

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112223\
 Data File : VN080238.D
 Acq On : 22 Nov 2023 11:09
 Operator : JC\MD
 Sample : VN1122WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 23 00:15:48 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)

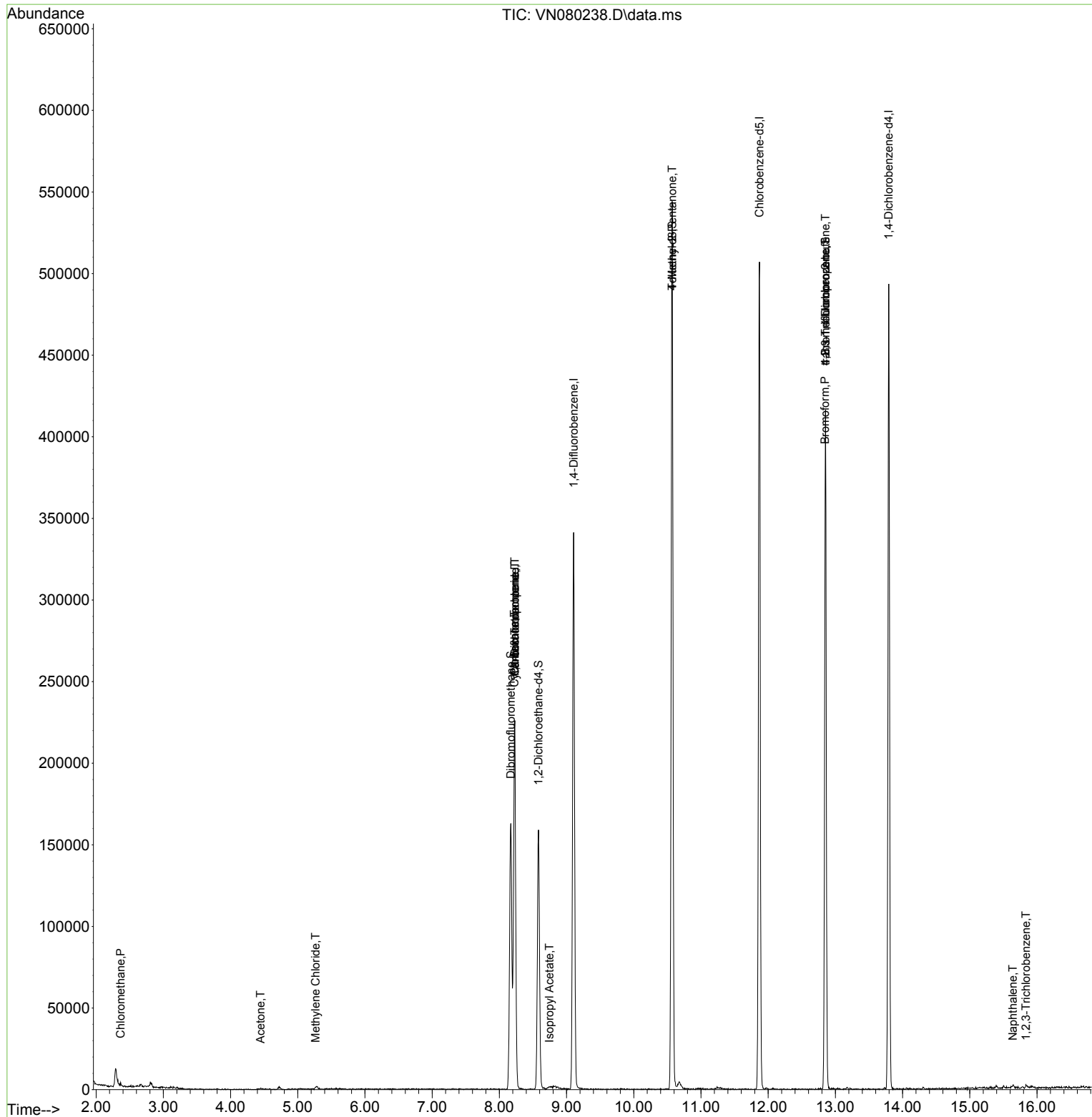
Internal Standards						
1) Pentafluorobenzene	8.230	168	153572	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	281247	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	297202	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	127802	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	145249	57.281	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.560%
35) Dibromofluoromethane	8.171	113	112054	53.996	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.000%
50) Toluene-d8	10.571	98	373655	49.949	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.900%
62) 4-Bromofluorobenzene	12.853	95	141471	50.067	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.140%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	563	0.327	ug/l	99
6) Chloroethane	3.130	64	470	Below Cal	#	43
16) Acetone	4.447	43	1387	1.629	ug/l #	72
20) Methylene Chloride	5.265	84	671	0.376	ug/l #	71
31) Cyclohexane	8.224	56	3226	1.170	ug/l #	52
36) 1,1-Dichloropropene	8.230	75	13216	4.399	ug/l #	43
38) Carbon Tetrachloride	8.230	117	18424	4.832	ug/l #	17
43) Isopropyl Acetate	8.747	43	1084	0.267	ug/l #	49
51) 4-Methyl-2-Pentanone	10.571	43	1345	0.641	ug/l #	1
71) Bromoform	12.847	173	469	0.242	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	80095	25.578	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	80095	86.418	ug/l #	15
95) Naphthalene	15.641	128	2781	0.382	ug/l #	86
96) 1,2,3-Trichlorobenzene	15.835	180	714	0.303	ug/l #	77

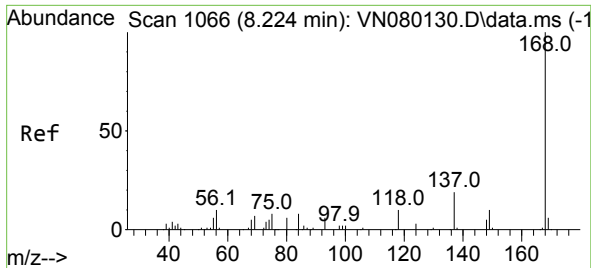
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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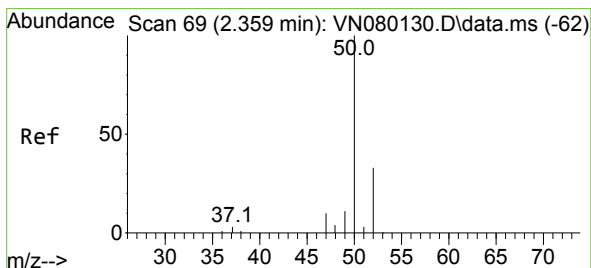
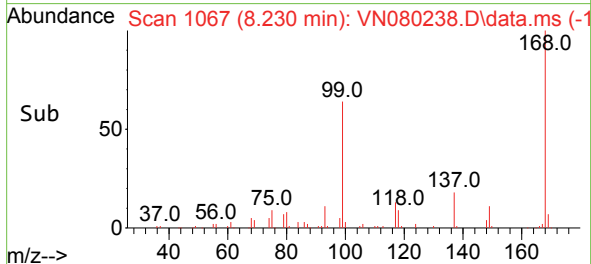
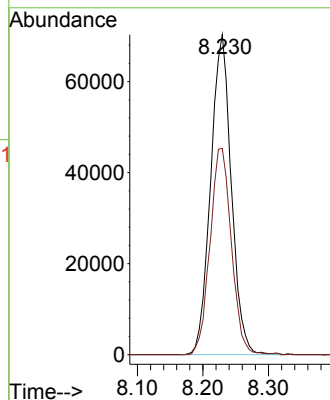
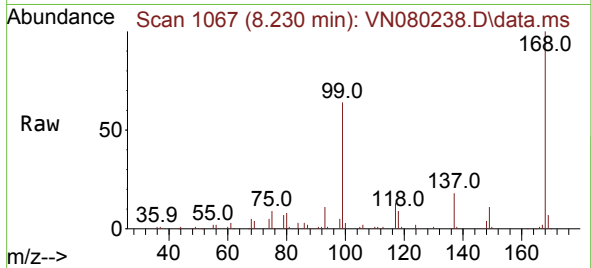




