

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111623\
 Data File : VN080142.D
 Acq On : 16 Nov 2023 18:46
 Operator : JC\MD
 Sample : 05381-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 17 01:26:57 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	168205	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	316728	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	341107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	154196	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	156312	56.281	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.560%	
35) Dibromofluoromethane	8.171	113	125072	53.517	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.040%	
50) Toluene-d8	10.571	98	433450	51.451	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.900%	
62) 4-Bromofluorobenzene	12.853	95	167873	52.756	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.520%	

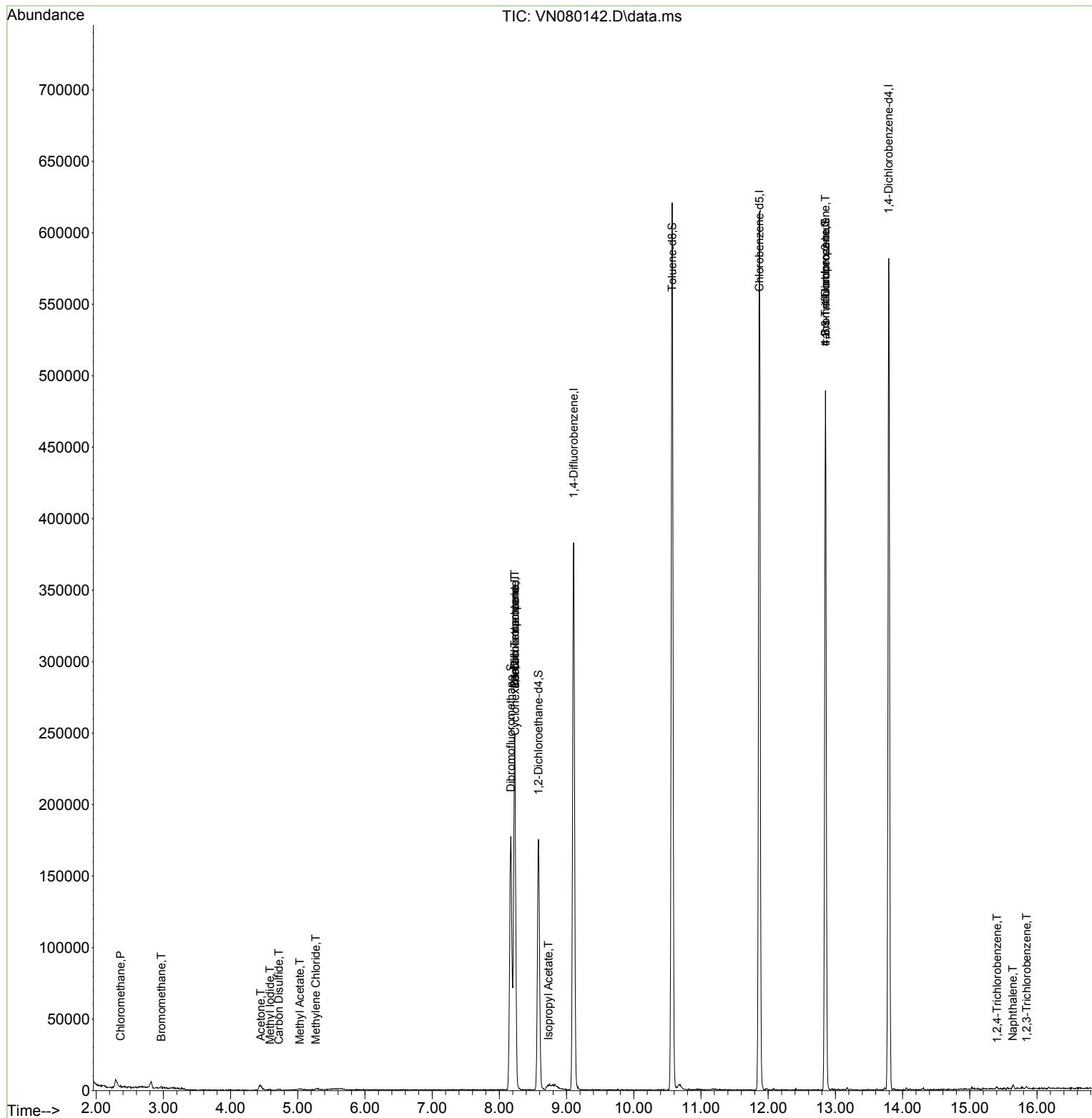
Target Compounds			Qvalue			
3) Chloromethane	2.365	50	476	0.253	ug/l #	42
5) Bromomethane	2.971	94	360	0.266	ug/l #	64
6) Chloroethane	3.106	64	742	Below Cal	#	43
10) Methyl Iodide	4.589	142	419	0.204	ug/l #	88
16) Acetone	4.448	43	6311	6.765	ug/l #	84
17) Carbon Disulfide	4.718	76	2008	0.378	ug/l #	75
18) Methyl Acetate	5.030	43	961	0.321	ug/l #	42
20) Methylene Chloride	5.271	84	738	0.378	ug/l #	29
31) Cyclohexane	8.236	56	3769	1.248	ug/l #	50
36) 1,1-Dichloropropene	8.230	75	14619	4.321	ug/l #	48
38) Carbon Tetrachloride	8.230	117	20222	4.710	ug/l #	16
43) Isopropyl Acetate	8.730	43	2443	0.535	ug/l #	49
76) 1,2,3-Trichloropropane	12.853	75	95783	25.352	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	95783	85.655	ug/l #	15
93) 1,2,4-Trichlorobenzene	15.406	180	833	0.275	ug/l	84
95) Naphthalene	15.641	128	3194	0.364	ug/l #	84
96) 1,2,3-Trichlorobenzene	15.847	180	770	0.271	ug/l #	85

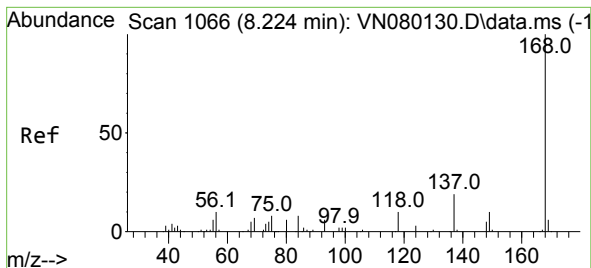
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 8.230 min Scan# 10

Delta R.T. 0.006 min

Lab File: VN080142.D

Acq: 16 Nov 2023 18:46

Instrument :

MSVOA_N

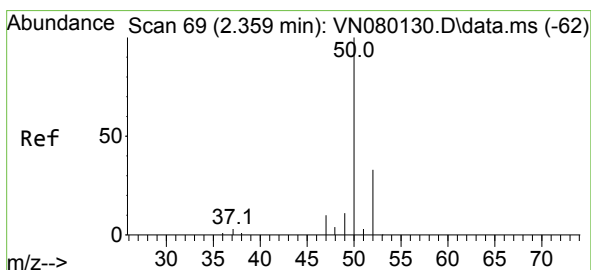
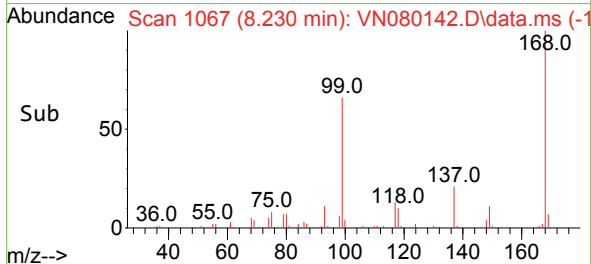
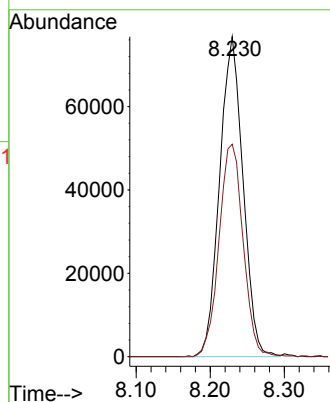
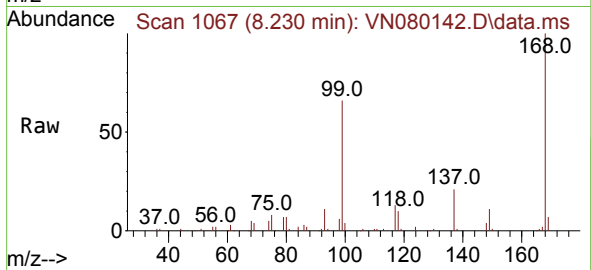
ClientSampleId :

