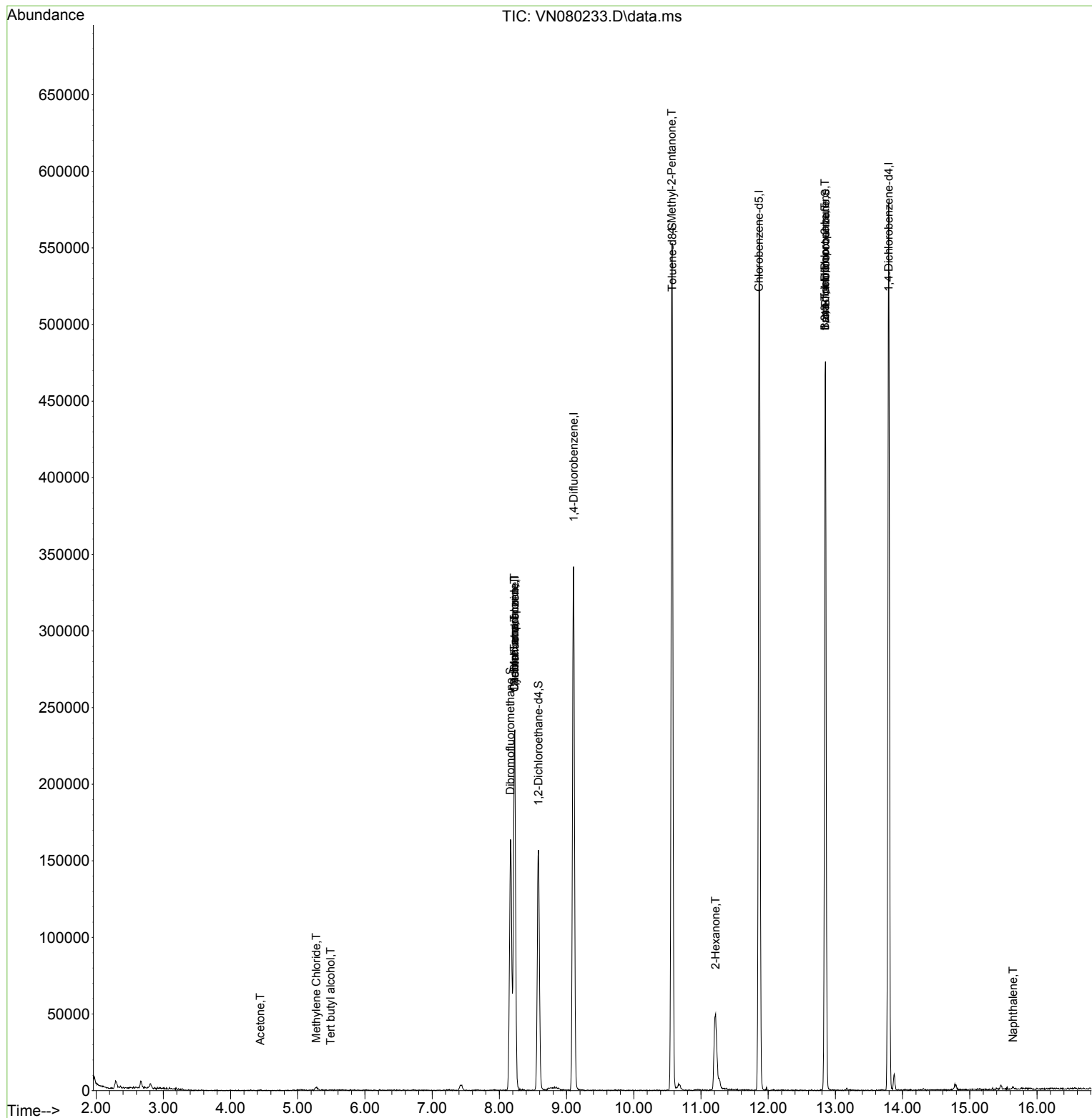
Internal Standards							
1) Pentafluorobenzene		8.230	168	159328	50.000	ug/l	0.00
34) 1,4-Difluorobenzene		9.106	114	289582	50.000	ug/l	0.00
63) Chlorobenzene-d5		11.865	117	324205	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		13.794	152	145795	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		8.583	65	146583	55.719	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.440%	
35) Dibromofluoromethane		8.165	113	112656	52.723	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.440%	
50) Toluene-d8		10.571	98	383360	49.771	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.540%	
62) 4-Bromofluorobenzene		12.853	95	160133	55.041	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.080%	
Target Compounds							
							Qvalue
6) Chloroethane		3.130	64	424	Below Cal	#	43
11) Tert butyl alcohol		5.489	59	115	0.398	ug/l #	72
16) Acetone		4.442	43	278	0.315	ug/l #	40
20) Methylene Chloride		5.277	84	1672	0.904	ug/l #	87
31) Cyclohexane		8.224	56	3718	1.300	ug/l #	23
36) 1,1-Dichloropropene		8.224	75	13049	4.218	ug/l #	50
38) Carbon Tetrachloride		8.224	117	18755	4.777	ug/l #	17
51) 4-Methyl-2-Pentanone		10.565	43	1582	0.732	ug/l #	1
59) 2-Hexanone		11.218	43	21165	12.184	ug/l #	35
71) Bromoform		12.847	173	657	0.311	ug/l #	1
76) 1,2,3-Trichloropropane		12.847	75	92856	25.994	ug/l #	1
81) trans-1,4-Dichloro-2-b...		12.847	75	92856	87.823	ug/l #	15
95) Naphthalene		15.647	128	1757	0.212	ug/l #	75

