

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112023\
 Data File : VN080199.D
 Acq On : 20 Nov 2023 11:38
 Operator : JC\MD
 Sample : VN1120WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 21 01:01:06 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)

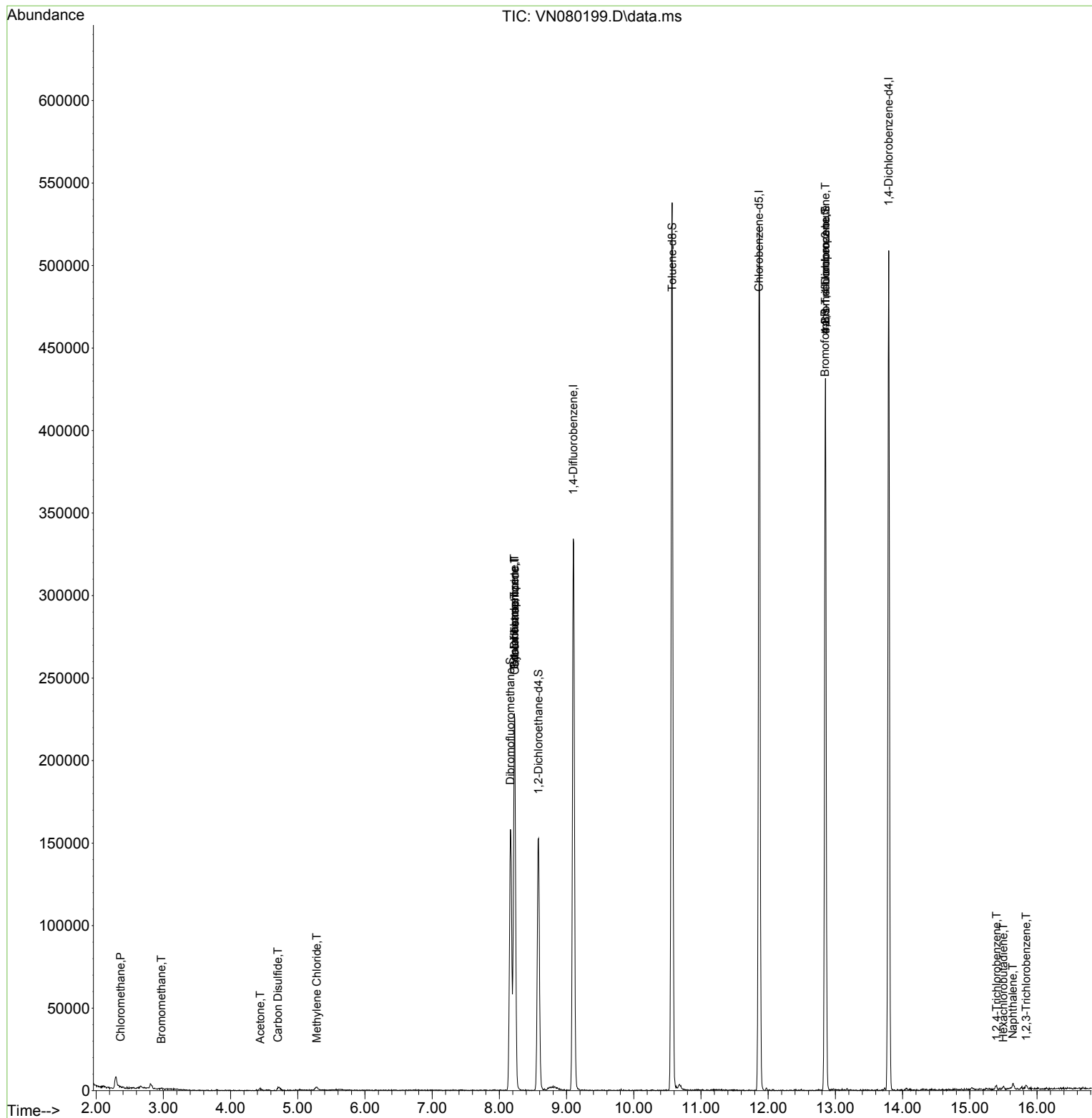
Internal Standards						
1) Pentafluorobenzene	8.224	168	156510	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	277374	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	297033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	133290	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	145534	56.316	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 112.640%		
35) Dibromofluoromethane	8.165	113	110121	53.805	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 107.620%		
50) Toluene-d8	10.570	98	372379	50.473	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 100.940%		
62) 4-Bromofluorobenzene	12.853	95	146461	52.557	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 105.120%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	684	0.390	ug/l #	42
5) Bromomethane	2.971	94	297	0.236	ug/l	93
6) Chloroethane	3.124	64	580	Below Cal	#	43
16) Acetone	4.441	43	1175	1.354	ug/l #	82
17) Carbon Disulfide	4.706	76	1042	0.211	ug/l #	75
20) Methylene Chloride	5.283	84	1784	0.981	ug/l #	64
31) Cyclohexane	8.224	56	3593	1.278	ug/l #	3
36) 1,1-Dichloropropene	8.224	75	13859	4.677	ug/l #	41
38) Carbon Tetrachloride	8.229	117	19173	5.099	ug/l #	15
71) Bromoform	12.847	173	681	0.352	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	83876	25.683	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	83876	86.772	ug/l #	15
93) 1,2,4-Trichlorobenzene	15.400	180	1070	0.409	ug/l	95
94) Hexachlorobutadiene	15.500	225	633	0.420	ug/l #	61
95) Naphthalene	15.641	128	4335	0.571	ug/l	95
96) 1,2,3-Trichlorobenzene	15.841	180	986	0.402	ug/l #	75

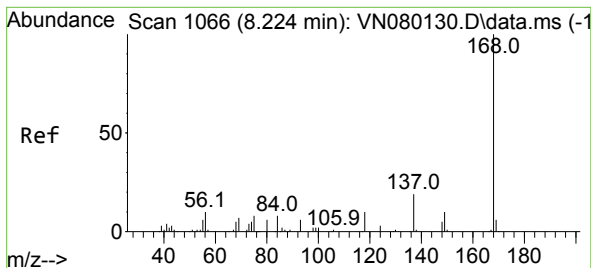
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_N
ClientSampleId :

Quant Time: Nov 21 01:01:06 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN080199.D

Acq: 20 Nov 2023 11:38

Instrument :

MSVOA_N

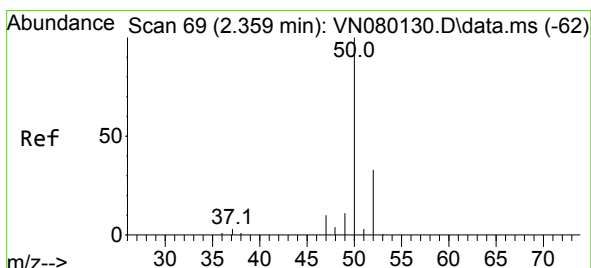
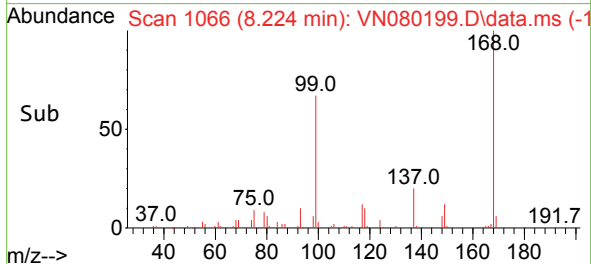
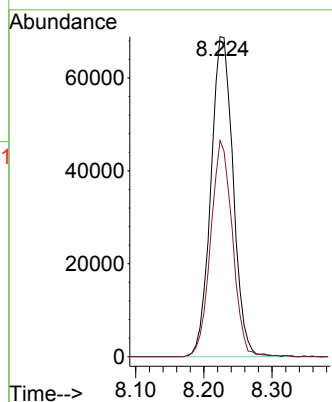
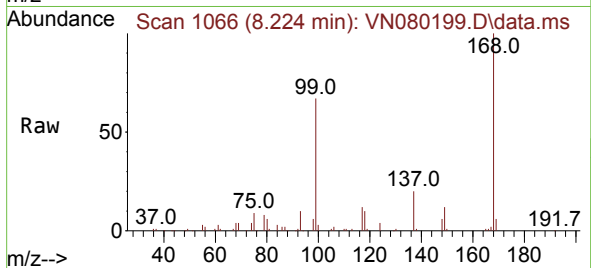
ClientSampleId :