Tgt Ion:168 Resp: 168205

Ion Ratio Lower Upper

168 100

99 66.4 53.0 79.6



#3

Chloromethane

Concen: 0.253 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN080142.D

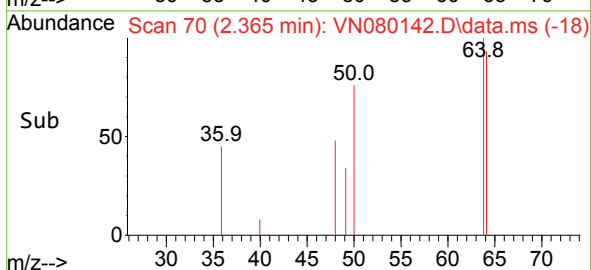
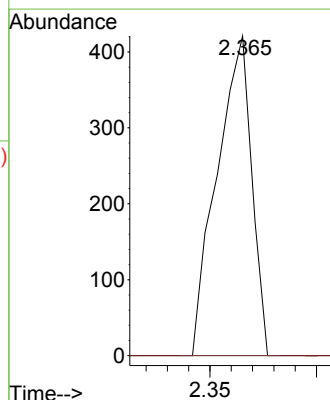
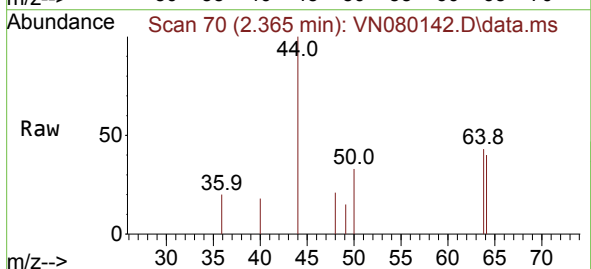
Acq: 16 Nov 2023 18:46

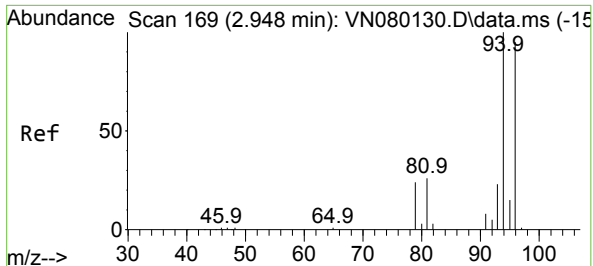
Tgt Ion: 50 Resp: 476

Ion Ratio Lower Upper

50 100

52 0.0 26.5 39.7#

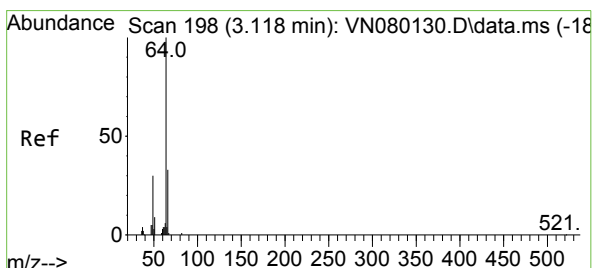
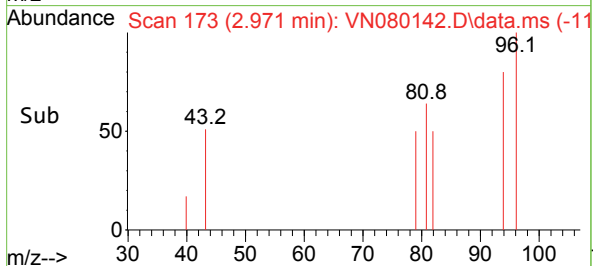
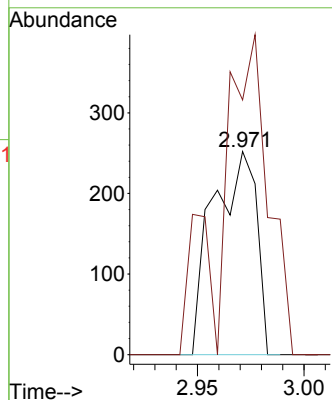
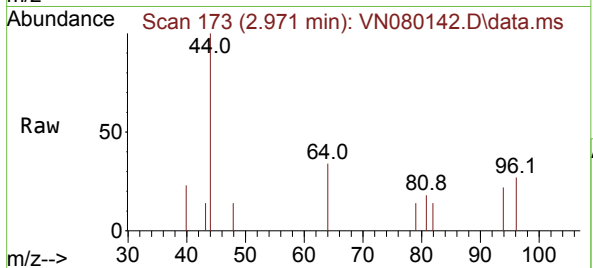




#5
Bromomethane
Concen: 0.266 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN080142.D
Acq: 16 Nov 2023 18:46

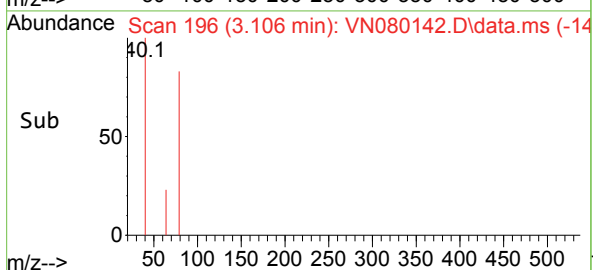
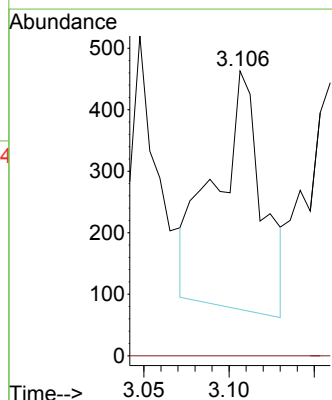
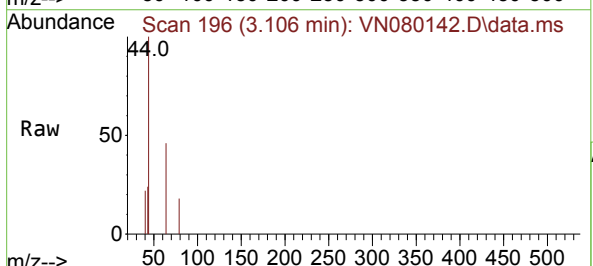
Instrument :
MSVOA_N
ClientSampleId :

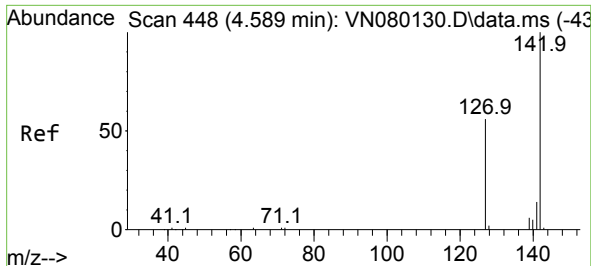
Tgt Ion: 94 Resp: 360
Ion Ratio Lower Upper
94 100
96 125.4 73.1 109.7#



#6
Chloroethane
Concen: Below Cal
RT: 3.106 min Scan# 196
Delta R.T. -0.012 min
Lab File: VN080142.D
Acq: 16 Nov 2023 18:46