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN080238.D
Acq: 22 Nov 2023 11:09

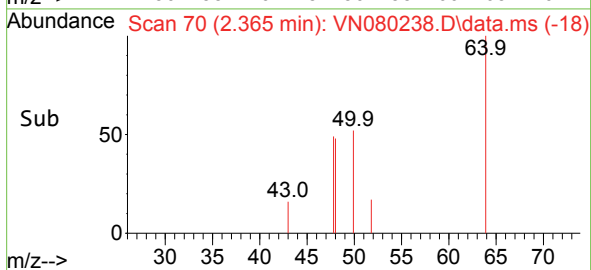
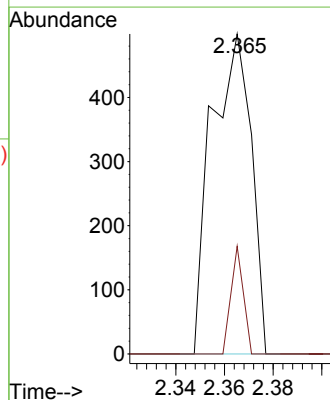
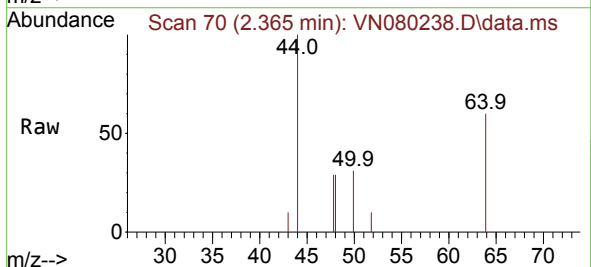
Instrument :
MSVOA_N
ClientSampleId :

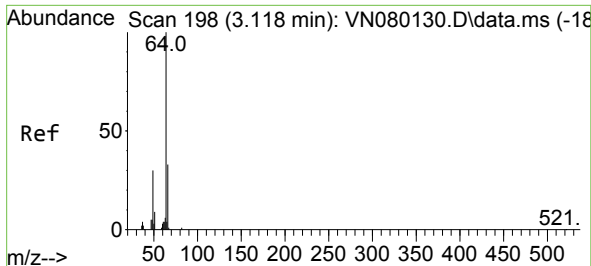
Tgt Ion:168 Resp: 153572
Ion Ratio Lower Upper
168 100
99 64.5 53.0 79.6



#3
Chloromethane
Concen: 0.327 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080238.D
Acq: 22 Nov 2023 11:09

Tgt Ion: 50 Resp: 563
Ion Ratio Lower Upper
50 100
52 33.7 26.5 39.7

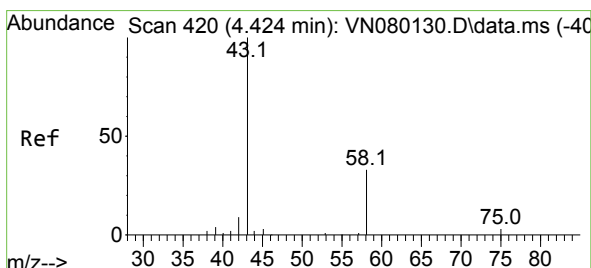
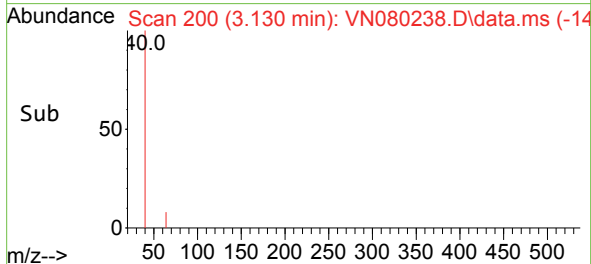
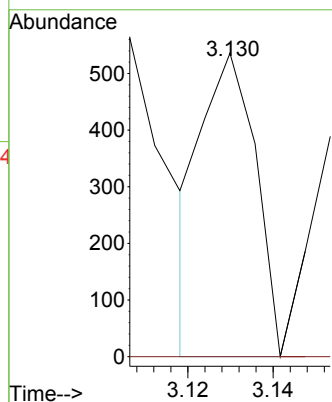
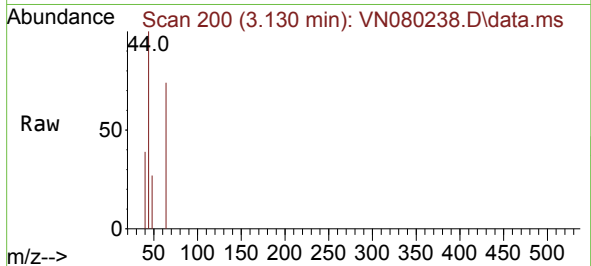




#6
Chloroethane
Concen: Below Cal
RT: 3.130 min Scan# 20
Delta R.T. 0.012 min
Lab File: VN080238.D
Acq: 22 Nov 2023 11:09

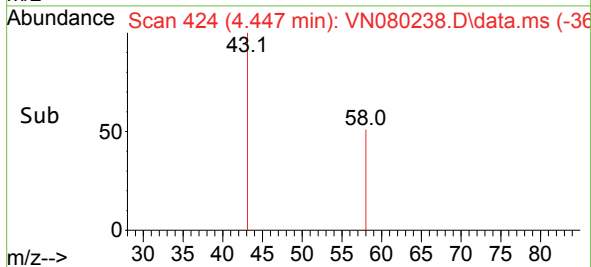
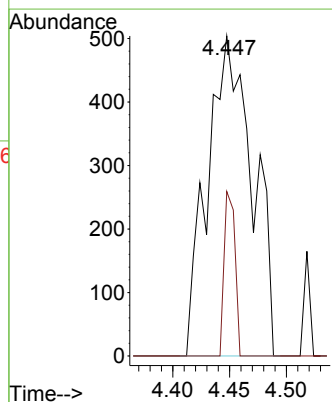
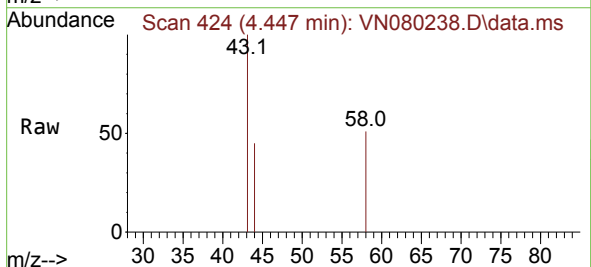
Instrument :
MSVOA_N
ClientSampleId :