Tgt Ion:168 Resp: 156510

Ion Ratio Lower Upper

168 100

99 67.5 53.0 79.6



#3

Chloromethane

Concen: 0.390 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN080199.D

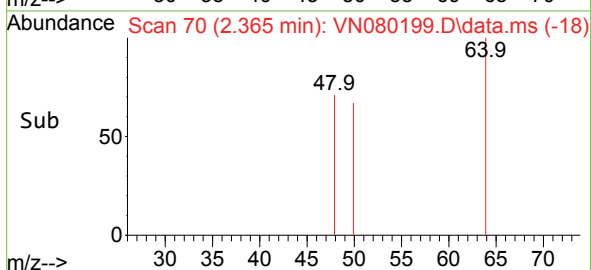
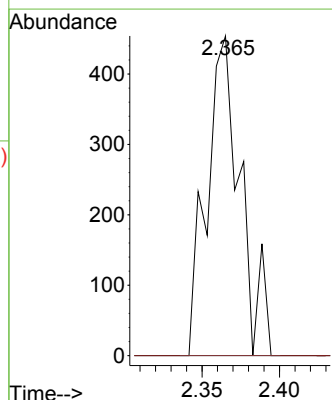
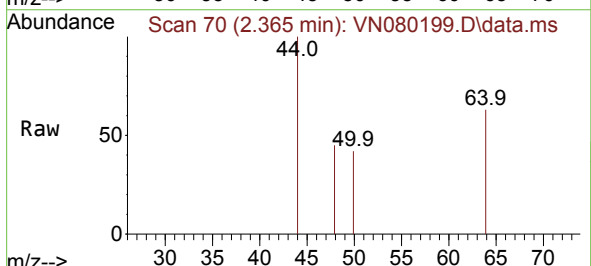
Acq: 20 Nov 2023 11:38

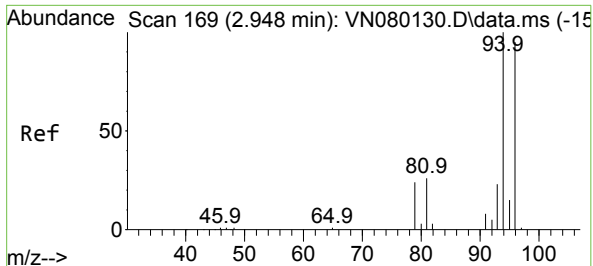
Tgt Ion: 50 Resp: 684

Ion Ratio Lower Upper

50 100

52 0.0 26.5 39.7#





#5

Bromomethane

Concen: 0.236 ug/l

RT: 2.971 min Scan# 1

Delta R.T. 0.023 min

Lab File: VN080199.D

Acq: 20 Nov 2023 11:38

Instrument :

MSVOA_N

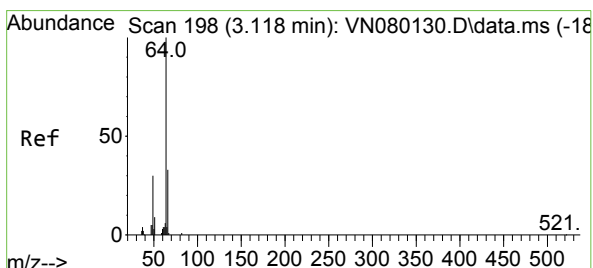
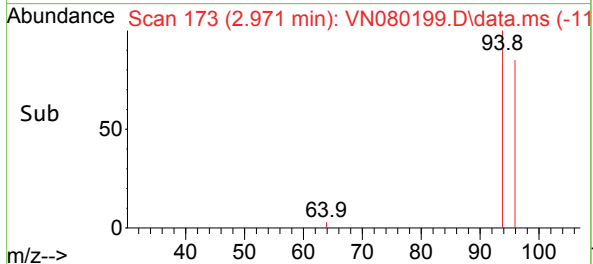
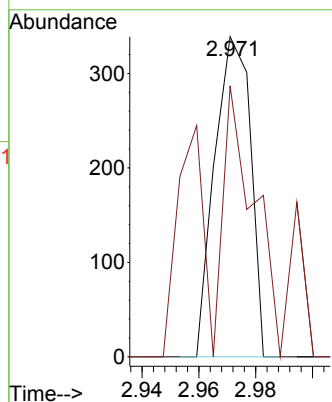
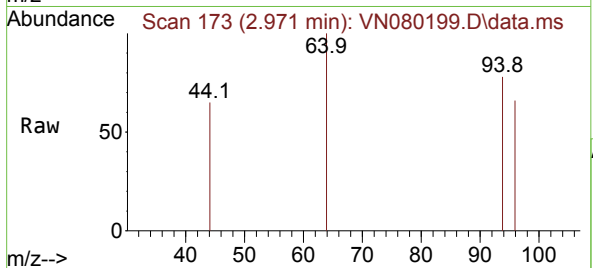
ClientSampleId :

Tgt Ion: 94 Resp: 297

Ion Ratio Lower Upper

94 100

96 84.7 73.1 109.7



#6

Chloroethane

Concen: Below Cal

RT: 3.124 min Scan# 199

Delta R.T. 0.006 min

Lab File: VN080199.D

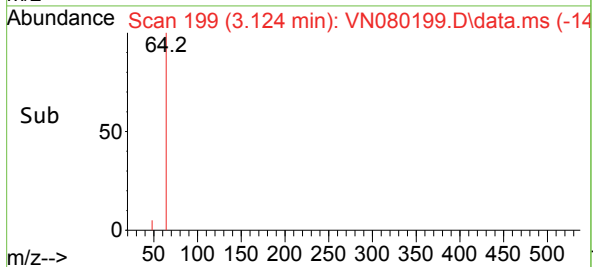
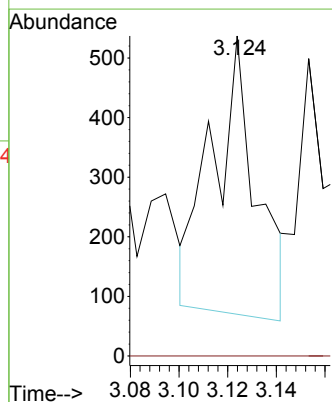
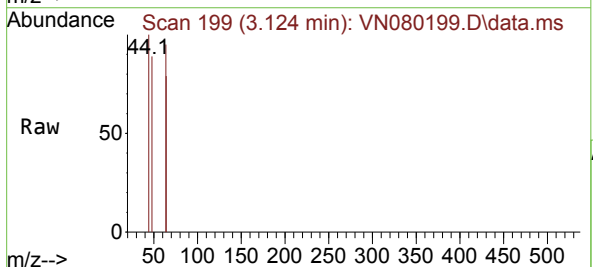
Acq: 20 Nov 2023 11:38