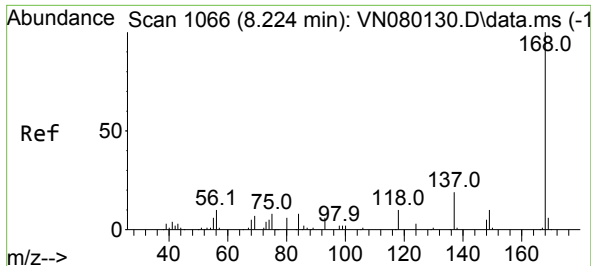
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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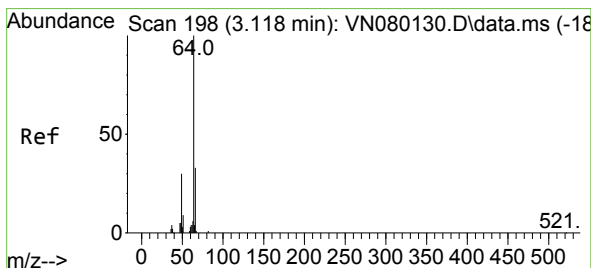
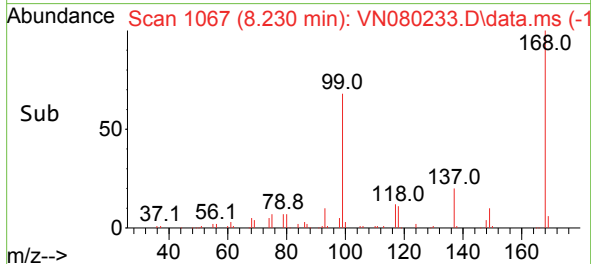
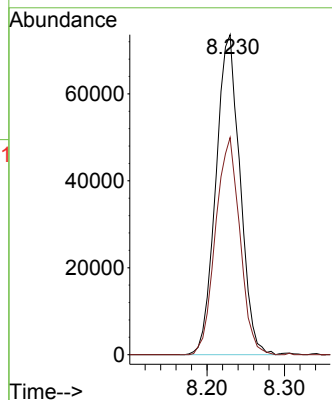
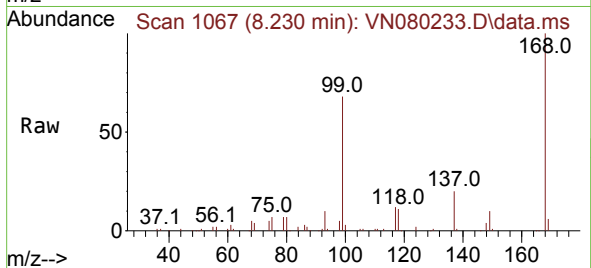




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN080233.D
Acq: 21 Nov 2023 15:40

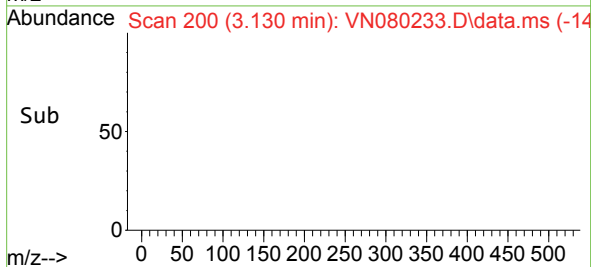
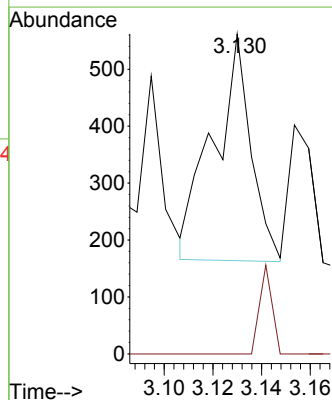
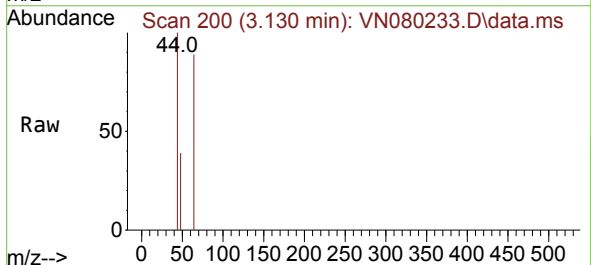
Instrument :
MSVOA_N
ClientSampleId :

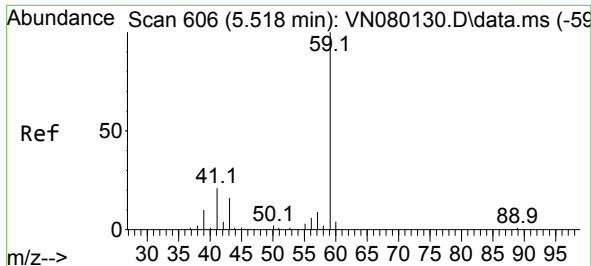
Tgt Ion:168 Resp: 159328
Ion Ratio Lower Upper
168 100
99 67.8 53.0 79.6



#6
Chloroethane
Concen: Below Cal
RT: 3.130 min Scan# 200
Delta R.T. 0.012 min
Lab File: VN080233.D
Acq: 21 Nov 2023 15:40

Tgt Ion: 64 Resp: 424
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#

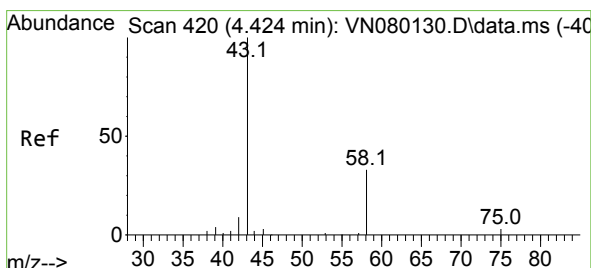
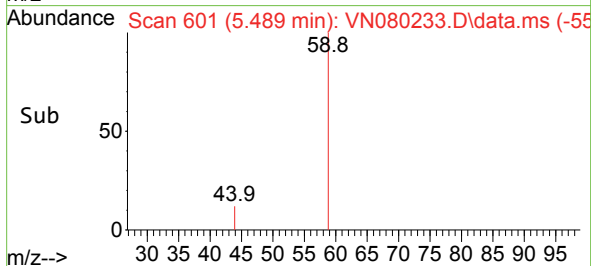
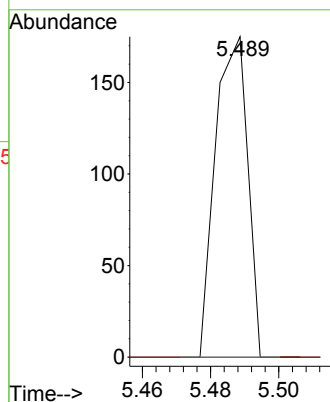
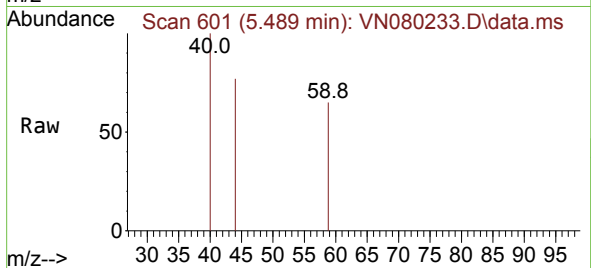




#11
Tert butyl alcohol
Concen: 0.398 ug/l
RT: 5.489 min Scan# 606
Delta R.T. -0.029 min
Lab File: VN080233.D
Acq: 21 Nov 2023 15:40