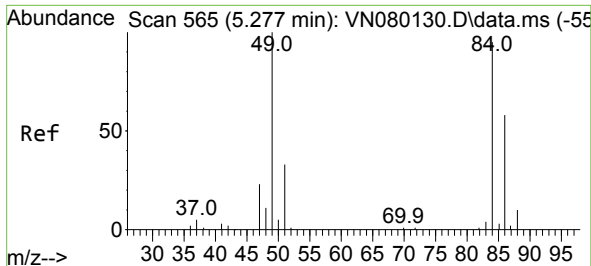
Tgt Ion: 64 Resp: 470
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#16
Acetone
Concen: 1.629 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.023 min
Lab File: VN080238.D
Acq: 22 Nov 2023 11:09

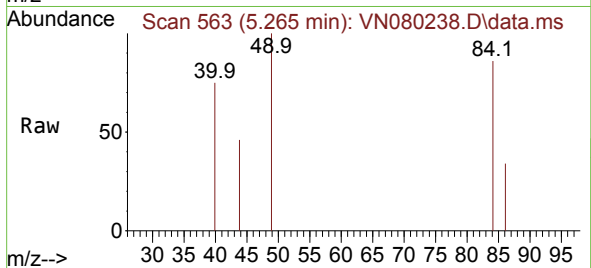
Tgt Ion: 43 Resp: 1387
Ion Ratio Lower Upper
43 100
58 51.4 28.0 42.0#





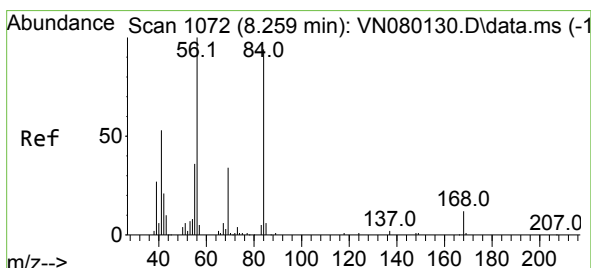
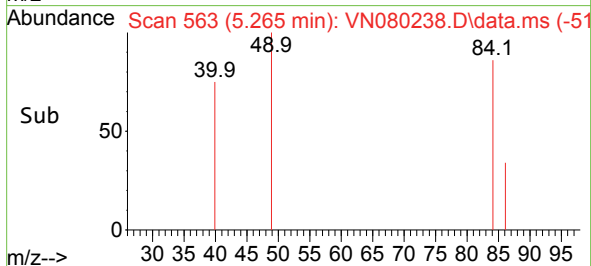
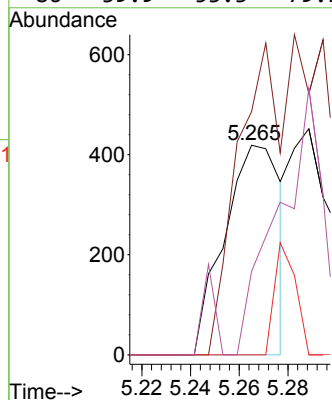
#20
Methylene Chloride
Concen: 0.376 ug/l
RT: 5.265 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN080238.D
Acq: 22 Nov 2023 11:09

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 671

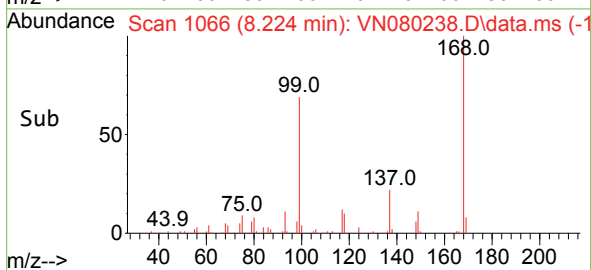
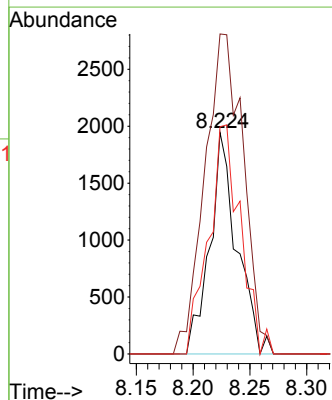
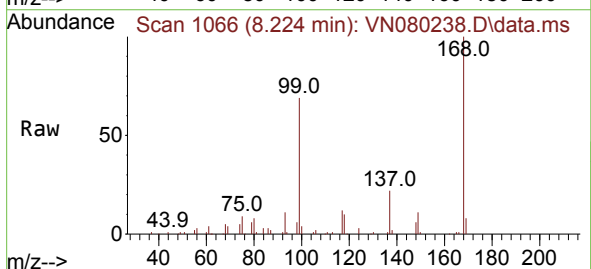
Ion	Ratio	Lower	Upper
84	100		
49	116.0	79.7	119.5
51	0.0	25.2	37.8#
86	39.9	53.3	79.9#

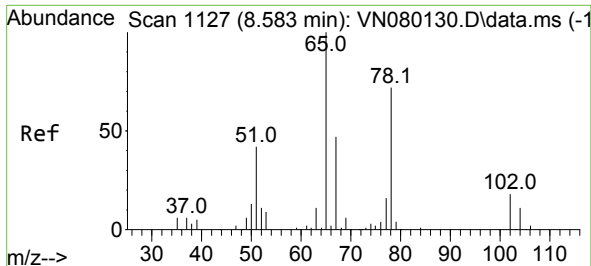


#31
Cyclohexane
Concen: 1.170 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN080238.D
Acq: 22 Nov 2023 11:09

Tgt Ion: 56 Resp: 3226

Ion	Ratio	Lower	Upper
56	100		
69	144.5	26.8	40.2#
84	102.6	81.8	122.6





#33

1,2-Dichloroethane-d4

Concen: 57.281 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN080238.D

Acq: 22 Nov 2023 11:09

Instrument :