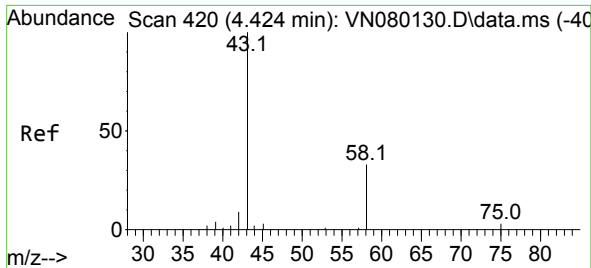
Tgt Ion: 64 Resp: 580

Ion Ratio Lower Upper

64 100

66 0.0 25.4 38.2#

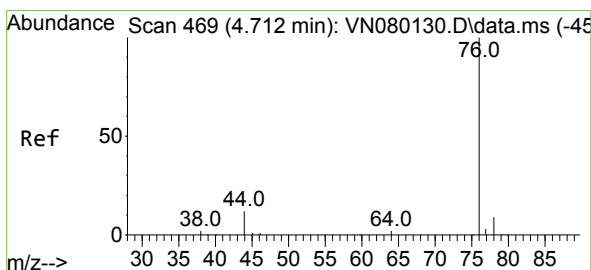
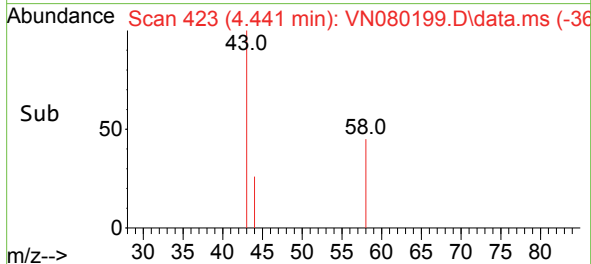
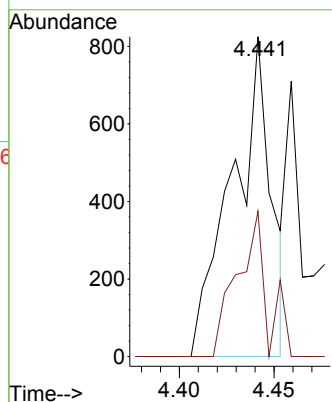
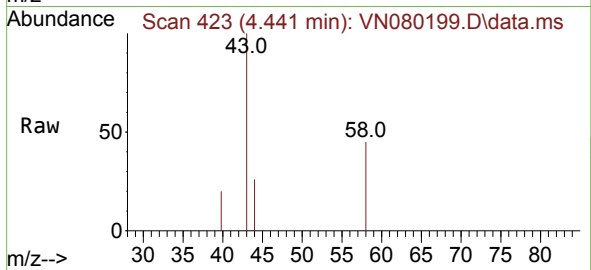




#16
Acetone
Concen: 1.354 ug/l
RT: 4.441 min Scan# 41
Delta R.T. 0.017 min
Lab File: VN080199.D
Acq: 20 Nov 2023 11:38

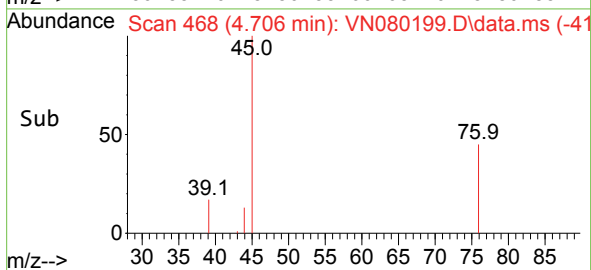
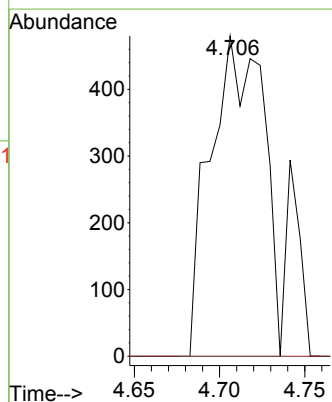
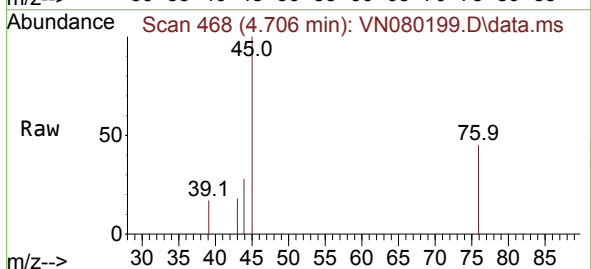
Instrument :
MSVOA_N
ClientSampleId :

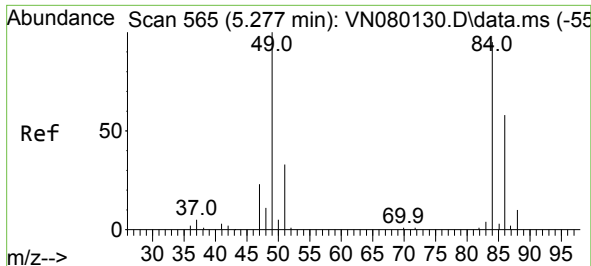
Tgt Ion: 43 Resp: 1175
Ion Ratio Lower Upper
43 100
58 45.5 28.0 42.0#



#17
Carbon Disulfide
Concen: 0.211 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN080199.D
Acq: 20 Nov 2023 11:38

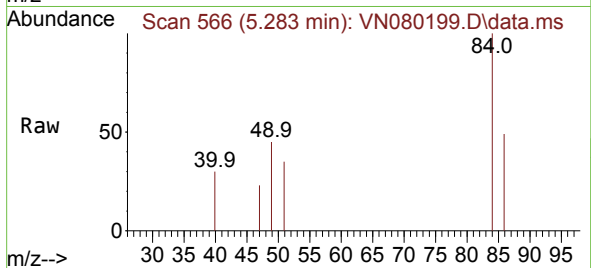
Tgt Ion: 76 Resp: 1042
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



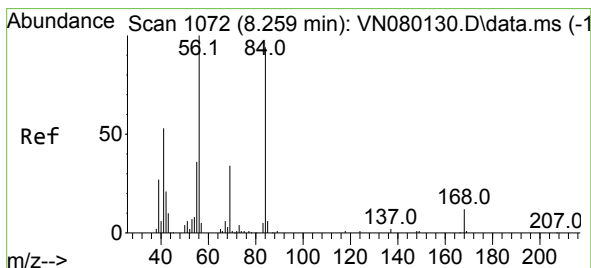
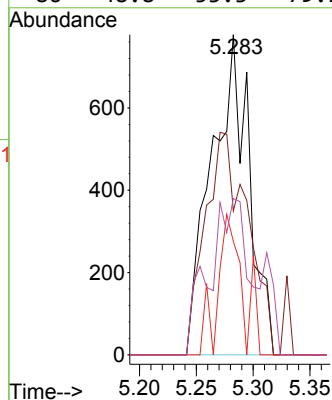


#20
Methylene Chloride
Concen: 0.981 ug/l
RT: 5.283 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN080199.D
Acq: 20 Nov 2023 11:38

Instrument :
MSVOA_N
ClientSampleId :