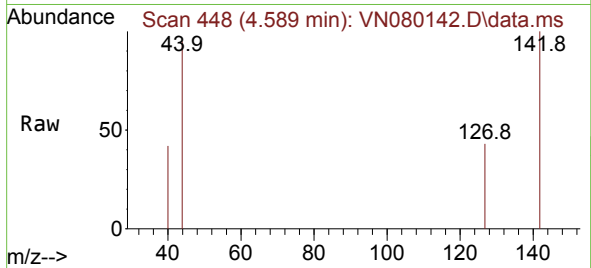
Tgt Ion: 64 Resp: 742
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



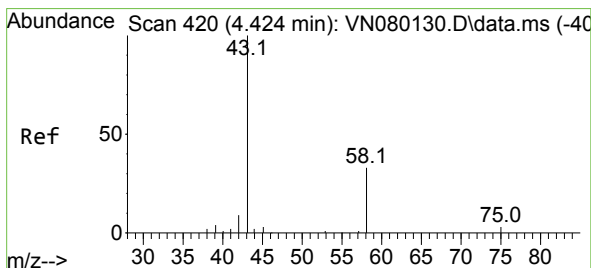
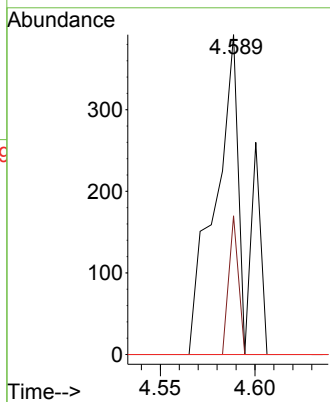
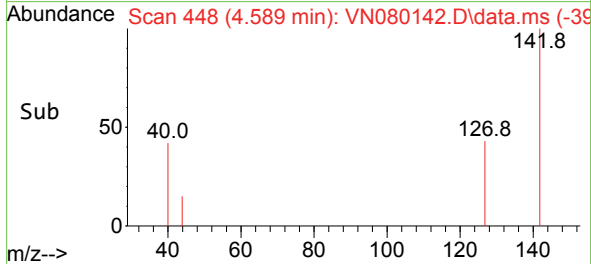


#10
Methyl Iodide
Concen: 0.204 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN080142.D
Acq: 16 Nov 2023 18:46

Instrument :
MSVOA_N
ClientSampleId :

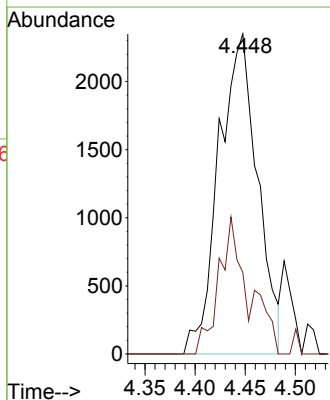
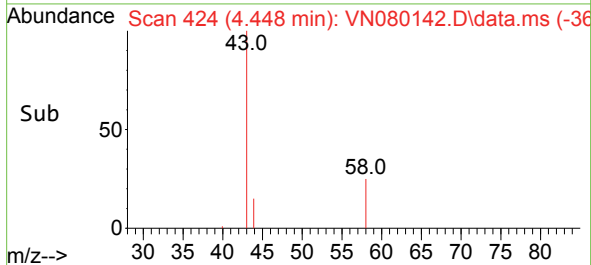
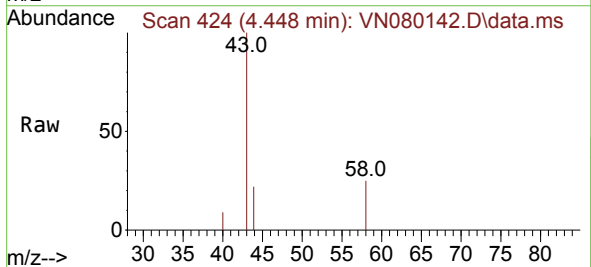


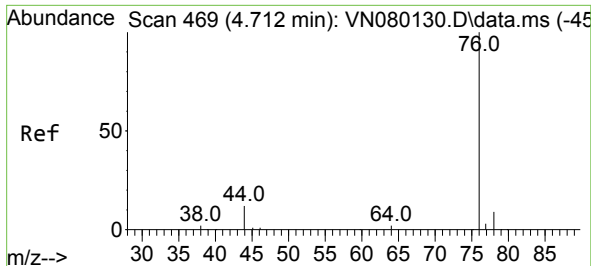
Tgt Ion:142 Resp: 419
Ion Ratio Lower Upper
142 100
127 43.4 37.6 56.4
141 0.0 11.4 17.0#



#16
Acetone
Concen: 6.765 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.024 min
Lab File: VN080142.D
Acq: 16 Nov 2023 18:46

Tgt Ion: 43 Resp: 6311
Ion Ratio Lower Upper
43 100
58 25.5 28.0 42.0#

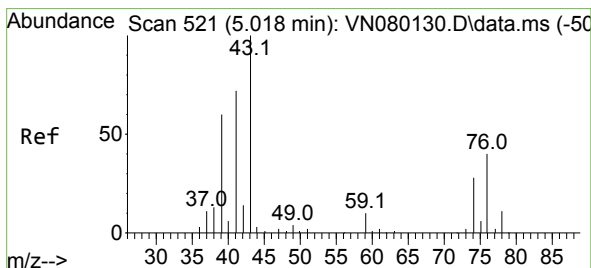
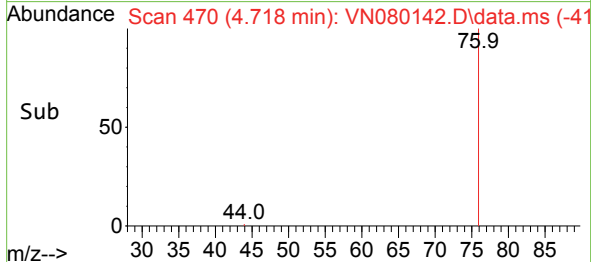
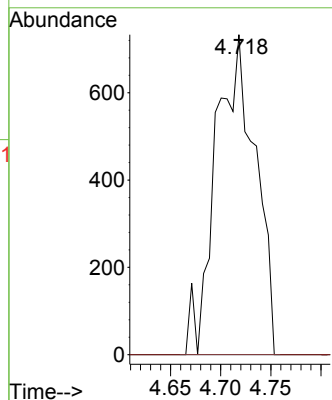
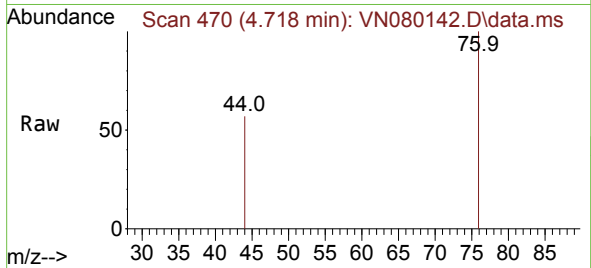




#17
Carbon Disulfide
Concen: 0.378 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN080142.D
Acq: 16 Nov 2023 18:46

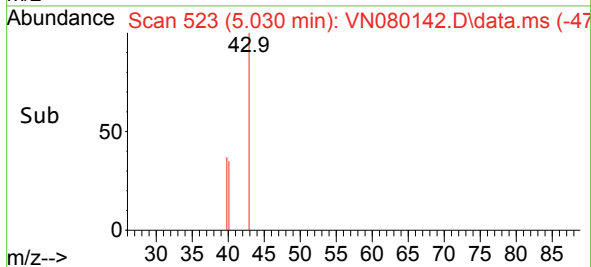
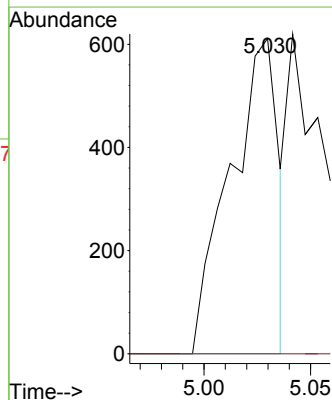
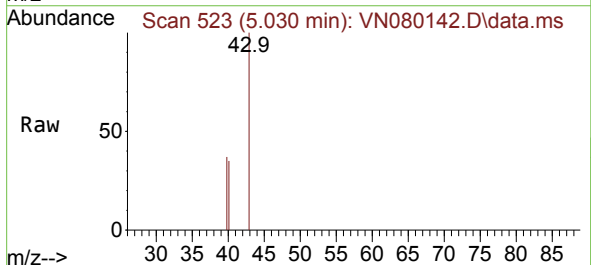
Instrument :
MSVOA_N
ClientSampleId :