MSVOA_N

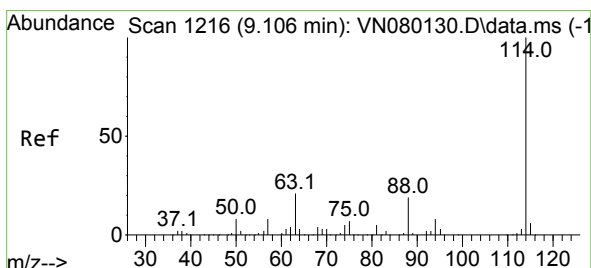
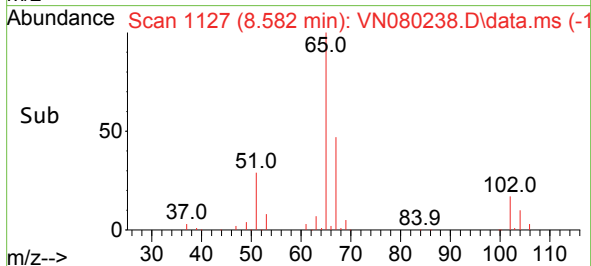
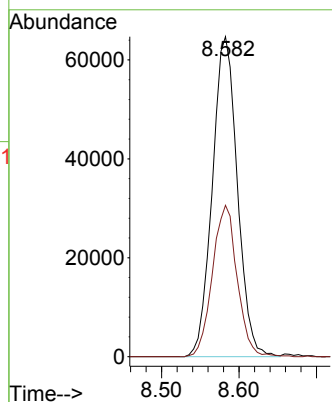
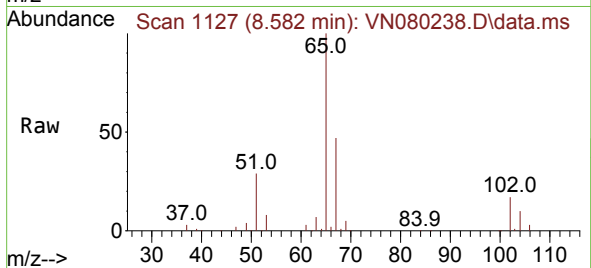
ClientSampleId :

Tgt Ion: 65 Resp: 145249

Ion Ratio Lower Upper

65 100

67 46.8 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: VN080238.D

Acq: 22 Nov 2023 11:09

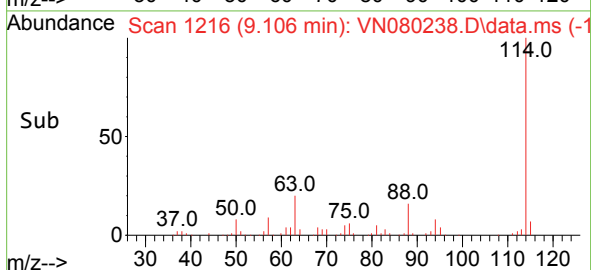
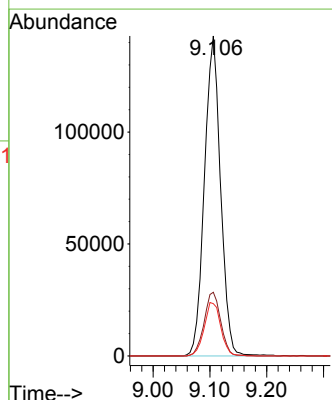
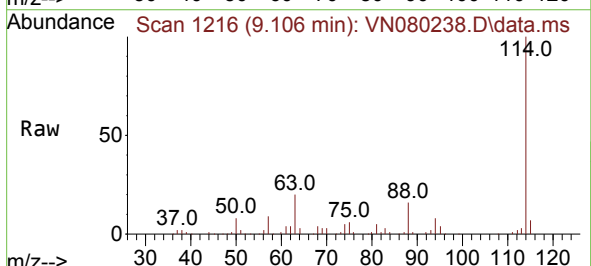
Tgt Ion:114 Resp: 281247

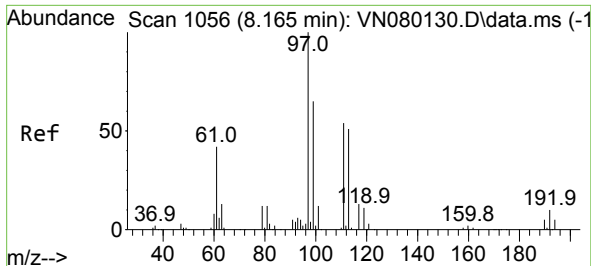
Ion Ratio Lower Upper

114 100

63 19.9 0.0 36.4

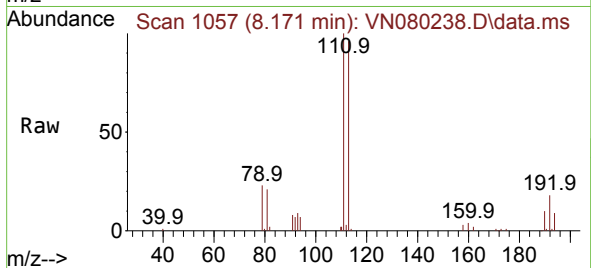
88 16.4 0.0 30.6



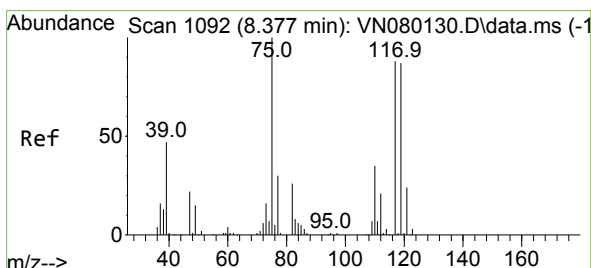
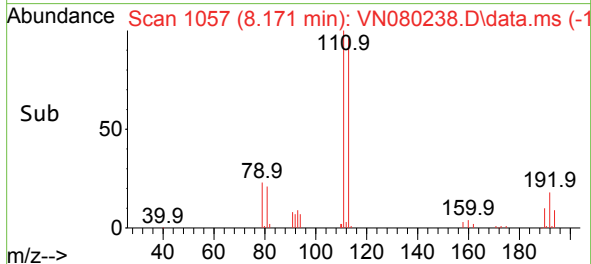
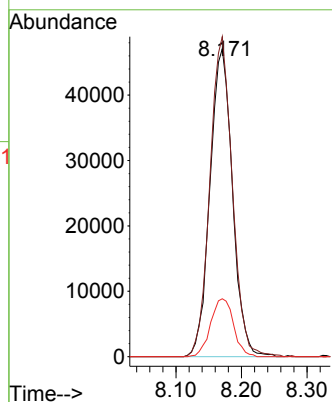


#35
Dibromofluoromethane
Concen: 53.996 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080238.D
Acq: 22 Nov 2023 11:09

Instrument :
MSVOA_N
ClientSampleId :

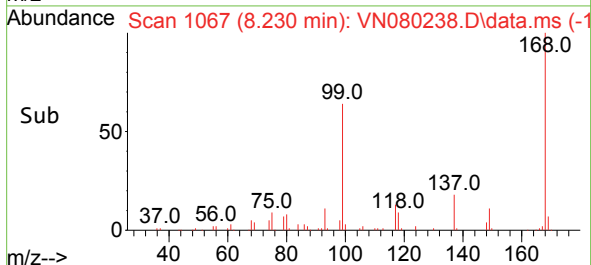
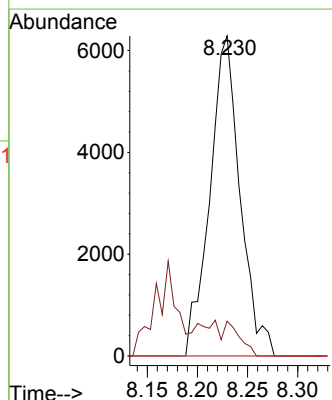
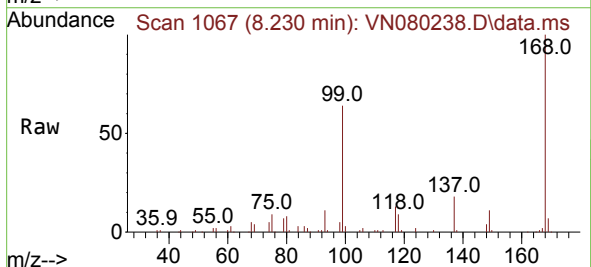