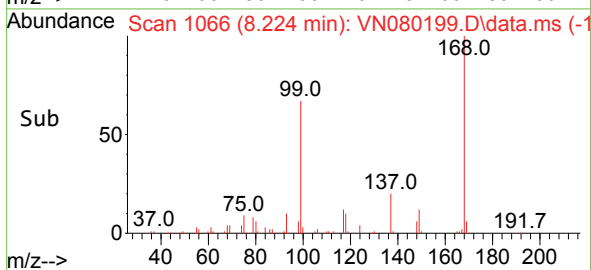
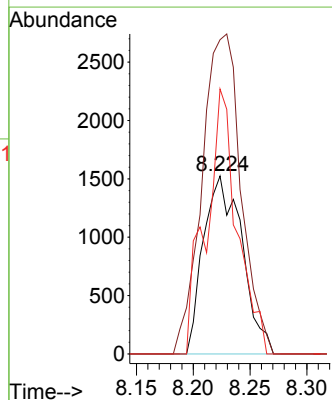
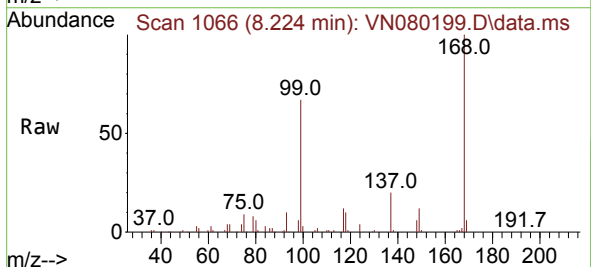


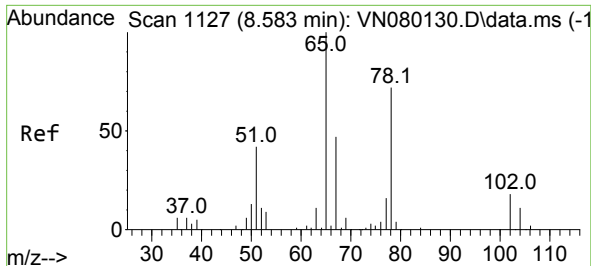
Tgt Ion: 84	Resp: 1784
Ion Ratio	Lower Upper
84	100
49	45.0 79.7 119.5#
51	35.5 25.2 37.8
86	48.8 53.3 79.9#



#31
Cyclohexane
Concen: 1.278 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.036 min
Lab File: VN080199.D
Acq: 20 Nov 2023 11:38

Tgt Ion: 56	Resp: 3593
Ion Ratio	Lower Upper
56	100
69	176.6 26.8 40.2#
84	149.0 81.8 122.6#





#33

1,2-Dichloroethane-d4

Concen: 56.316 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN080199.D

Acq: 20 Nov 2023 11:38

Instrument :

MSVOA_N

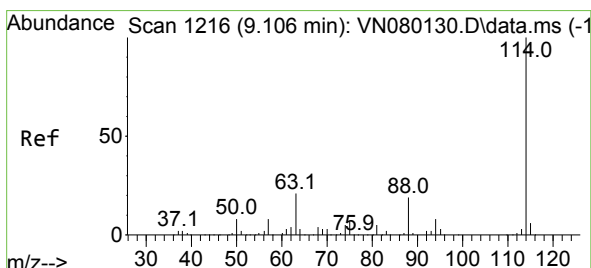
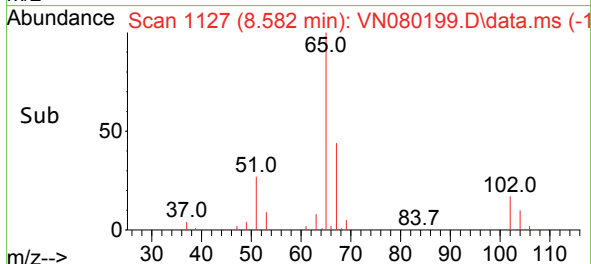
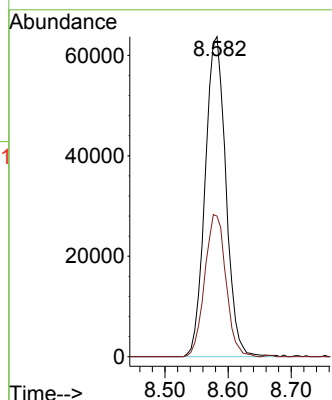
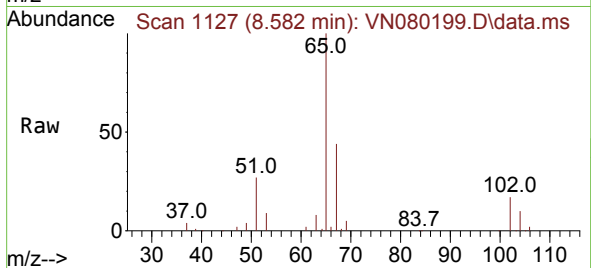
ClientSampleId :

Tgt Ion: 65 Resp: 145534

Ion Ratio Lower Upper

65 100

67 45.3 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN080199.D

Acq: 20 Nov 2023 11:38

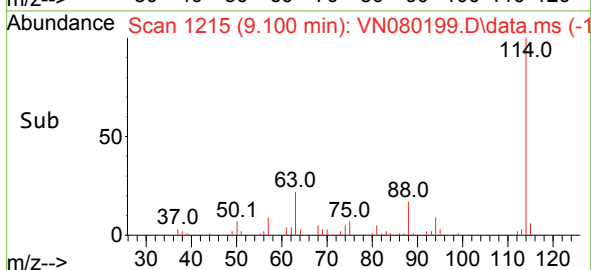
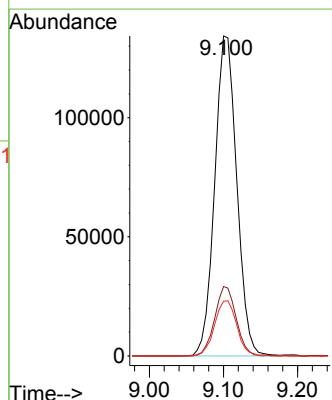
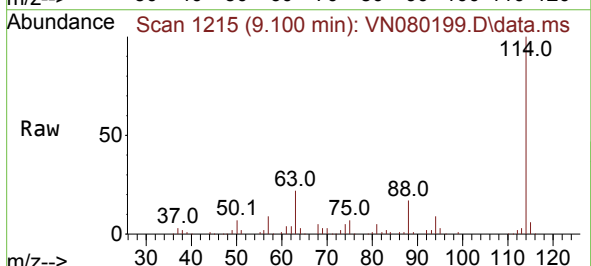
Tgt Ion: 114 Resp: 277374