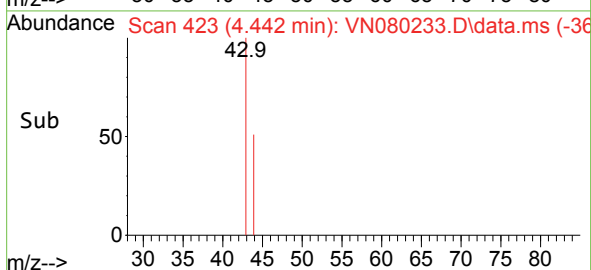
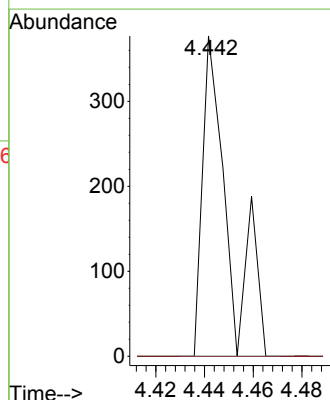
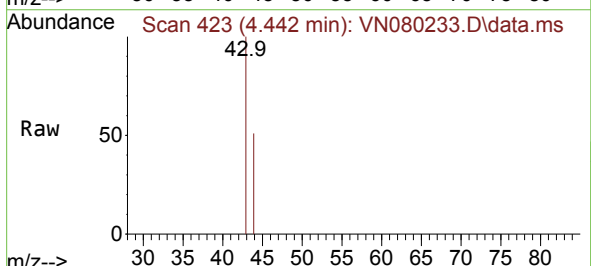
Instrument :
MSVOA_N
ClientSampleId :

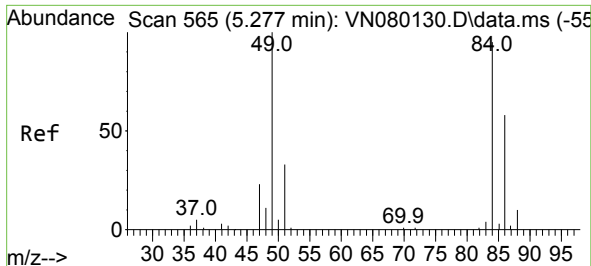
Tgt Ion: 59 Resp: 115
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#16
Acetone
Concen: 0.315 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN080233.D
Acq: 21 Nov 2023 15:40

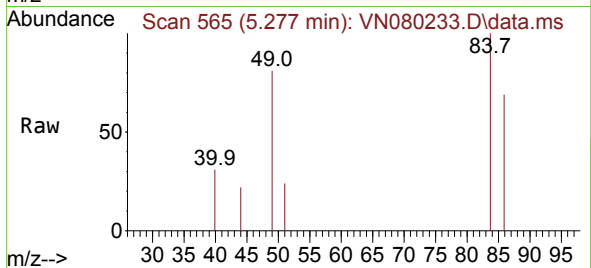
Tgt Ion: 43 Resp: 278
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



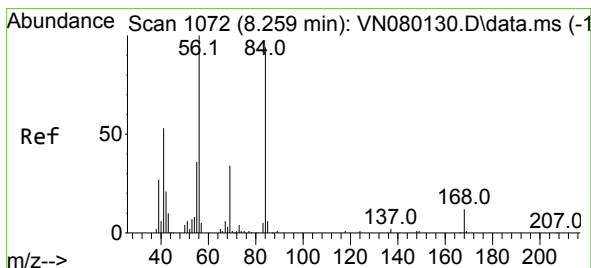
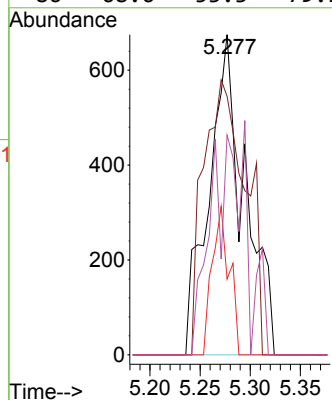


#20
Methylene Chloride
Concen: 0.904 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN080233.D
Acq: 21 Nov 2023 15:40

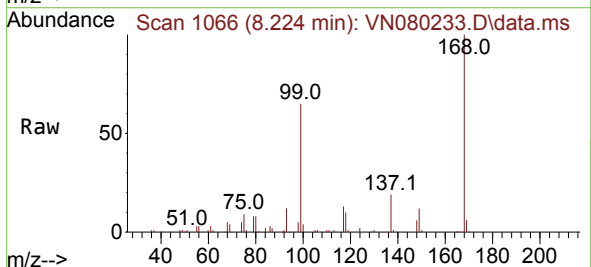
Instrument :
MSVOA_N
ClientSampleId :



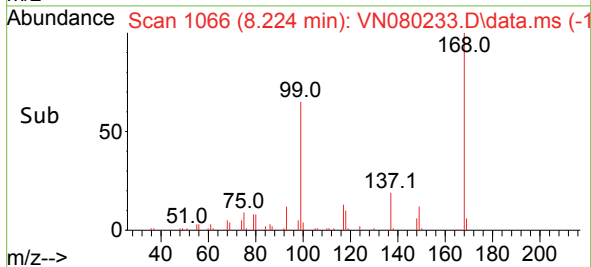
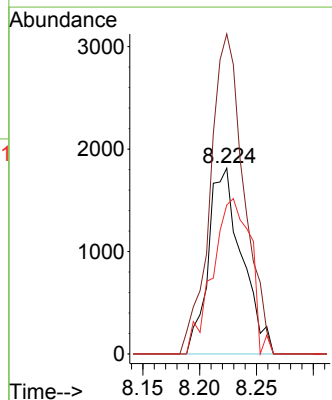
Tgt Ion:	84	Resp:	1672
Ion	Ratio	Lower	Upper
84	100		
49	80.7	79.7	119.5
51	23.7	25.2	37.8#
86	68.6	53.3	79.9

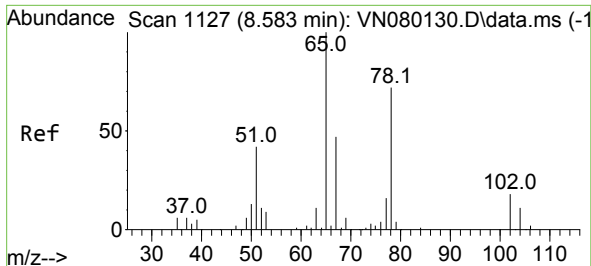


#31
Cyclohexane
Concen: 1.300 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN080233.D
Acq: 21 Nov 2023 15:40



Tgt Ion:	56	Resp:	3718
Ion	Ratio	Lower	Upper
56	100		
69	172.3	26.8	40.2#
84	80.2	81.8	122.6#





#33

1,2-Dichloroethane-d4

Concen: 55.719 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN080233.D

Acq: 21 Nov 2023 15:40

Instrument :