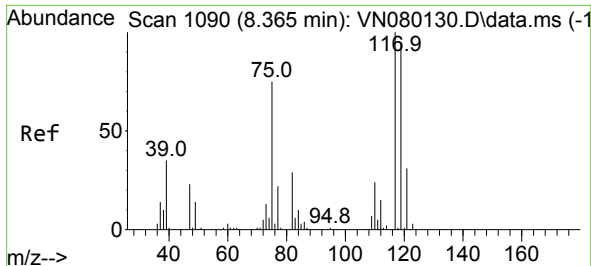
Tgt Ion:113 Resp: 112054
Ion Ratio Lower Upper
113 100
111 103.6 82.6 123.8
192 19.2 12.7 19.1#



#36
1,1-Dichloropropene
Concen: 4.399 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN080238.D
Acq: 22 Nov 2023 11:09

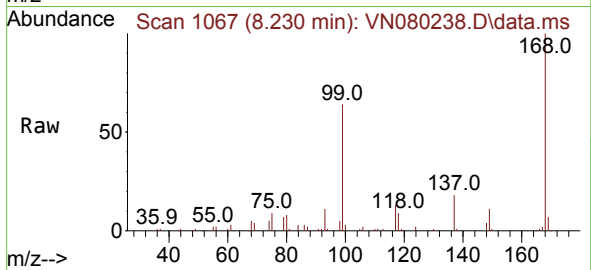
Tgt Ion: 75 Resp: 13216
Ion Ratio Lower Upper
75 100
110 3.8 19.1 57.3#
77 0.0 25.0 37.4#



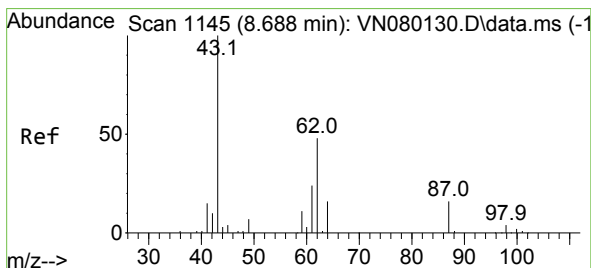
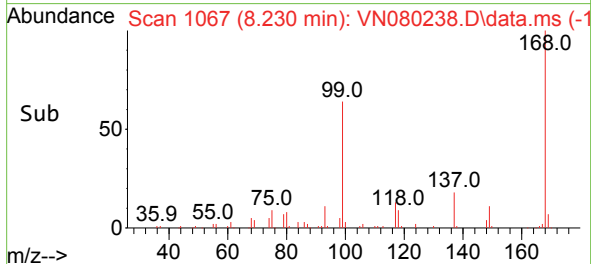
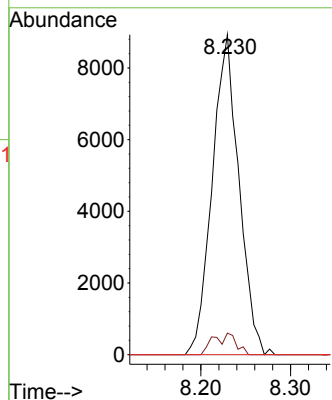


#38
Carbon Tetrachloride
Concen: 4.832 ug/l
RT: 8.230 min Scan# 1105
Delta R.T. -0.135 min
Lab File: VN080238.D
Acq: 22 Nov 2023 11:09

Instrument :
MSVOA_N
ClientSampleId :

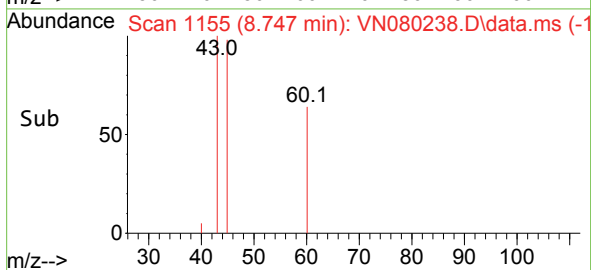
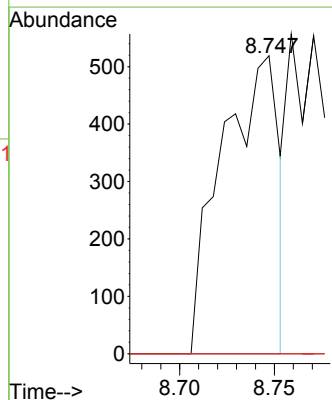
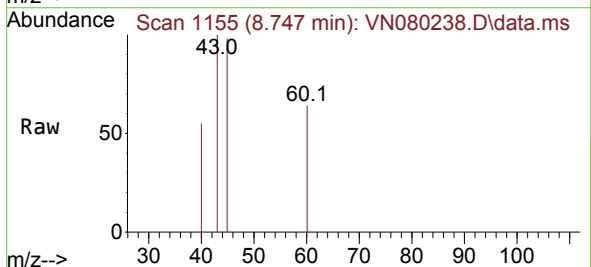


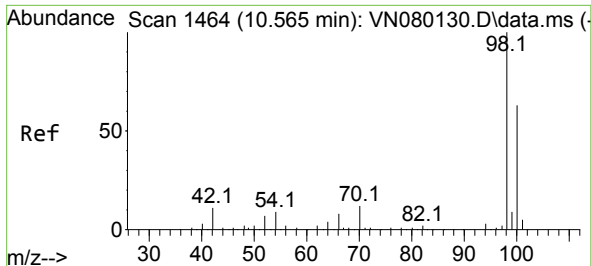
Tgt Ion:117 Resp: 18424
Ion Ratio Lower Upper
117 100
119 6.8 77.3 115.9#
121 0.0 23.3 34.9#



#43
Isopropyl Acetate
Concen: 0.267 ug/l
RT: 8.747 min Scan# 1155
Delta R.T. 0.059 min
Lab File: VN080238.D
Acq: 22 Nov 2023 11:09