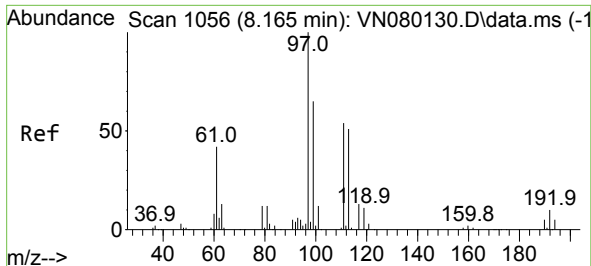
Ion Ratio Lower Upper

114 100

63 21.7 0.0 36.4

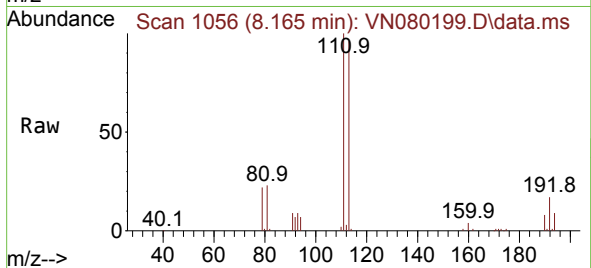
88 17.1 0.0 30.6



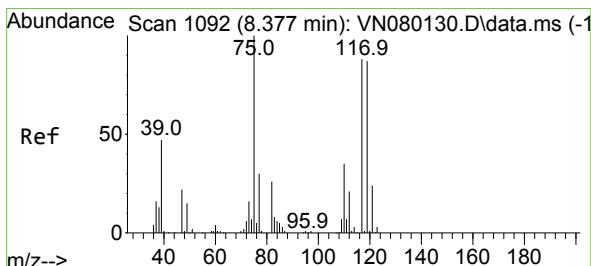
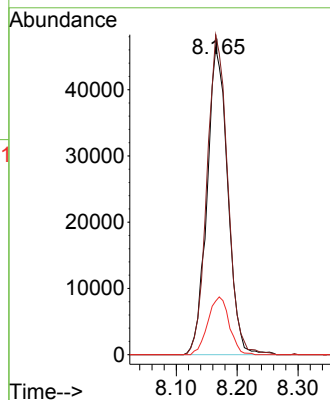
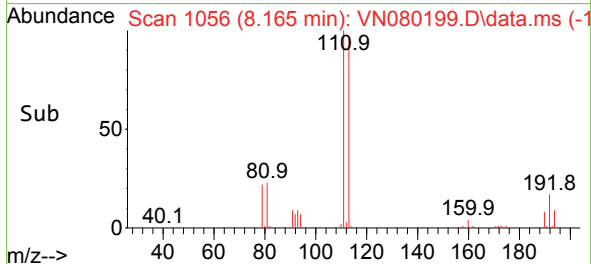


#35
Dibromofluoromethane
Concen: 53.805 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN080199.D
Acq: 20 Nov 2023 11:38

Instrument :
MSVOA_N
ClientSampleId :

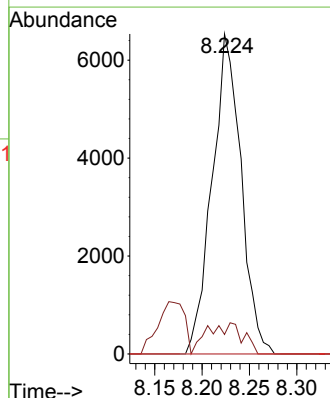
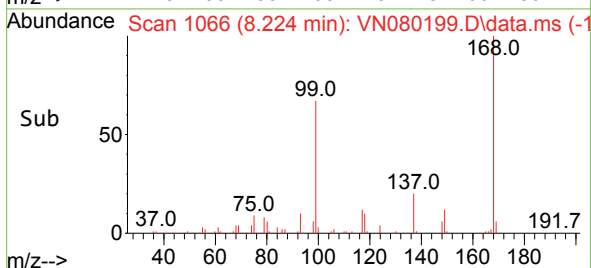
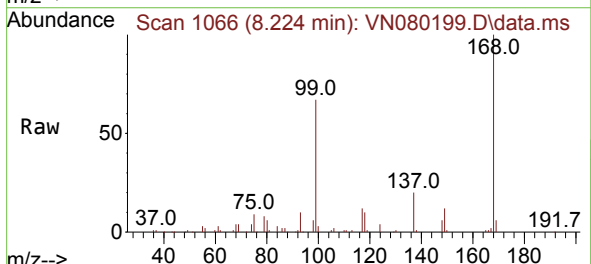


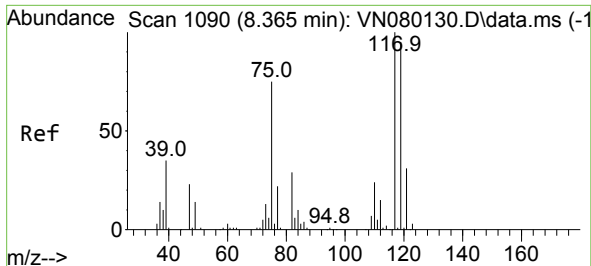
Tgt Ion:113 Resp: 110121
Ion Ratio Lower Upper
113 100
111 103.9 82.6 123.8
192 19.3 12.7 19.1#



#36
1,1-Dichloropropene
Concen: 4.677 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN080199.D
Acq: 20 Nov 2023 11:38

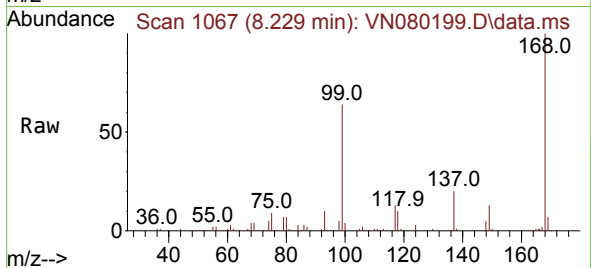
Tgt Ion: 75 Resp: 13859
Ion Ratio Lower Upper
75 100
110 1.6 19.1 57.3#
77 0.0 25.0 37.4#



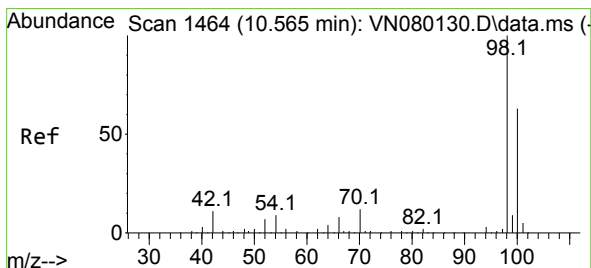
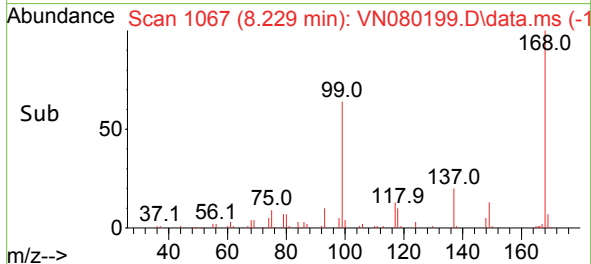
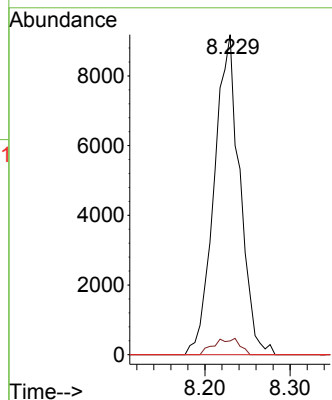


#38
Carbon Tetrachloride
Concen: 5.099 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.136 min
Lab File: VN080199.D
Acq: 20 Nov 2023 11:38

Instrument :
MSVOA_N
ClientSampleId :

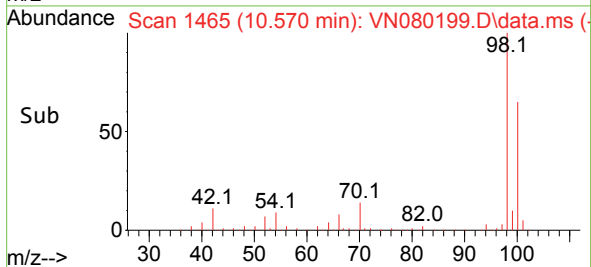
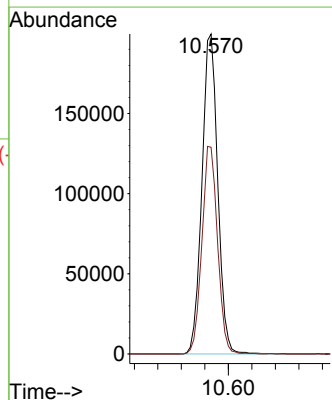
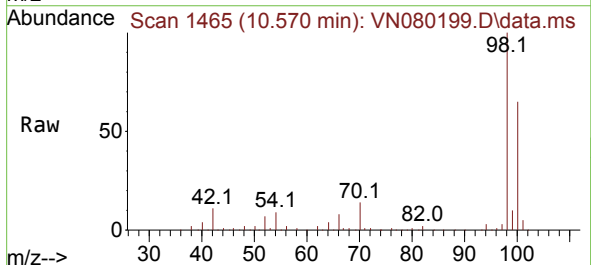