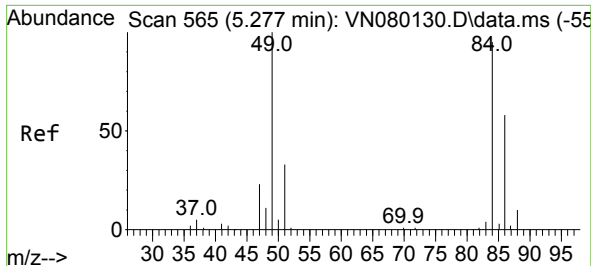
Tgt Ion: 76 Resp: 2008
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: 0.321 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN080142.D
Acq: 16 Nov 2023 18:46

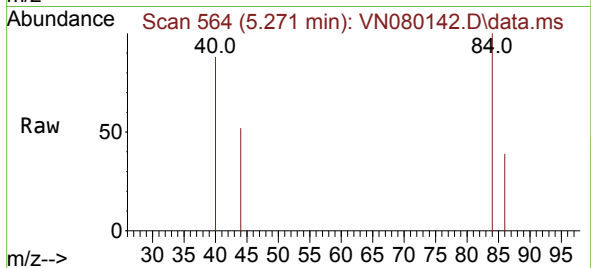
Tgt Ion: 43 Resp: 961
Ion Ratio Lower Upper
43 100
74 0.0 26.2 39.4#



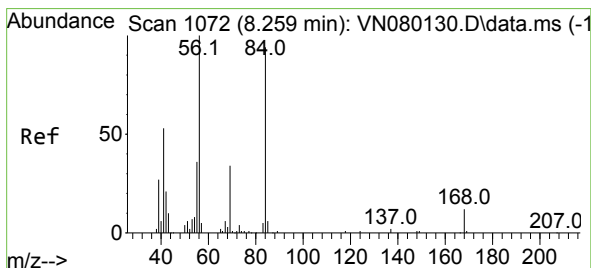
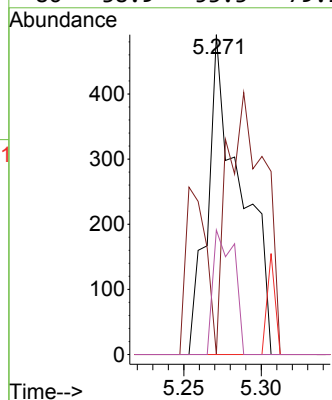


#20
Methylene Chloride
Concen: 0.378 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN080142.D
Acq: 16 Nov 2023 18:46

Instrument :
MSVOA_N
ClientSampleId :

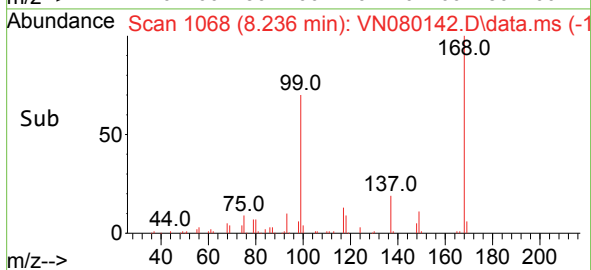
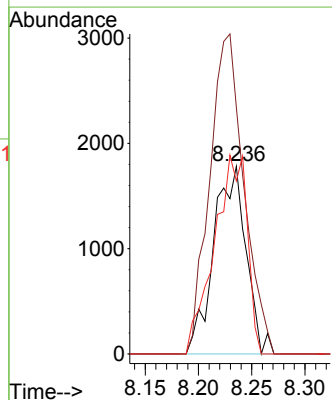
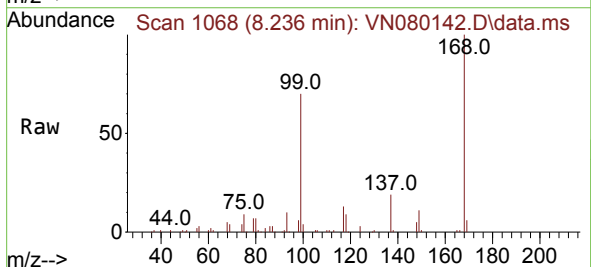


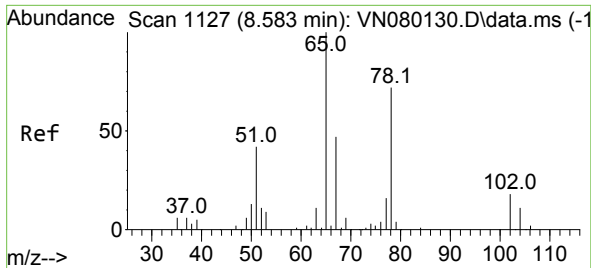
Tgt Ion:	84	Resp:	738
Ion	Ratio	Lower	Upper
84	100		
49	0.0	79.7	119.5#
51	0.0	25.2	37.8#
86	38.9	53.3	79.9#



#31
Cyclohexane
Concen: 1.248 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.024 min
Lab File: VN080142.D
Acq: 16 Nov 2023 18:46

Tgt Ion:	56	Resp:	3769
Ion	Ratio	Lower	Upper
56	100		
69	131.4	26.8	40.2#
84	92.3	81.8	122.6





#33

1,2-Dichloroethane-d4

Concen: 56.281 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN080142.D

Acq: 16 Nov 2023 18:46

Instrument :

MSVOA_N

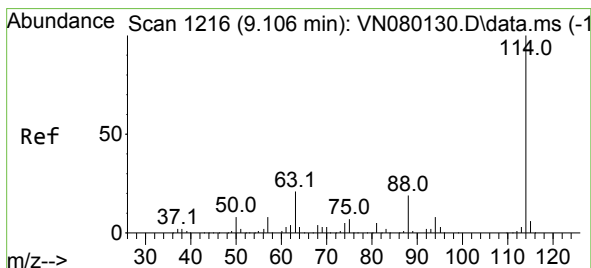
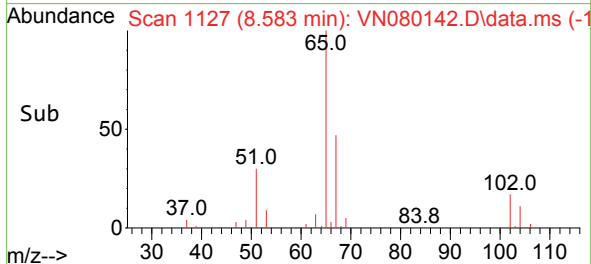
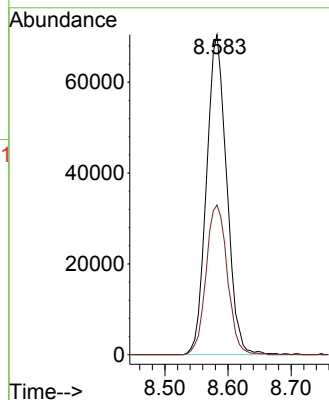
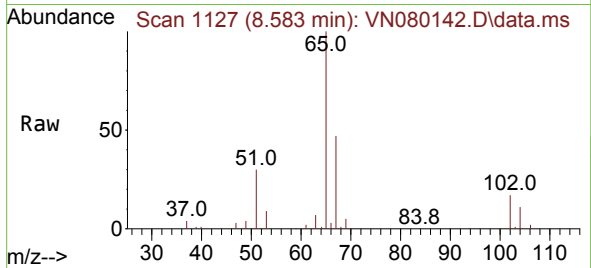
ClientSampleId :