Tgt Ion: 43 Resp: 1084
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#

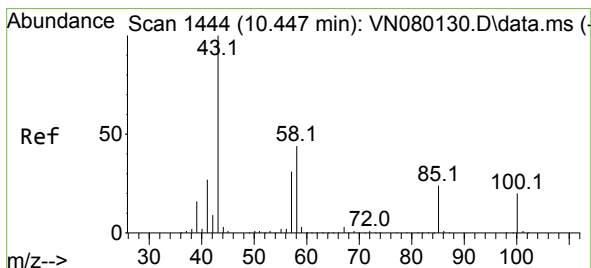
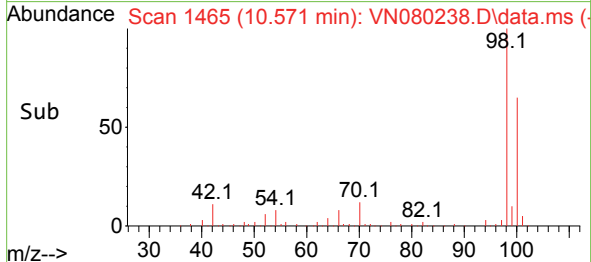
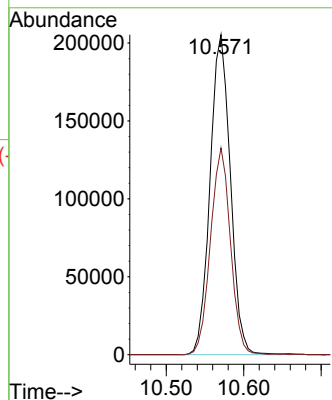
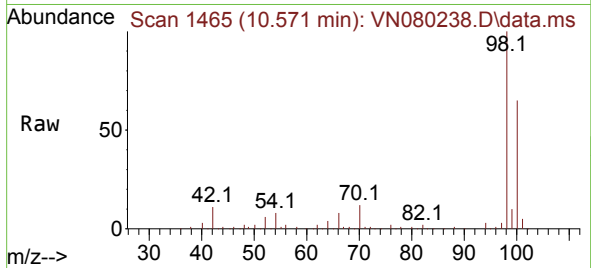




#50
Toluene-d8
Concen: 49.949 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080238.D
Acq: 22 Nov 2023 11:09

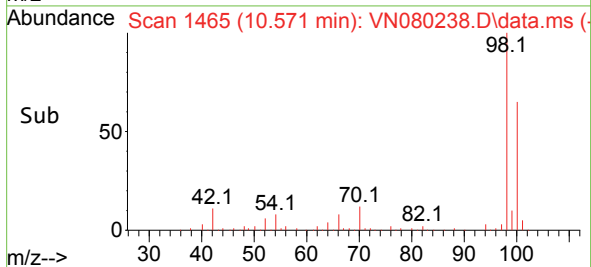
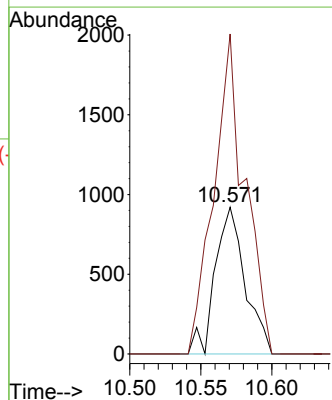
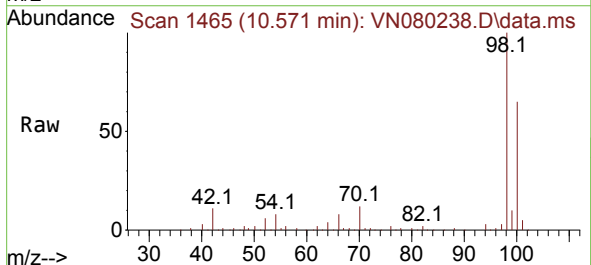
Instrument :
MSVOA_N
ClientSampleId :

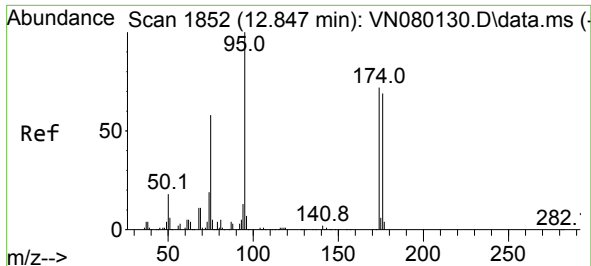
Tgt Ion: 98 Resp: 373655
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.641 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.123 min
Lab File: VN080238.D
Acq: 22 Nov 2023 11:09

Tgt Ion: 43 Resp: 1345
Ion Ratio Lower Upper
43 100
58 226.9 36.6 54.8#

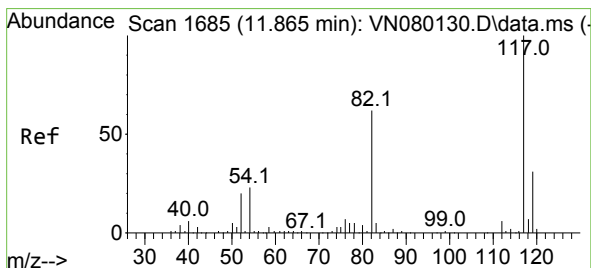
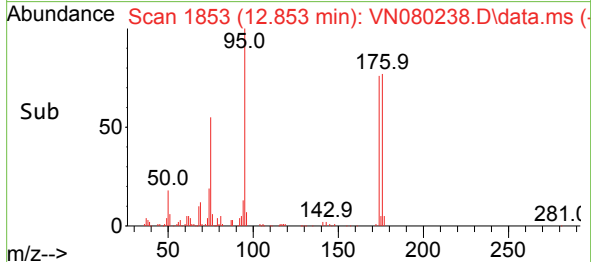
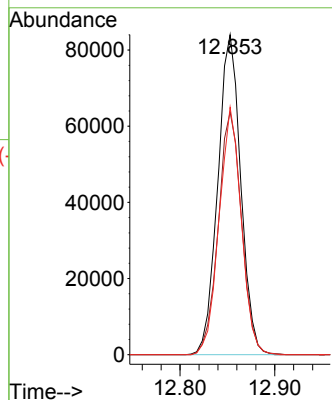
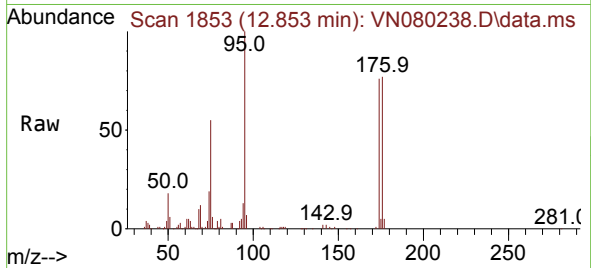




#62
4-Bromofluorobenzene
Concen: 50.067 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080238.D
Acq: 22 Nov 2023 11:09