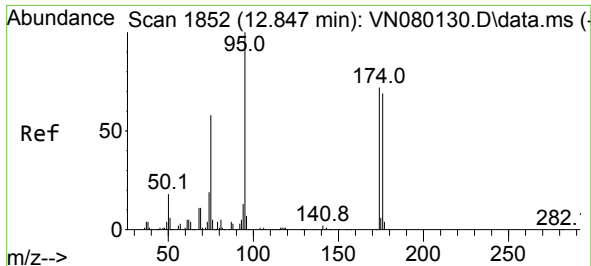
Tgt Ion:117 Resp: 19173
Ion Ratio Lower Upper
117 100
119 4.3 77.3 115.9#
121 0.0 23.3 34.9#



#50
Toluene-d8
Concen: 50.473 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080199.D
Acq: 20 Nov 2023 11:38

Tgt Ion: 98 Resp: 372379
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0

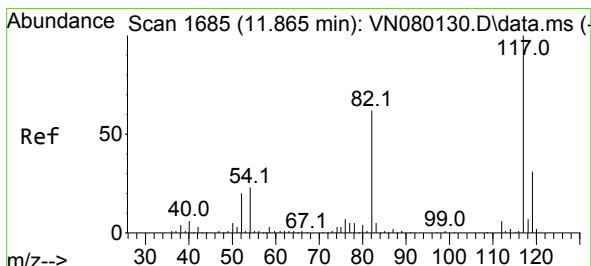
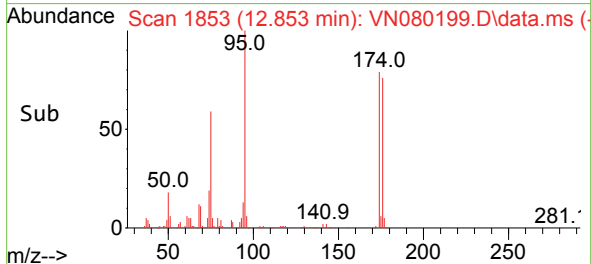
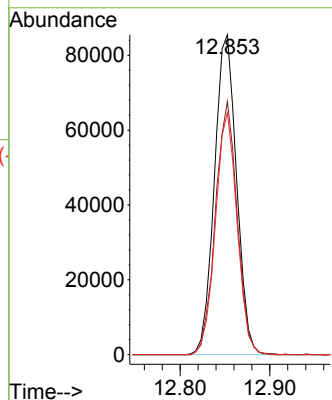
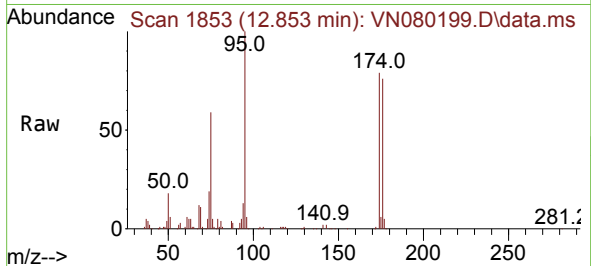




#62
4-Bromofluorobenzene
Concen: 52.557 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080199.D
Acq: 20 Nov 2023 11:38

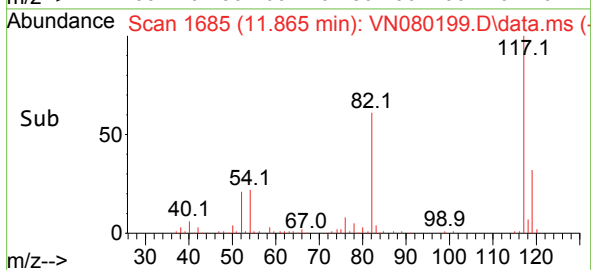
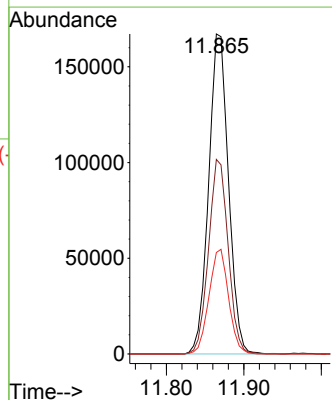
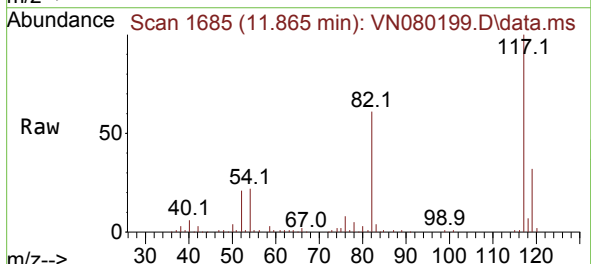
Instrument :
MSVOA_N
ClientSampleId :

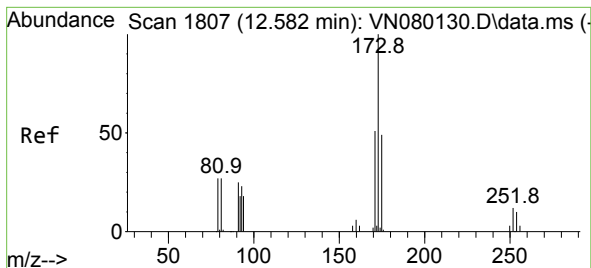
Tgt Ion: 95 Resp: 146461
Ion Ratio Lower Upper
95 100
174 77.8 0.0 143.8
176 73.7 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN080199.D
Acq: 20 Nov 2023 11:38

Tgt Ion: 117 Resp: 297033
Ion Ratio Lower Upper
117 100
82 60.8 44.0 66.0
119 31.7 25.6 38.4





#71

Bromoform

Concen: 0.352 ug/l

RT: 12.847 min Scan# 11

Delta R.T. 0.264 min

Lab File: VN080199.D

Acq: 20 Nov 2023 11:38

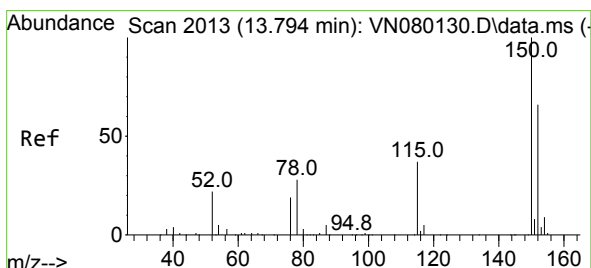
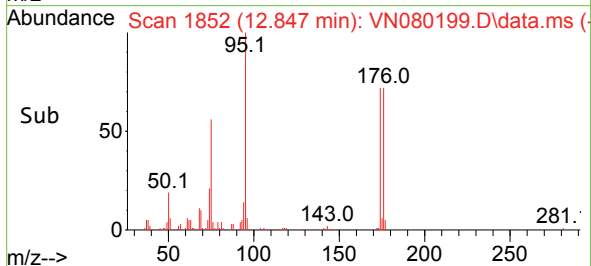
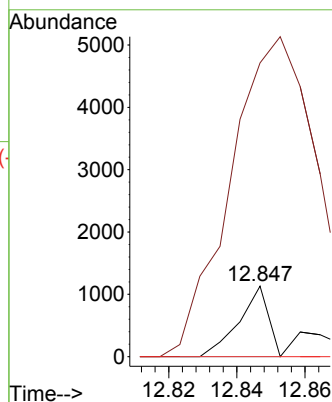
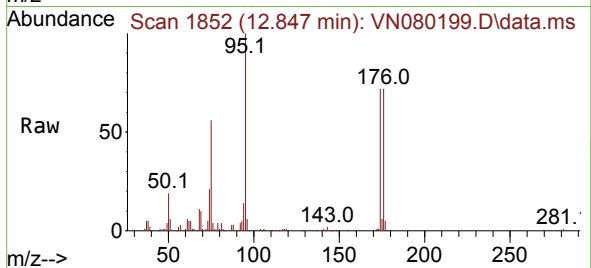
Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:173 Resp: 681