Tgt Ion: 65 Resp: 156312

Ion Ratio Lower Upper

65 100

67 49.3 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: VN080142.D

Acq: 16 Nov 2023 18:46

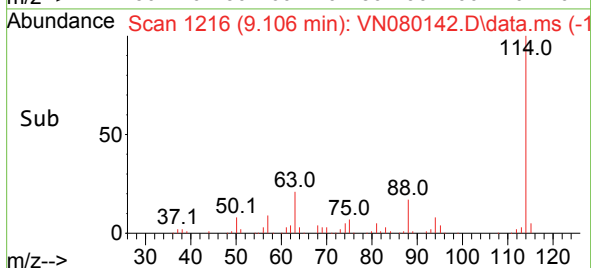
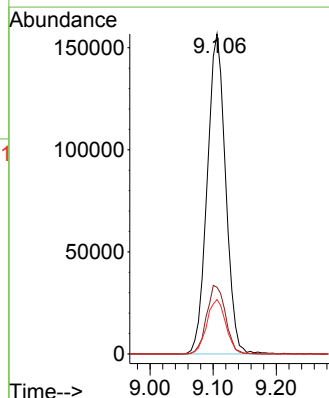
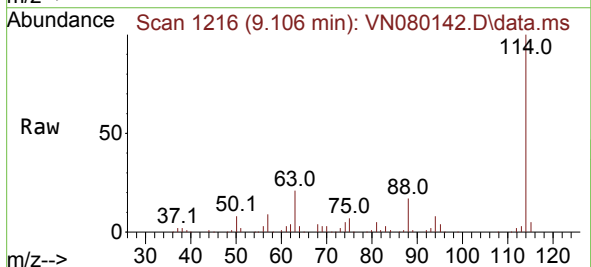
Tgt Ion: 114 Resp: 316728

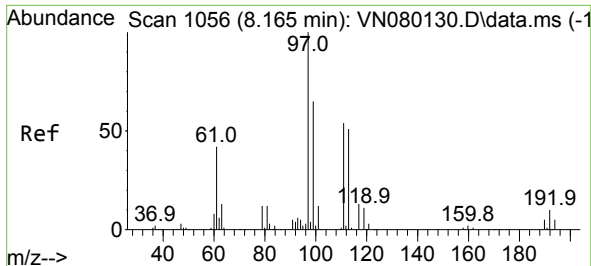
Ion Ratio Lower Upper

114 100

63 20.8 0.0 36.4

88 17.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.517 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

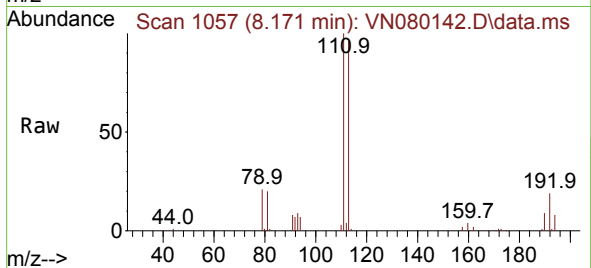
Lab File: VN080142.D

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MSVOA_N

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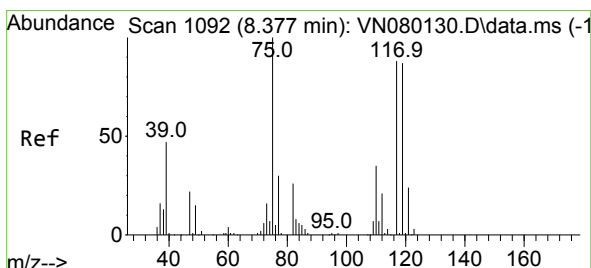
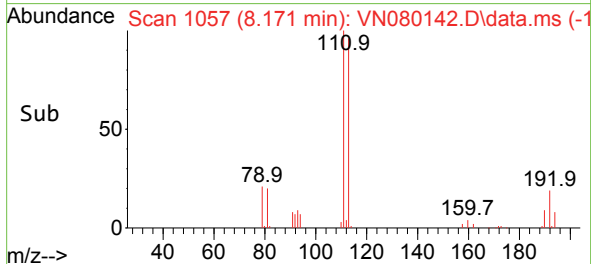
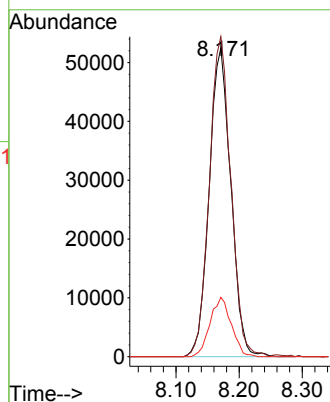
Tgt Ion:113 Resp: 125072

Ion Ratio Lower Upper

113 100

111 103.0 82.6 123.8

192 18.9 12.7 19.1



#36

1,1-Dichloropropene

Concen: 4.321 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.147 min

Lab File: VN080142.D

Acq: 16 Nov 2023 18:46

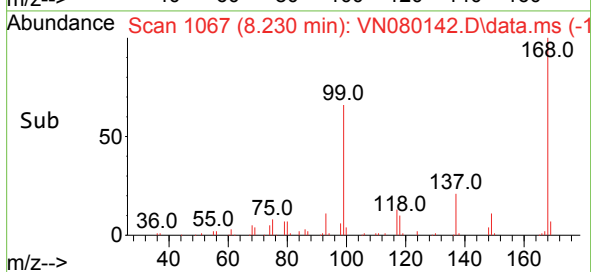
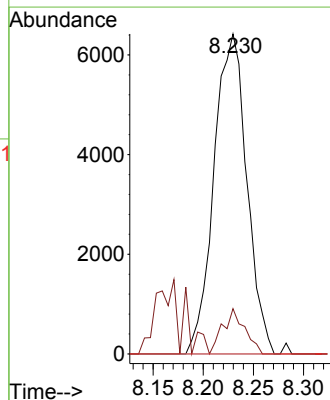
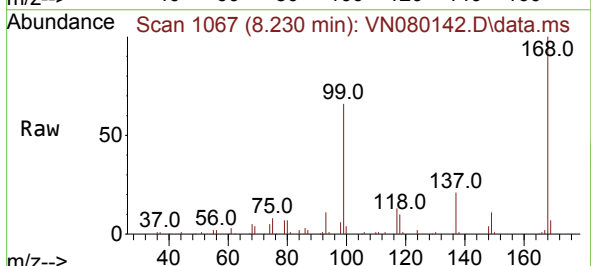
Tgt Ion: 75 Resp: 14619