MSVOA_N

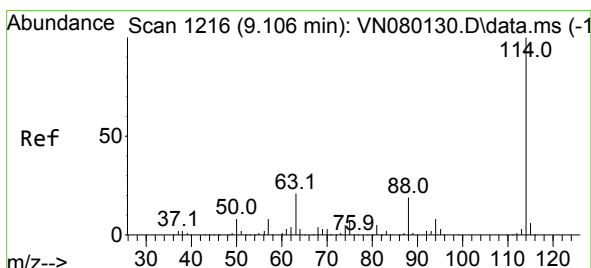
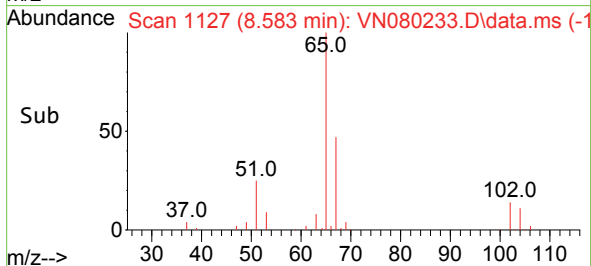
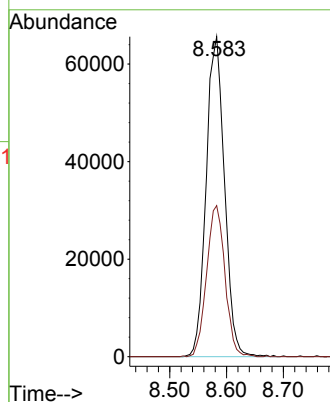
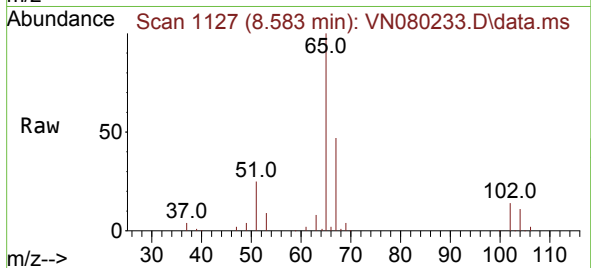
ClientSampleId :

Tgt Ion: 65 Resp: 146583

Ion Ratio Lower Upper

65 100

67 47.4 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN080233.D

Acq: 21 Nov 2023 15:40

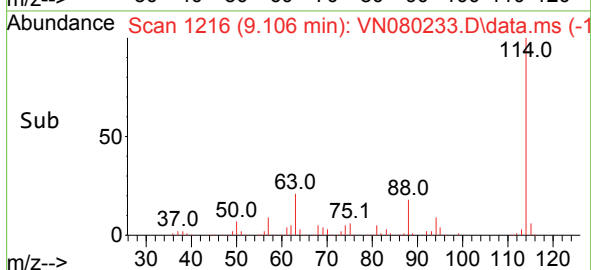
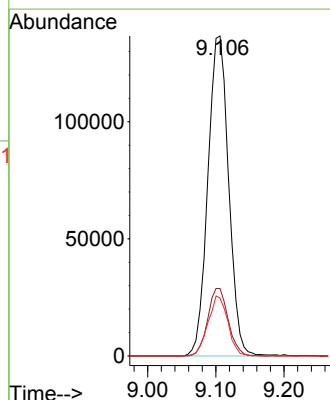
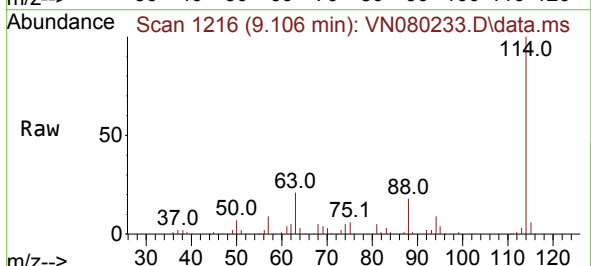
Tgt Ion: 114 Resp: 289582

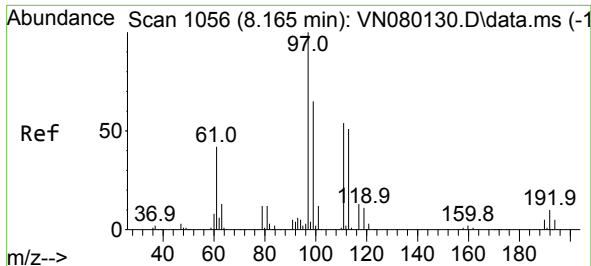
Ion Ratio Lower Upper

114 100

63 21.0 0.0 36.4

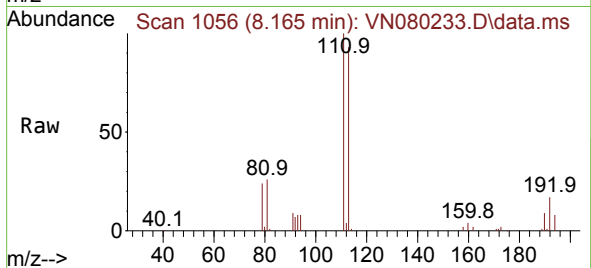
88 18.1 0.0 30.6



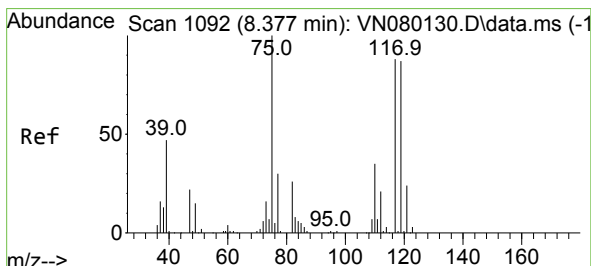
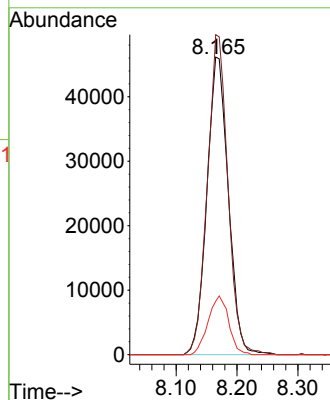
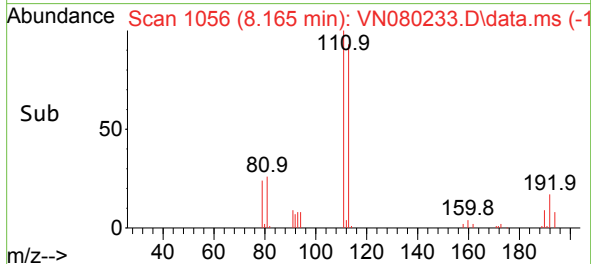


#35
Dibromofluoromethane
Concen: 52.723 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN080233.D
Acq: 21 Nov 2023 15:40

Instrument :
MSVOA_N
ClientSampleId :