Ion	Ratio	Lower	Upper
173	100		
175	1101.0	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

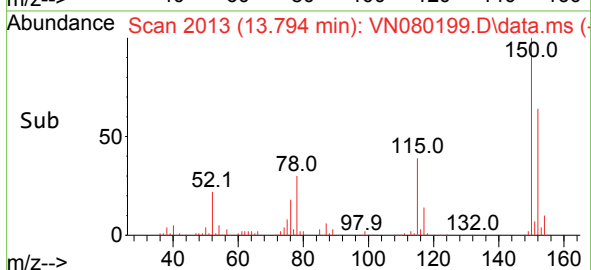
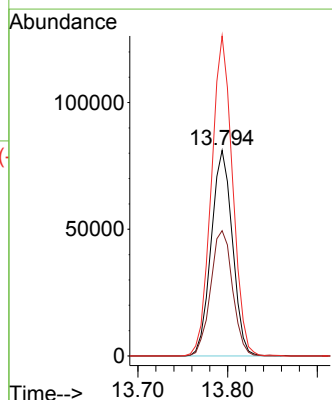
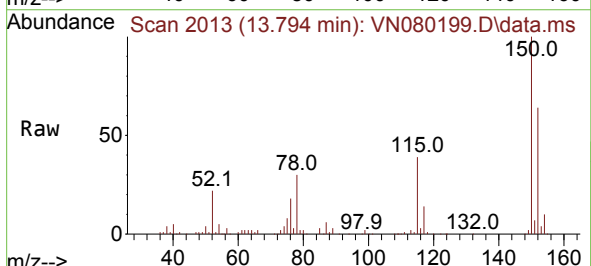
Delta R.T. -0.000 min

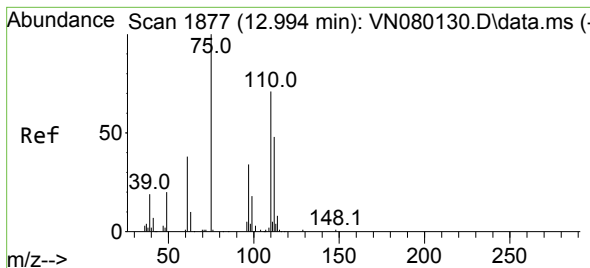
Lab File: VN080199.D

Acq: 20 Nov 2023 11:38

Tgt Ion:152 Resp: 133290

Ion	Ratio	Lower	Upper
152	100		
115	62.9	32.3	96.8
150	155.5	0.0	355.8





#76

1,2,3-Trichloropropane

Concen: 25.683 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN080199.D

Acq: 20 Nov 2023 11:38

Instrument :

MSVOA_N

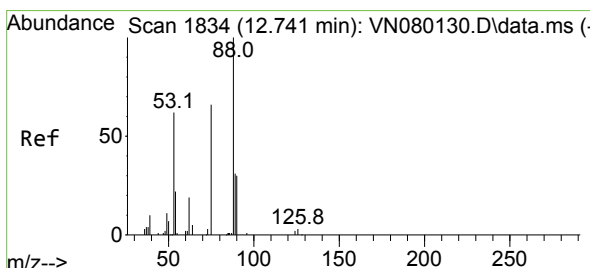
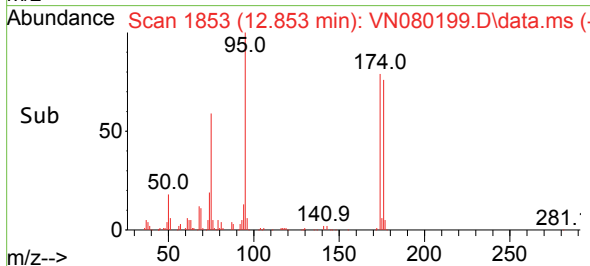
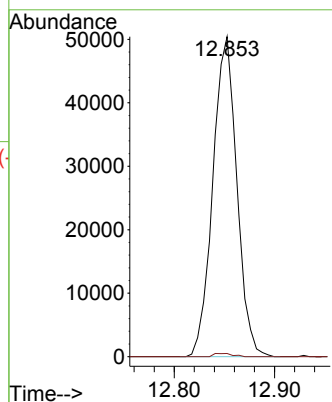
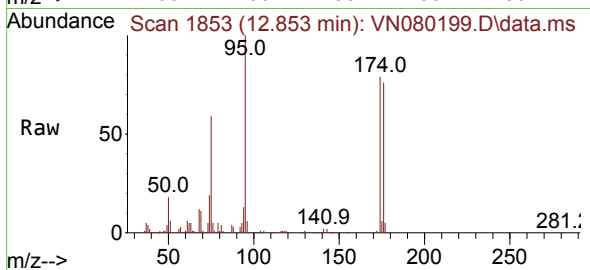
ClientSampleId :

Tgt Ion: 75 Resp: 83876

Ion Ratio Lower Upper

75 100

77 0.8 84.5 253.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 86.772 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN080199.D

Acq: 20 Nov 2023 11:38

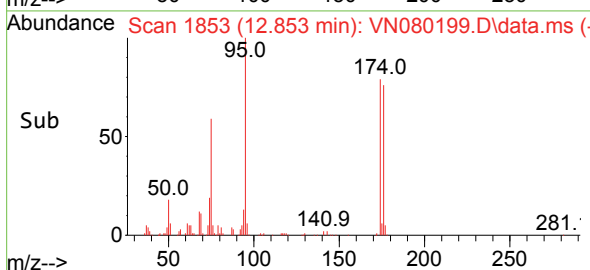
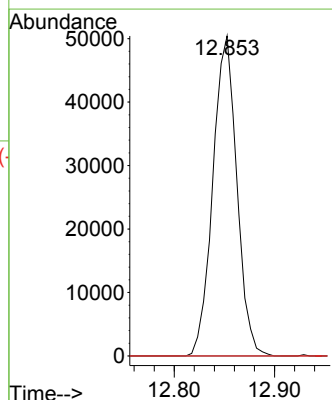
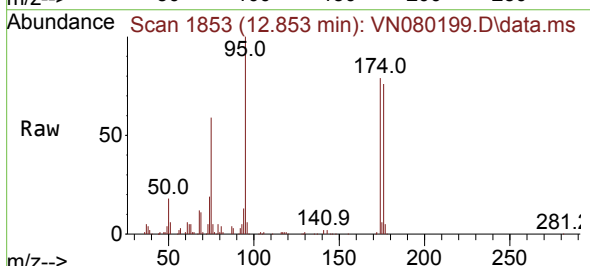
Tgt Ion: 75 Resp: 83876