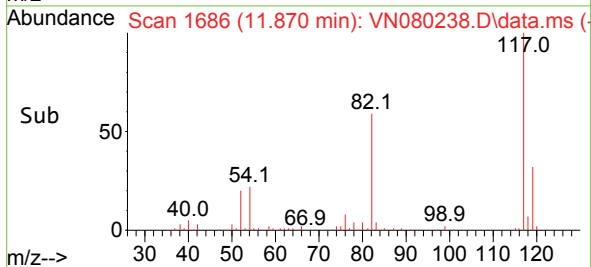
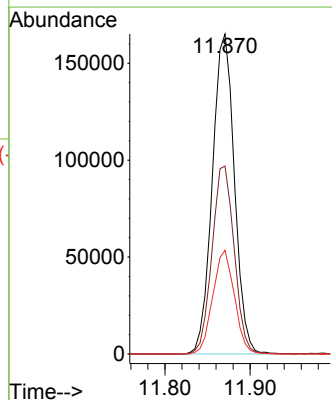
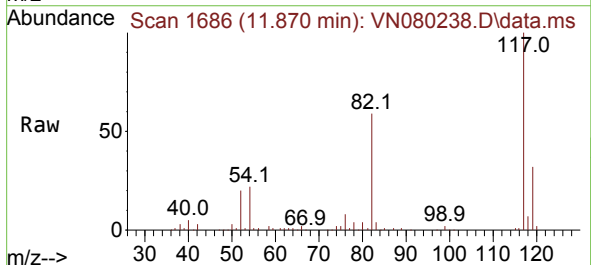
Instrument :
MSVOA_N
ClientSampleId :

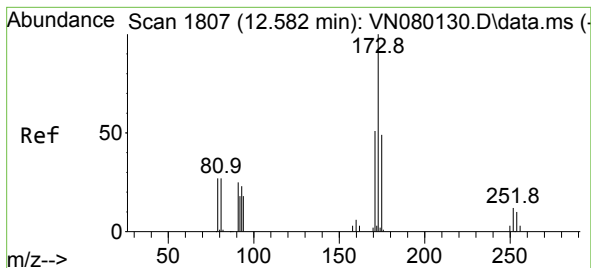
Tgt Ion: 95 Resp: 141471
Ion Ratio Lower Upper
95 100
174 76.8 0.0 143.8
176 74.7 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080238.D
Acq: 22 Nov 2023 11:09

Tgt Ion: 117 Resp: 297202
Ion Ratio Lower Upper
117 100
82 58.7 44.0 66.0
119 32.4 25.6 38.4





#71

Bromoform

Concen: 0.242 ug/l

RT: 12.847 min Scan# 1807

Delta R.T. 0.265 min

Lab File: VN080238.D

Acq: 22 Nov 2023 11:09

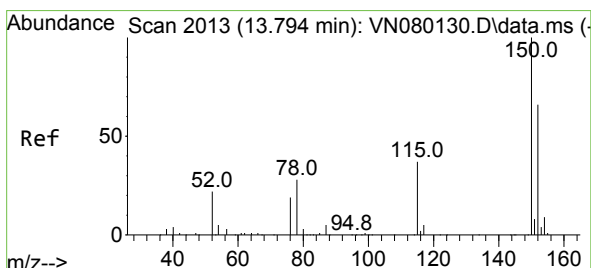
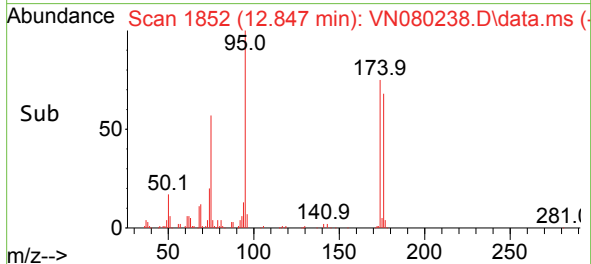
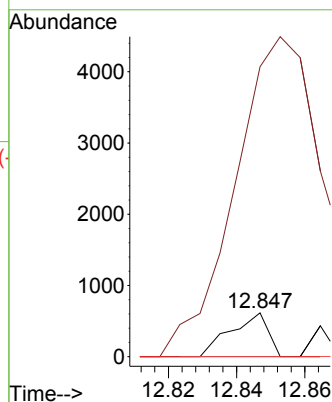
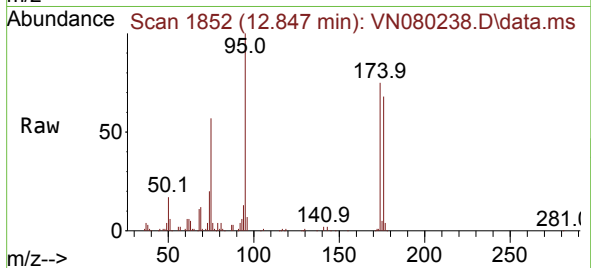
Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:173 Resp: 469

Ion	Ratio	Lower	Upper
173	100		
175	1355.7	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

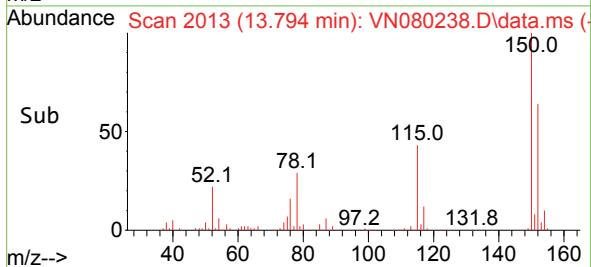
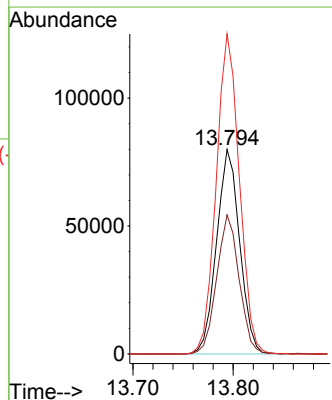
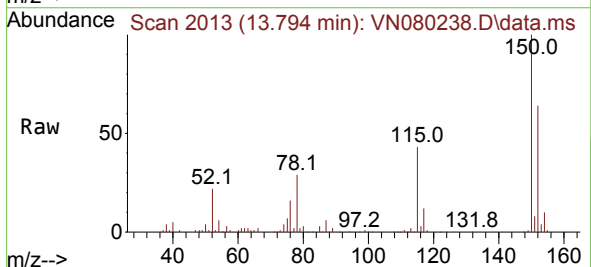
Delta R.T. -0.000 min