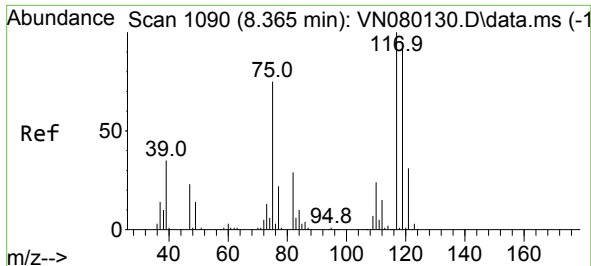
Ion Ratio Lower Upper

75 100

110 9.4 19.1 57.3#

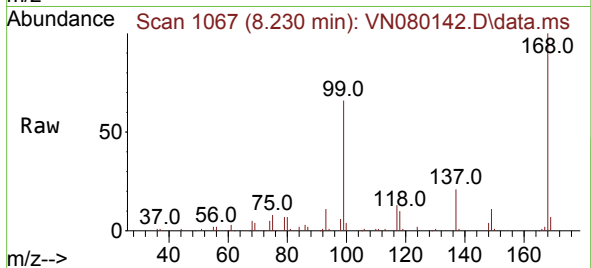
77 0.0 25.0 37.4#



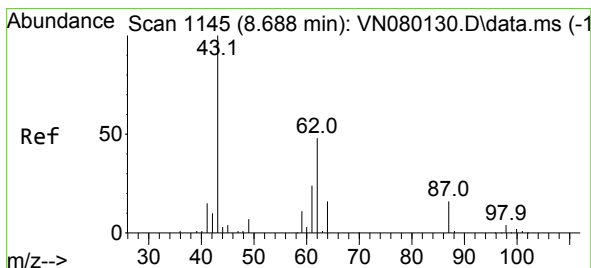
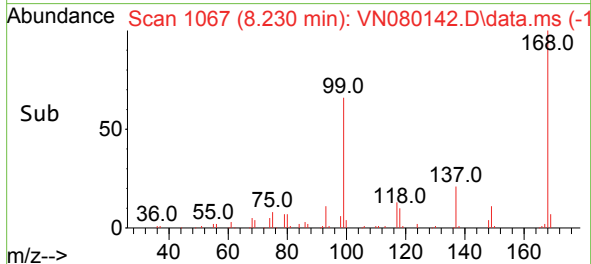
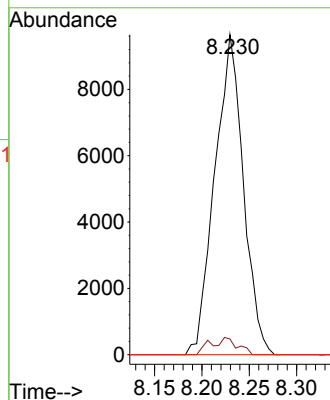


#38
Carbon Tetrachloride
Concen: 4.710 ug/l
RT: 8.230 min Scan# 1107
Delta R.T. -0.135 min
Lab File: VN080142.D
Acq: 16 Nov 2023 18:46

Instrument :
MSVOA_N
ClientSampleId :

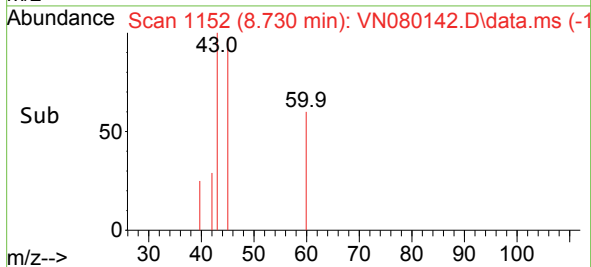
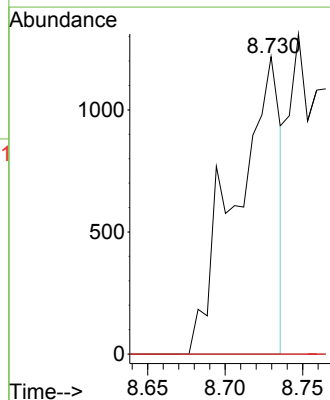
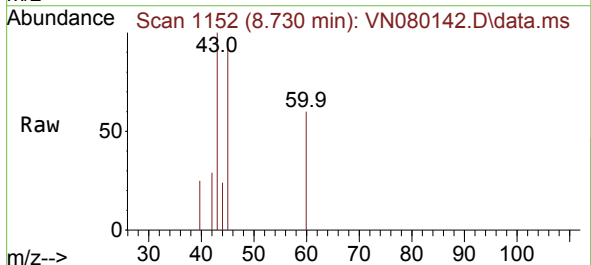


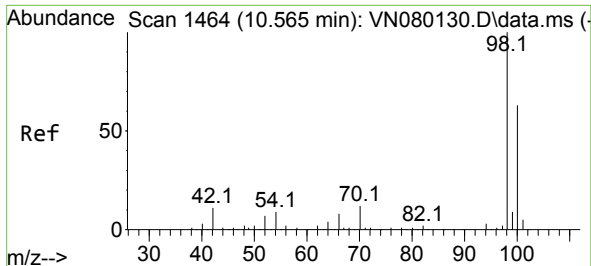
Tgt Ion:117 Resp: 20222
Ion Ratio Lower Upper
117 100
119 4.9 77.3 115.9#
121 0.0 23.3 34.9#



#43
Isopropyl Acetate
Concen: 0.535 ug/l
RT: 8.730 min Scan# 1152
Delta R.T. 0.041 min
Lab File: VN080142.D
Acq: 16 Nov 2023 18:46

Tgt Ion: 43 Resp: 2443
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#

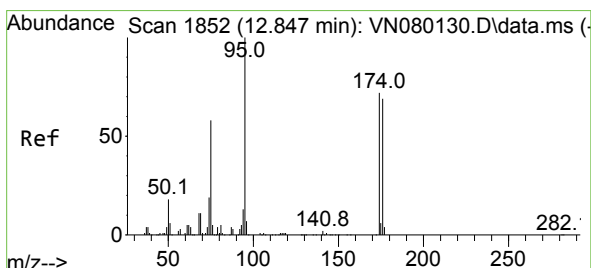
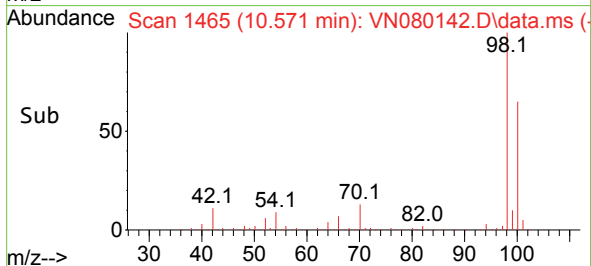
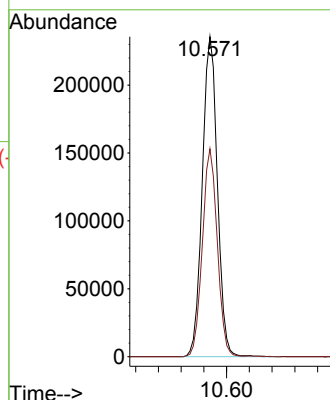
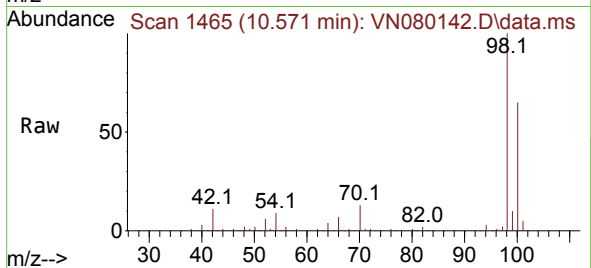




#50
Toluene-d8
Concen: 51.451 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080142.D
Acq: 16 Nov 2023 18:46

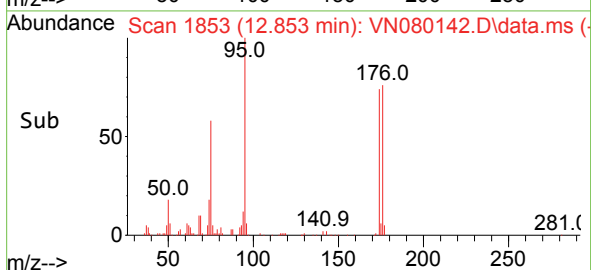
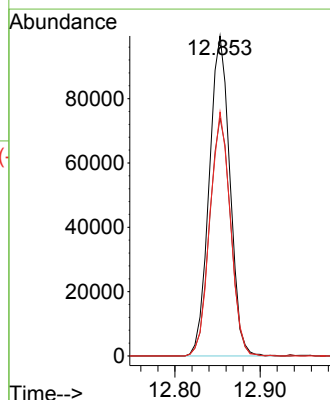
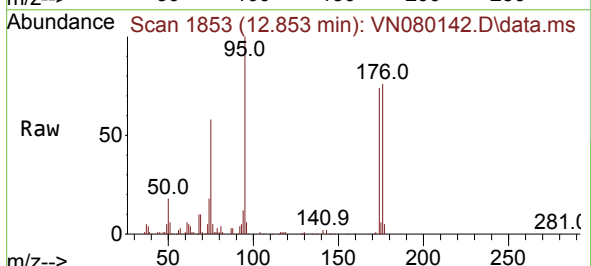
Instrument :
MSVOA_N
ClientSampleId :