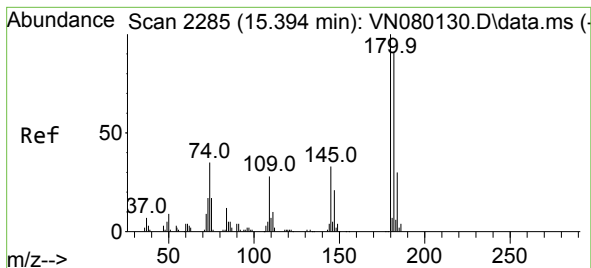
Ion Ratio Lower Upper

75 100

53 0.0 67.4 101.2#

89 0.0 38.8 58.2#





#93

1,2,4-Trichlorobenzene

Concen: 0.409 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.006 min

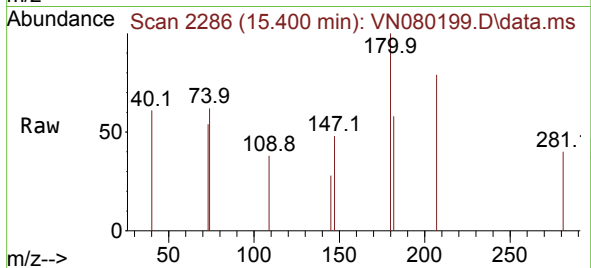
Lab File: VN080199.D

Acq: 20 Nov 2023 11:38

Instrument :

MSVOA_N

ClientSampleId :



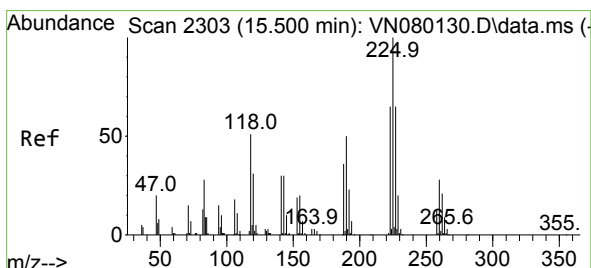
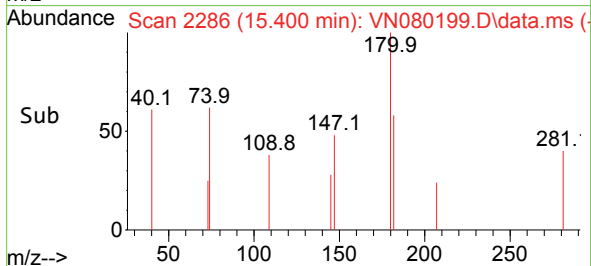
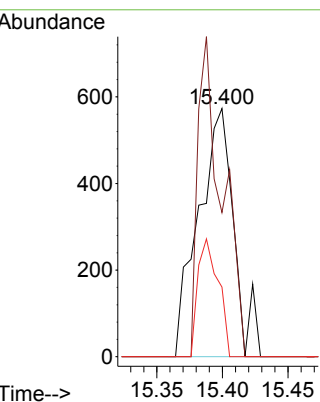
Tgt Ion:180 Resp: 1070

Ion Ratio Lower Upper

180 100

182 89.0 46.1 138.2

145 27.6 16.6 49.8



#94

Hexachlorobutadiene

Concen: 0.420 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN080199.D

Acq: 20 Nov 2023 11:38

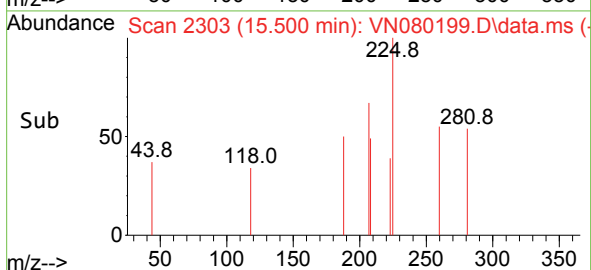
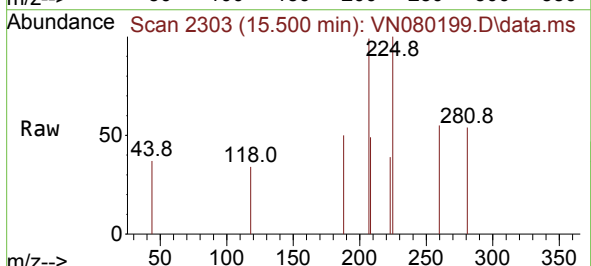
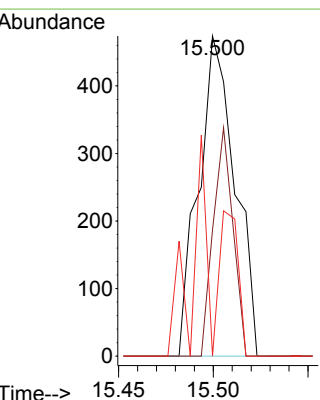
Tgt Ion:225 Resp: 633

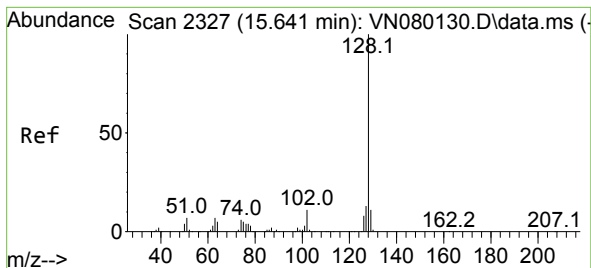
Ion Ratio Lower Upper

225 100

223 38.5 31.3 93.8

227 27.6 31.9 95.9#





#95

Naphthalene

Concen: 0.571 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

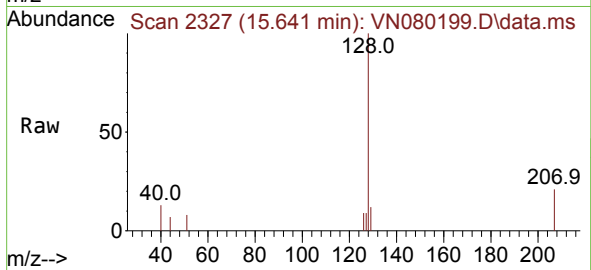
Lab File: VN080199.D

Acq: 20 Nov 2023 11:38

Instrument :

MSVOA_N

ClientSampleId :



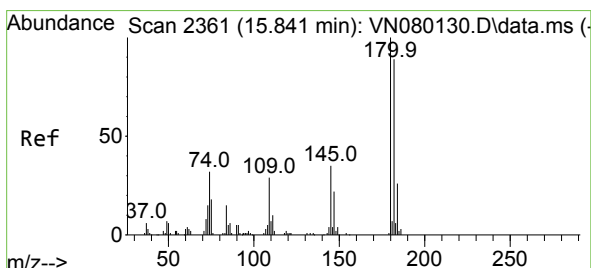
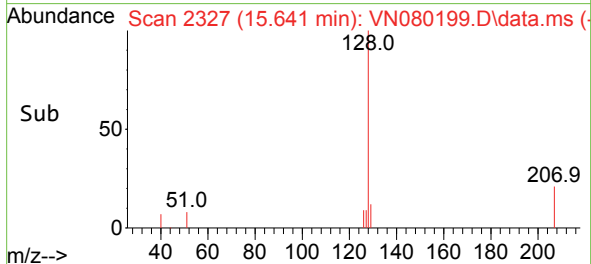
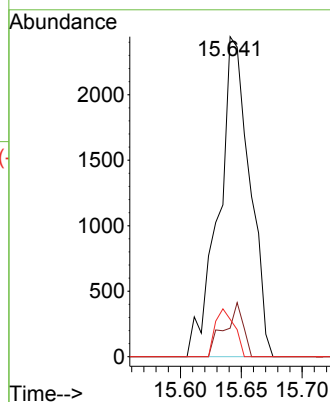
Tgt Ion:128 Resp: 4335

Ion Ratio Lower Upper

128 100

127 10.1 10.0 15.0

129 9.2 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 0.402 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN080199.D

Acq: 20 Nov 2023 11:38

Tgt Ion:180 Resp: 986

Ion Ratio Lower Upper

180 100

182 112.7 46.2 138.6

145 15.7 17.5 52.6#