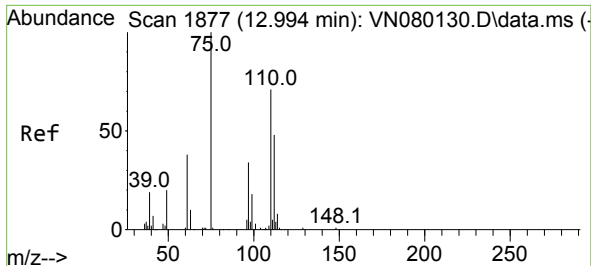
Lab File: VN080238.D

Acq: 22 Nov 2023 11:09

Tgt Ion:152 Resp: 127802

Ion	Ratio	Lower	Upper
152	100		
115	66.1	32.3	96.8
150	156.6	0.0	355.8

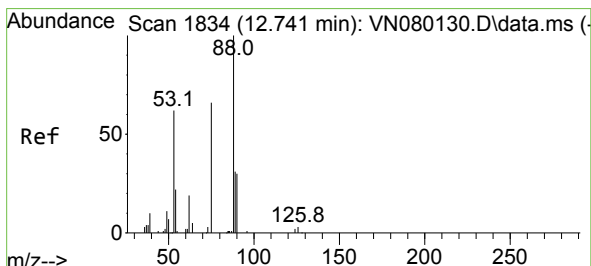
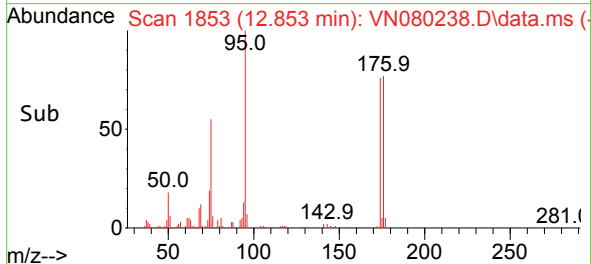
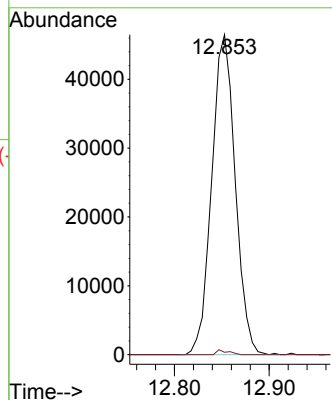
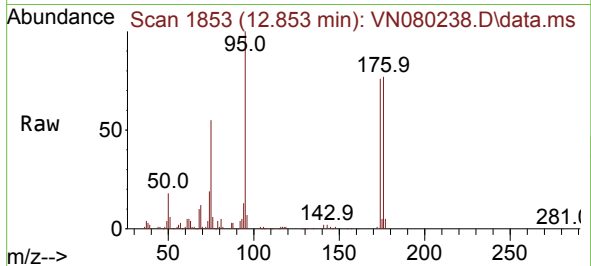




#76
1,2,3-Trichloropropane
Concen: 25.578 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN080238.D
Acq: 22 Nov 2023 11:09

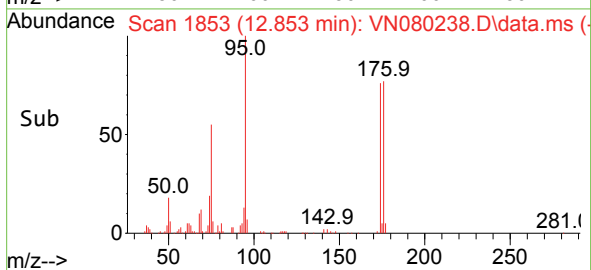
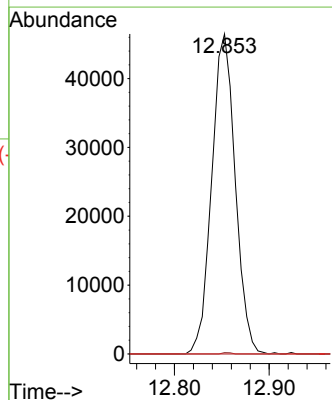
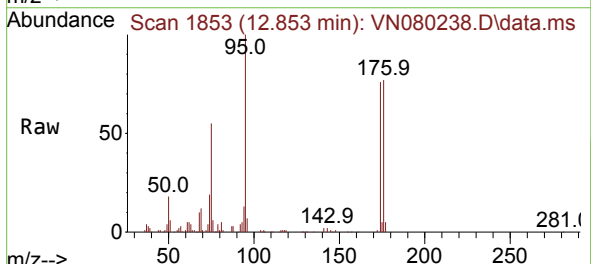
Instrument :
MSVOA_N
ClientSampleId :

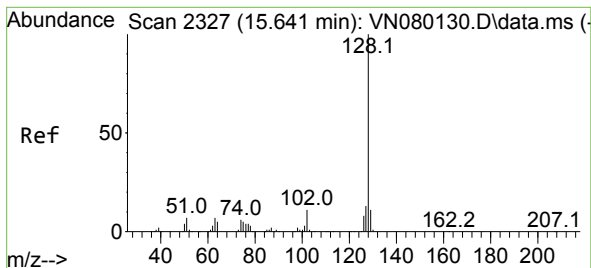
Tgt Ion: 75 Resp: 80095
Ion Ratio Lower Upper
75 100
77 0.8 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.418 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN080238.D
Acq: 22 Nov 2023 11:09

Tgt Ion: 75 Resp: 80095
Ion Ratio Lower Upper
75 100
53 0.2 67.4 101.2#
89 0.0 38.8 58.2#





#95

Naphthalene

Concen: 0.382 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.000 min

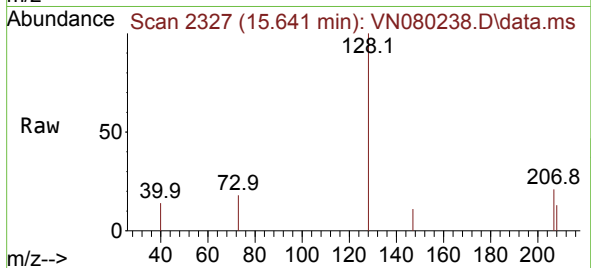
Lab File: VN080238.D

Acq: 22 Nov 2023 11:09

Instrument :

MSVOA_N

ClientSampleId :



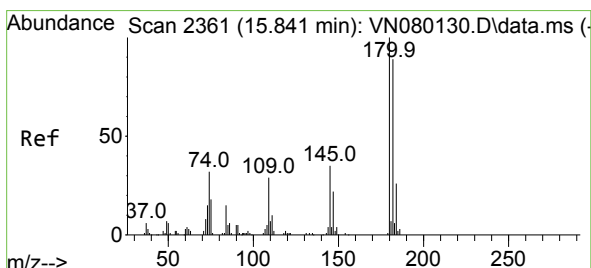
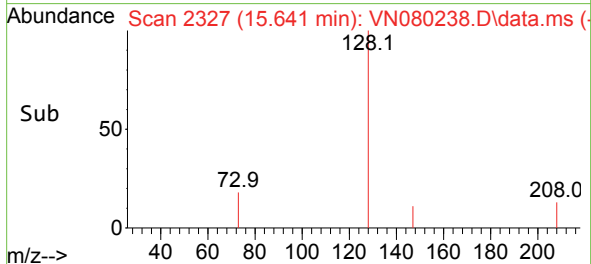
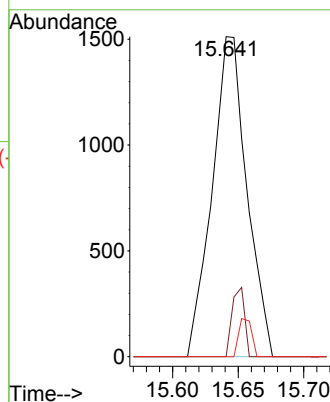
Tgt Ion:128 Resp: 2781

Ion Ratio Lower Upper

128 100

127 7.7 10.0 15.0#

129 4.4 8.7 13.1#



#96

1,2,3-Trichlorobenzene

Concen: 0.303 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.006 min

Lab File: VN080238.D

Acq: 22 Nov 2023 11:09

Tgt Ion:180 Resp: 714

Ion Ratio Lower Upper

180 100

182 84.3 46.2 138.6

145 0.0 17.5 52.6#