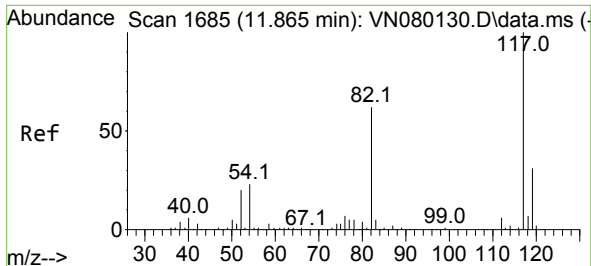
Tgt Ion: 98 Resp: 433450
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 52.756 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080142.D
Acq: 16 Nov 2023 18:46

Tgt Ion: 95 Resp: 167873
Ion Ratio Lower Upper
95 100
174 75.3 0.0 143.8
176 75.3 0.0 135.8

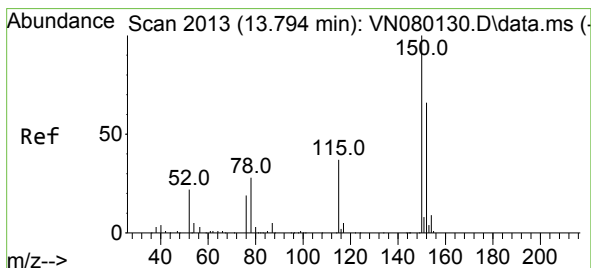
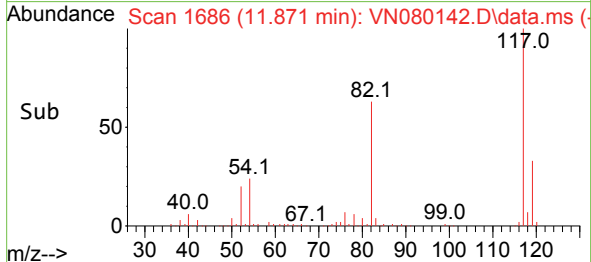
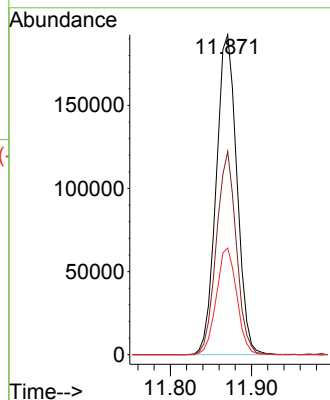
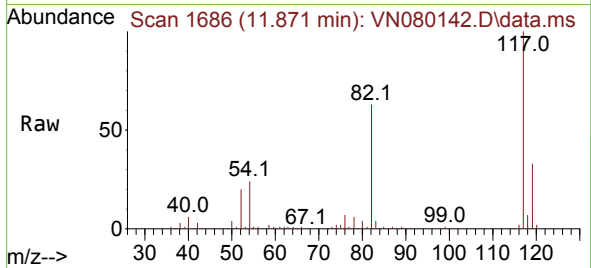




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080142.D
Acq: 16 Nov 2023 18:46

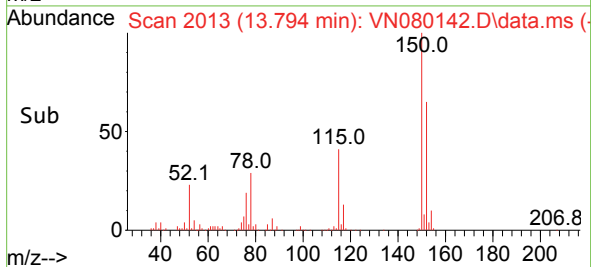
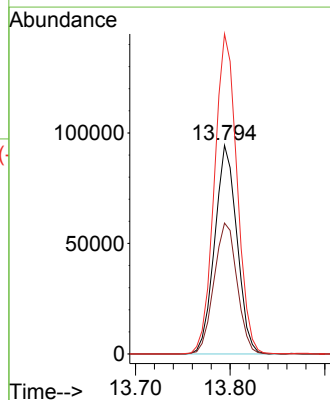
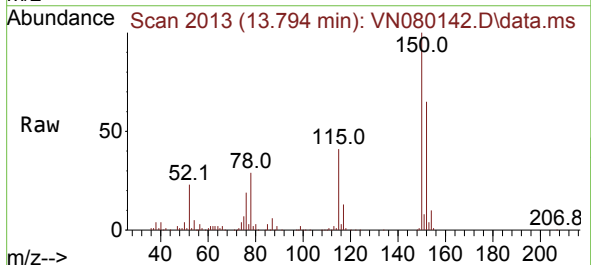
Instrument :
MSVOA_N
ClientSampleId :

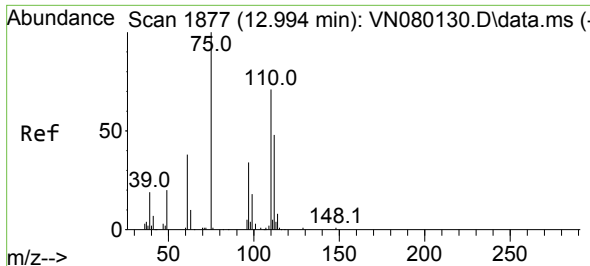
Tgt Ion:117 Resp: 341107
Ion Ratio Lower Upper
117 100
82 63.5 44.0 66.0
119 33.4 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080142.D
Acq: 16 Nov 2023 18:46

Tgt Ion:152 Resp: 154196
Ion Ratio Lower Upper
152 100
115 65.1 32.3 96.8
150 155.3 0.0 355.8

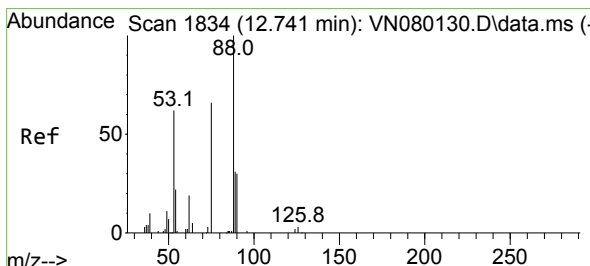
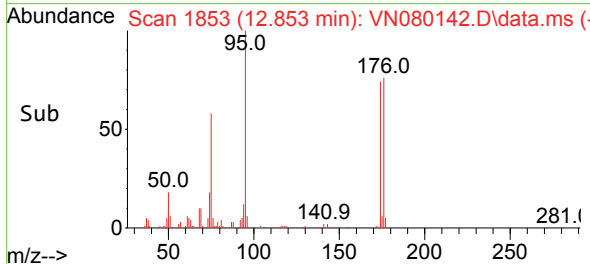
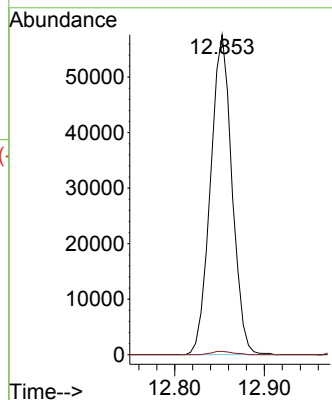
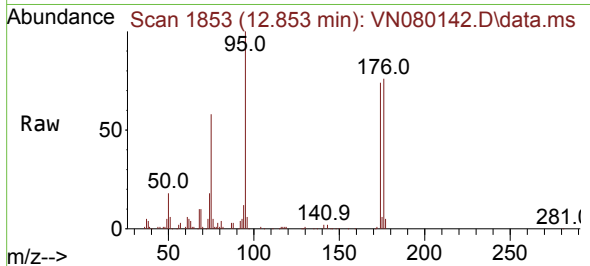