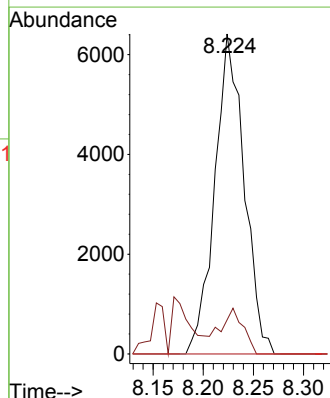
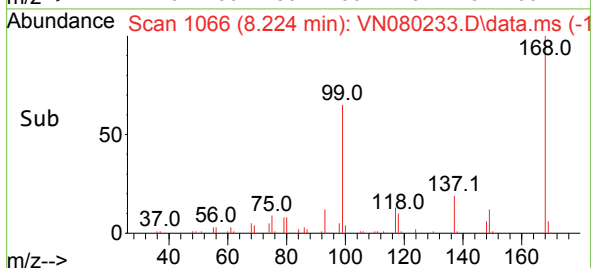
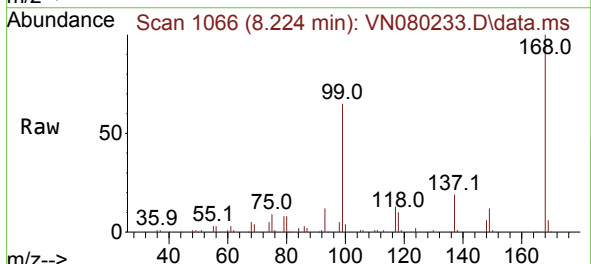


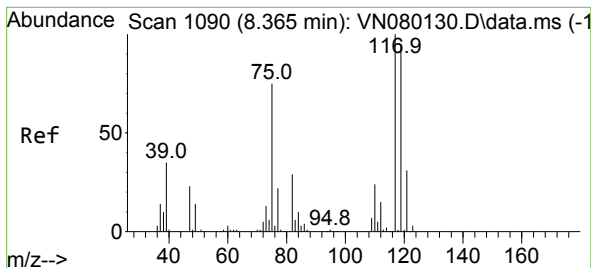
Tgt Ion:113 Resp: 112656
Ion Ratio Lower Upper
113 100
111 103.1 82.6 123.8
192 19.0 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.218 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN080233.D
Acq: 21 Nov 2023 15:40

Tgt Ion: 75 Resp: 13049
Ion Ratio Lower Upper
75 100
110 10.8 19.1 57.3#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 4.777 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

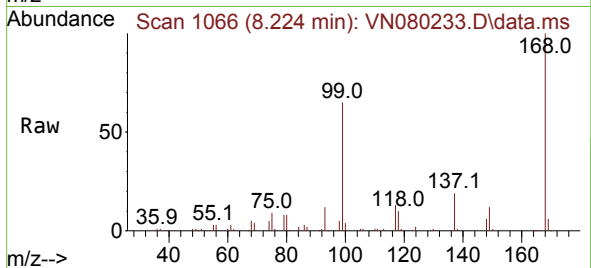
Lab File: VN080233.D

Acq: 21 Nov 2023 15:40

Instrument :

MSVOA_N

ClientSampleId :



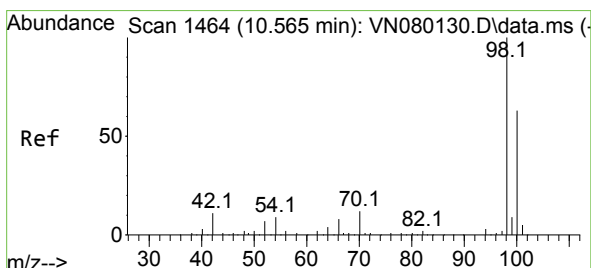
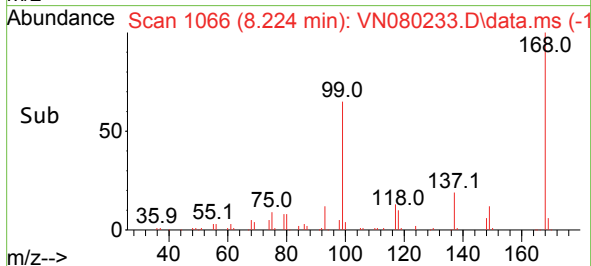
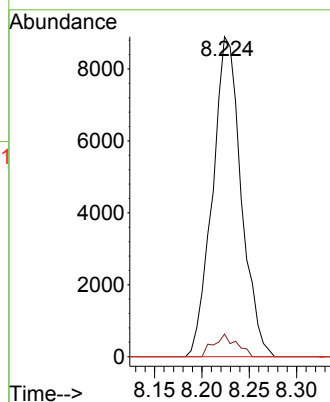
Tgt Ion:117 Resp: 18755

Ion Ratio Lower Upper

117 100

119 7.0 77.3 115.9#

121 0.0 23.3 34.9#



#50

Toluene-d8

Concen: 49.771 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080233.D

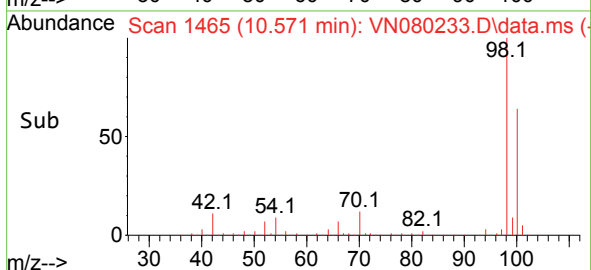
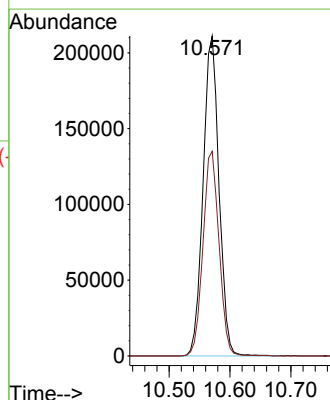
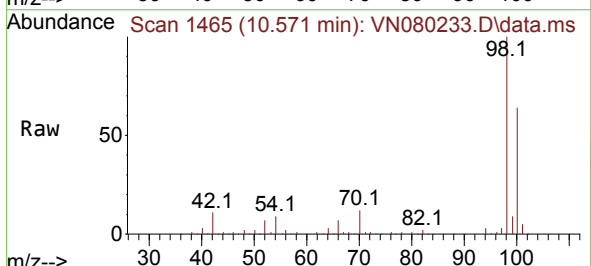
Acq: 21 Nov 2023 15:40

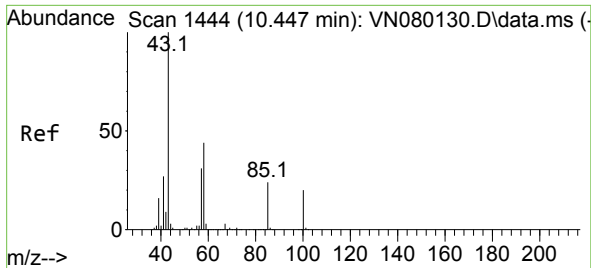
Tgt Ion: 98 Resp: 383360

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0

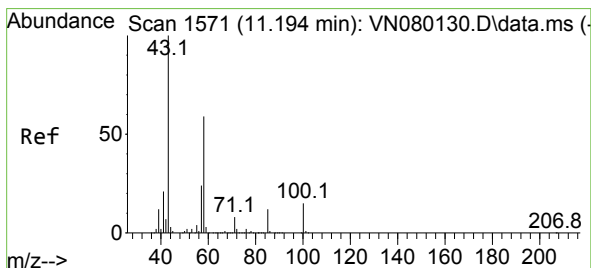
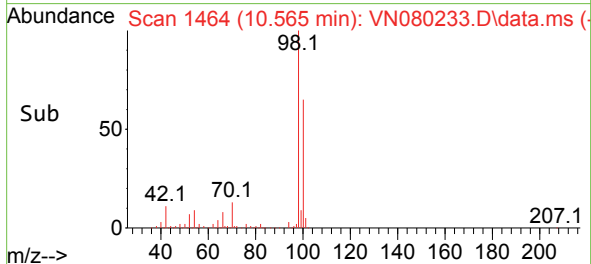
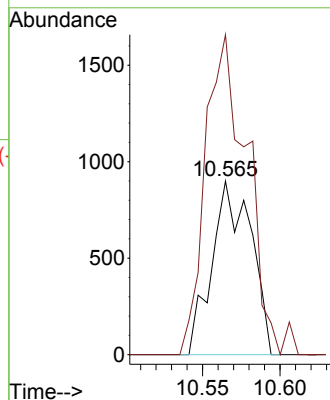
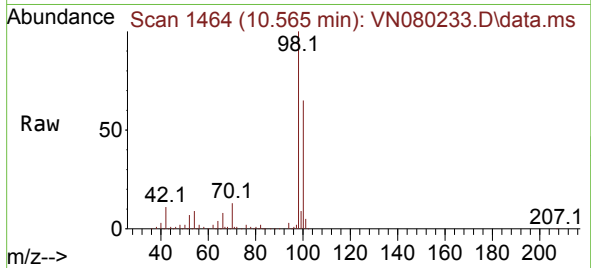




#51
4-Methyl-2-Pentanone
Concen: 0.732 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.118 min
Lab File: VN080233.D
Acq: 21 Nov 2023 15:40

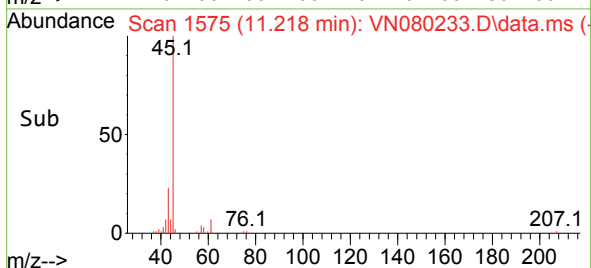
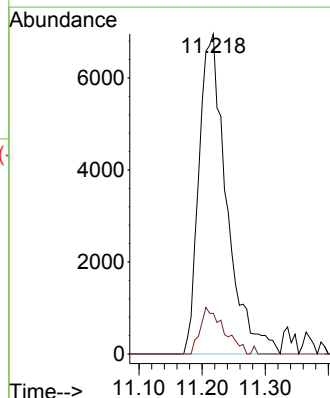
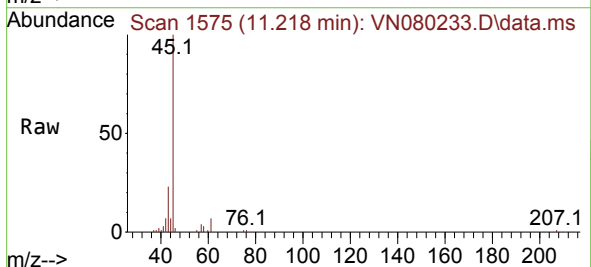
Instrument :
MSVOA_N
ClientSampleId :

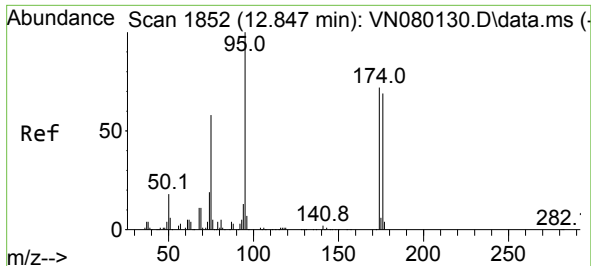
Tgt Ion: 43 Resp: 1582
Ion Ratio Lower Upper
43 100
58 197.3 36.6 54.8#



#59
2-Hexanone
Concen: 12.184 ug/l
RT: 11.218 min Scan# 1575
Delta R.T. 0.023 min
Lab File: VN080233.D
Acq: 21 Nov 2023 15:40

Tgt Ion: 43 Resp: 21165
Ion Ratio Lower Upper
43 100
58 12.4 31.7 95.1#

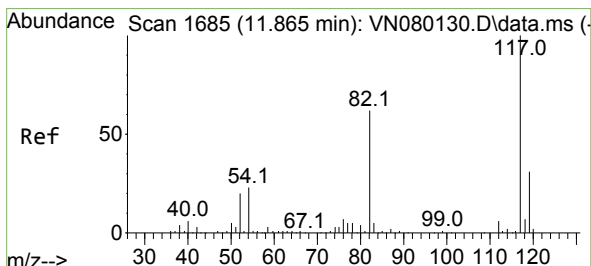
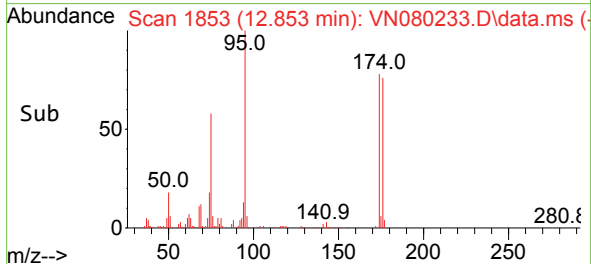
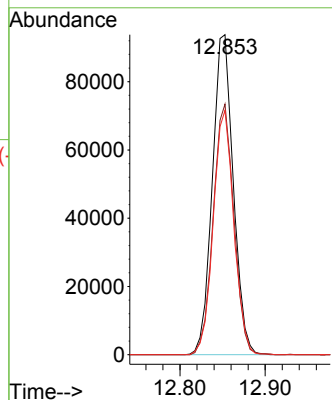
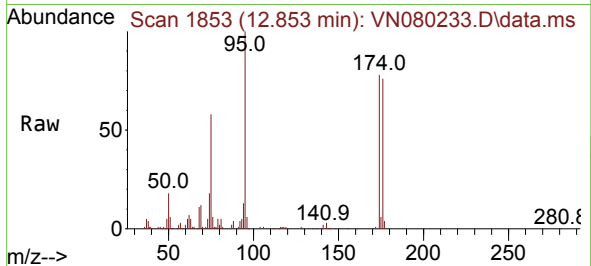