#76
1,2,3-Trichloropropane
Concen: 25.352 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN080142.D
Acq: 16 Nov 2023 18:46

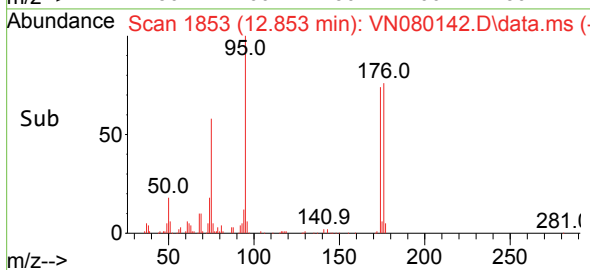
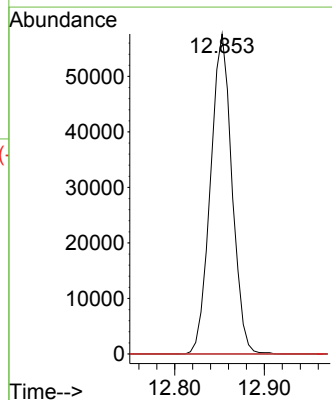
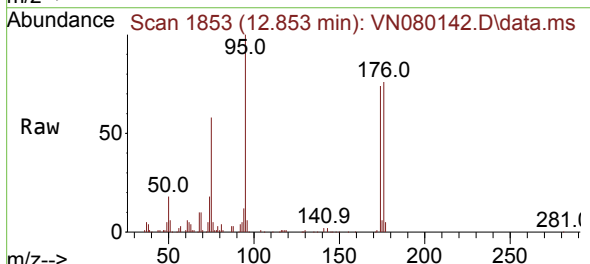
Instrument :
MSVOA_N
ClientSampleId :

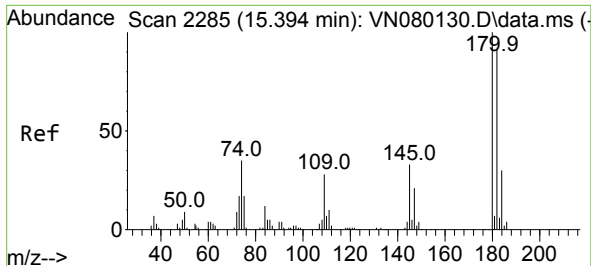
Tgt Ion: 75 Resp: 95783
Ion Ratio Lower Upper
75 100
77 1.1 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.655 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN080142.D
Acq: 16 Nov 2023 18:46

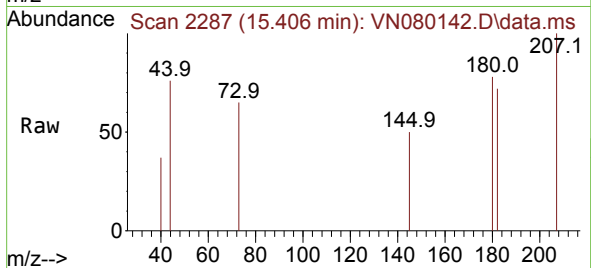
Tgt Ion: 75 Resp: 95783
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#



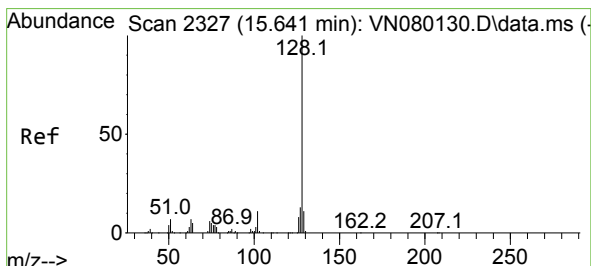
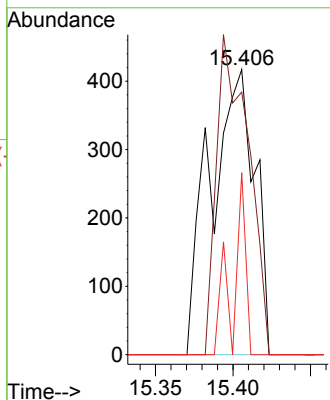
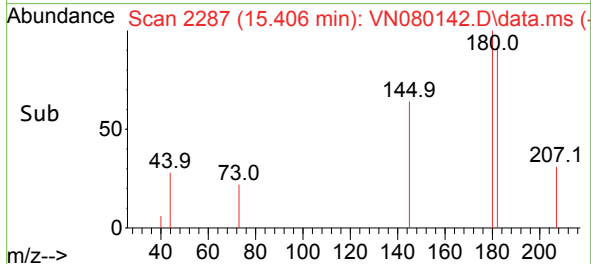


#93
1,2,4-Trichlorobenzene
Concen: 0.275 ug/l
RT: 15.406 min Scan# 21
Delta R.T. 0.012 min
Lab File: VN080142.D
Acq: 16 Nov 2023 18:46

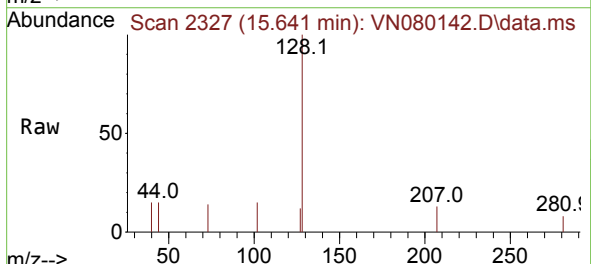
Instrument :
MSVOA_N
ClientSampleId :



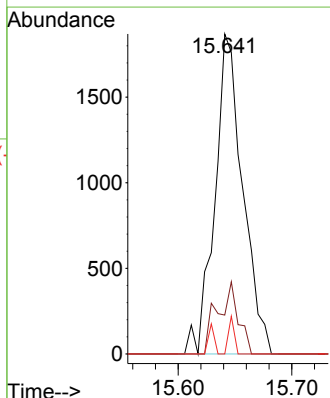
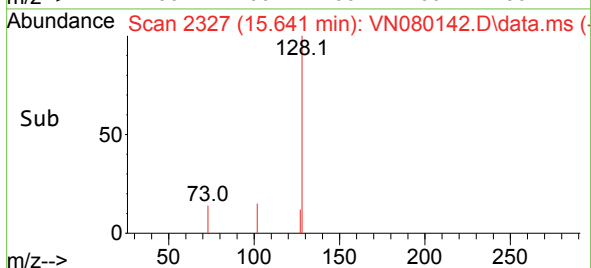
Tgt Ion:180 Resp: 833
Ion Ratio Lower Upper
180 100
182 80.4 46.1 138.2
145 18.2 16.6 49.8

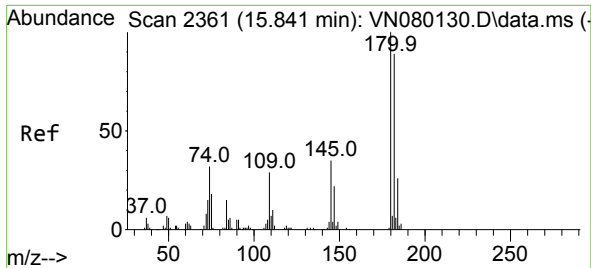


#95
Naphthalene
Concen: 0.364 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN080142.D
Acq: 16 Nov 2023 18:46



Tgt Ion:128 Resp: 3194
Ion Ratio Lower Upper
128 100
127 16.8 10.0 15.0#
129 2.4 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.271 ug/l
 RT: 15.847 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN080142.D
 Acq: 16 Nov 2023 18:46

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion:180 Resp: 770
 Ion Ratio Lower Upper
 180 100
 182 84.4 46.2 138.6
 145 16.5 17.5 52.6#