#62
4-Bromofluorobenzene
Concen: 55.041 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080233.D
Acq: 21 Nov 2023 15:40

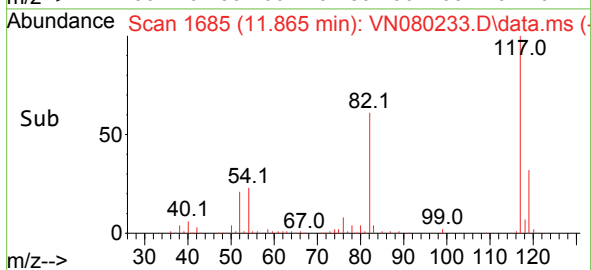
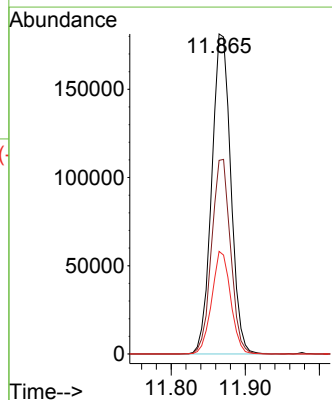
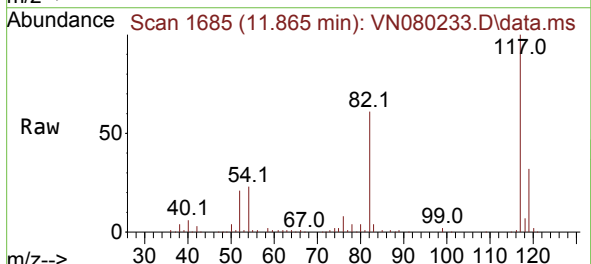
Instrument :
MSVOA_N
ClientSampleId :

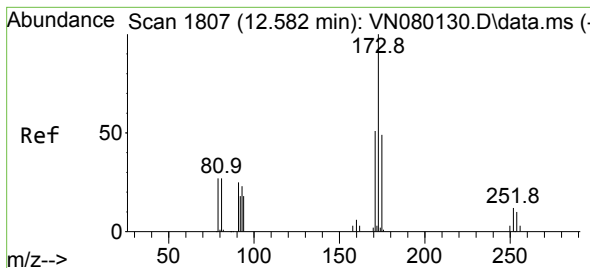
Tgt Ion: 95 Resp: 160133
Ion Ratio Lower Upper
95 100
174 77.3 0.0 143.8
176 74.9 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN080233.D
Acq: 21 Nov 2023 15:40

Tgt Ion: 117 Resp: 324205
Ion Ratio Lower Upper
117 100
82 60.5 44.0 66.0
119 32.1 25.6 38.4





#71

Bromoform

Concen: 0.311 ug/l

RT: 12.847 min Scan# 11

Delta R.T. 0.265 min

Lab File: VN080233.D

Acq: 21 Nov 2023 15:40

Instrument :

MSVOA_N

ClientSampleId :

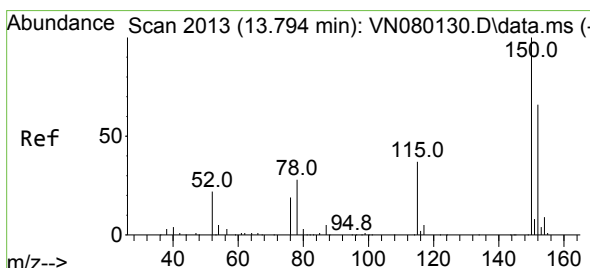
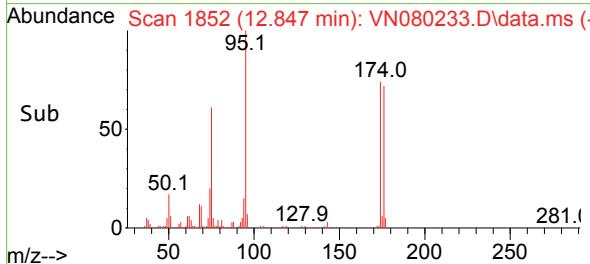
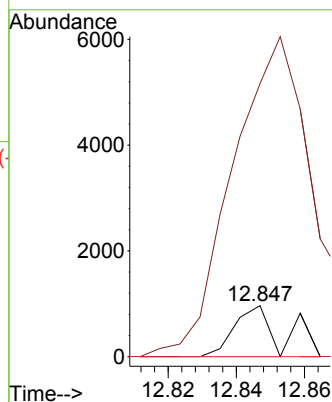
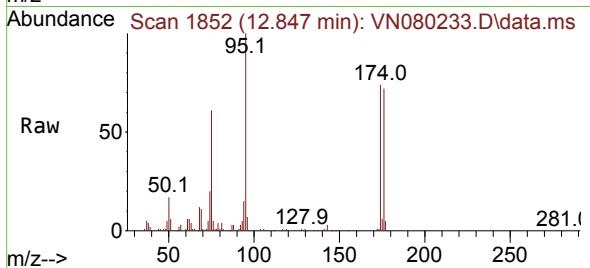
Tgt Ion:173 Resp: 657

Ion Ratio Lower Upper

173 100

175 1284.3 24.3 73.0#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN080233.D

Acq: 21 Nov 2023 15:40

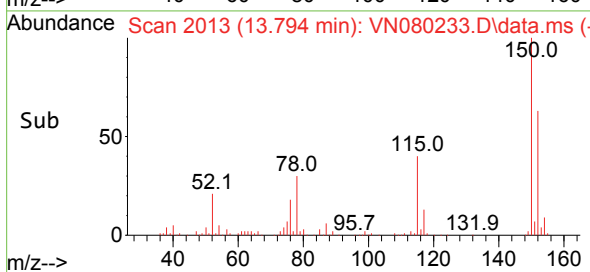
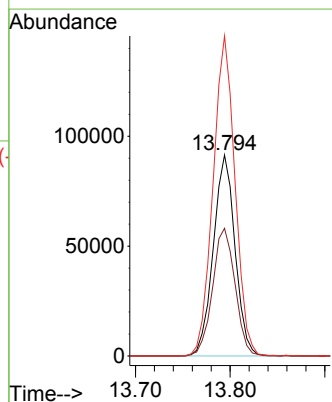
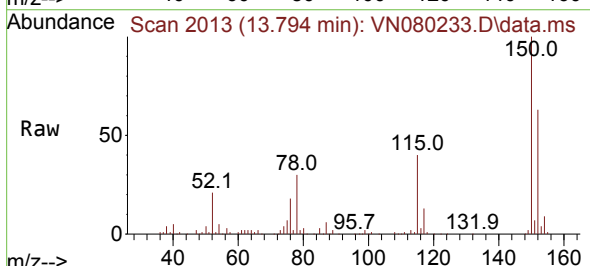
Tgt Ion:152 Resp: 145795

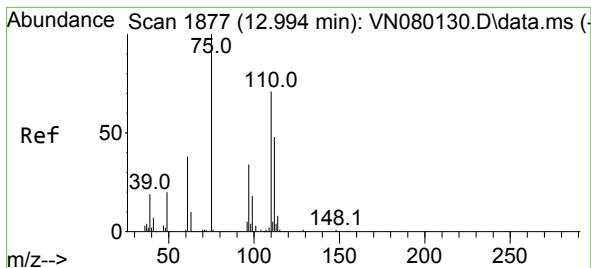
Ion Ratio Lower Upper

152 100

115 65.7 32.3 96.8

150 160.6 0.0 355.8





#76

1,2,3-Trichloropropane

Concen: 25.994 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN080233.D

Acq: 21 Nov 2023 15:40

Instrument :

MSVOA_N

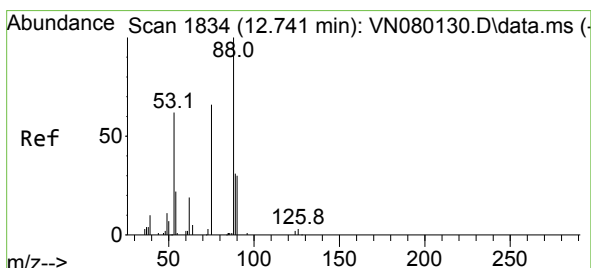
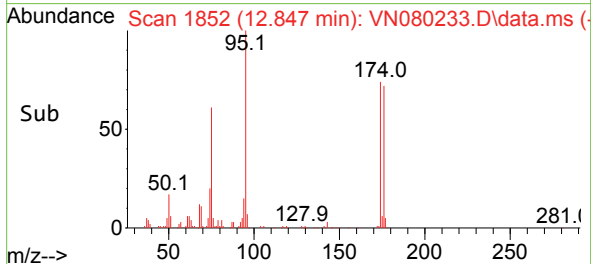
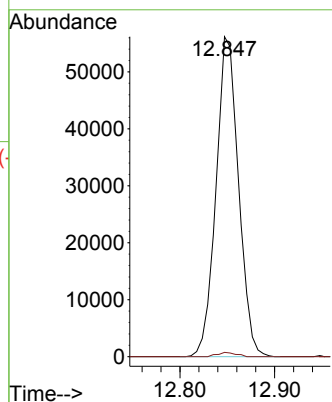
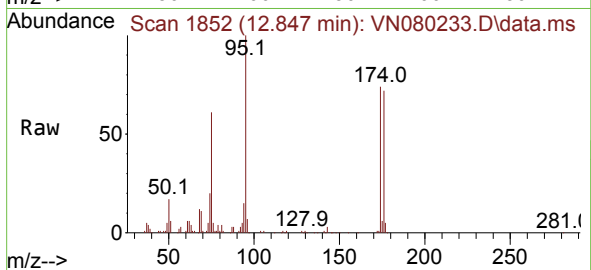
ClientSampleId :

Tgt Ion: 75 Resp: 92856

Ion Ratio Lower Upper

75 100

77 1.1 84.5 253.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 87.823 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.106 min

Lab File: VN080233.D

Acq: 21 Nov 2023 15:40

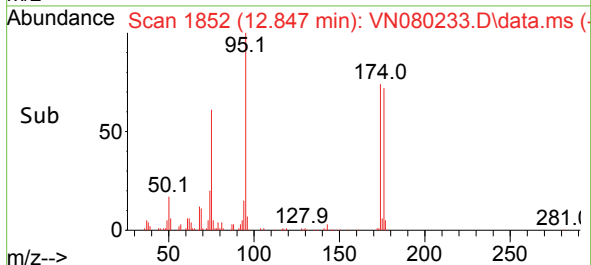
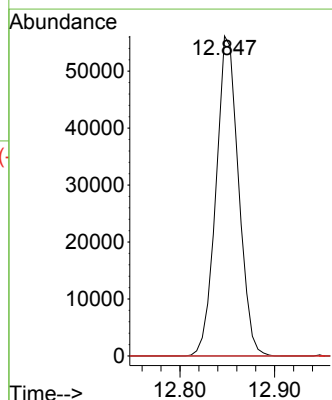
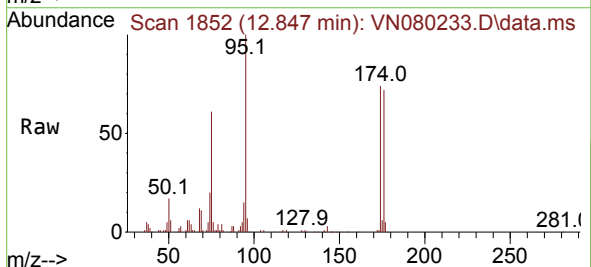
Tgt Ion: 75 Resp: 92856

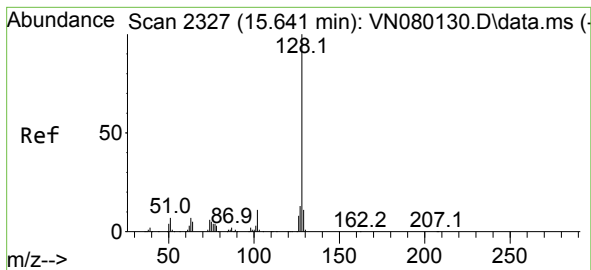
Ion Ratio Lower Upper

75 100

53 0.0 67.4 101.2#

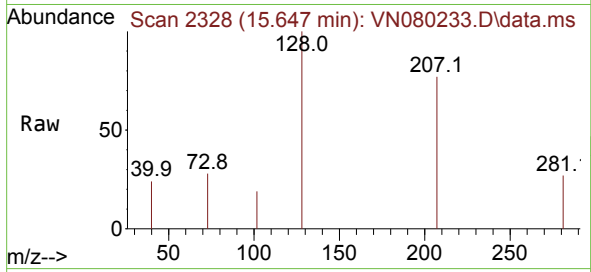
89 0.0 38.8 58.2#





#95
Naphthalene
Concen: 0.212 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN080233.D
Acq: 21 Nov 2023 15:40

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 1757
Ion Ratio Lower Upper
128 100
127 3.9 10.0 15.0#
129 0.0 8.7 13.1#

