

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011723\
 Data File : VN076272.D
 Acq On : 17 Jan 2023 11:51
 Operator : JC\MD
 Sample : VN0117WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0117WBL01

Quant Time: Jan 18 00:50:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

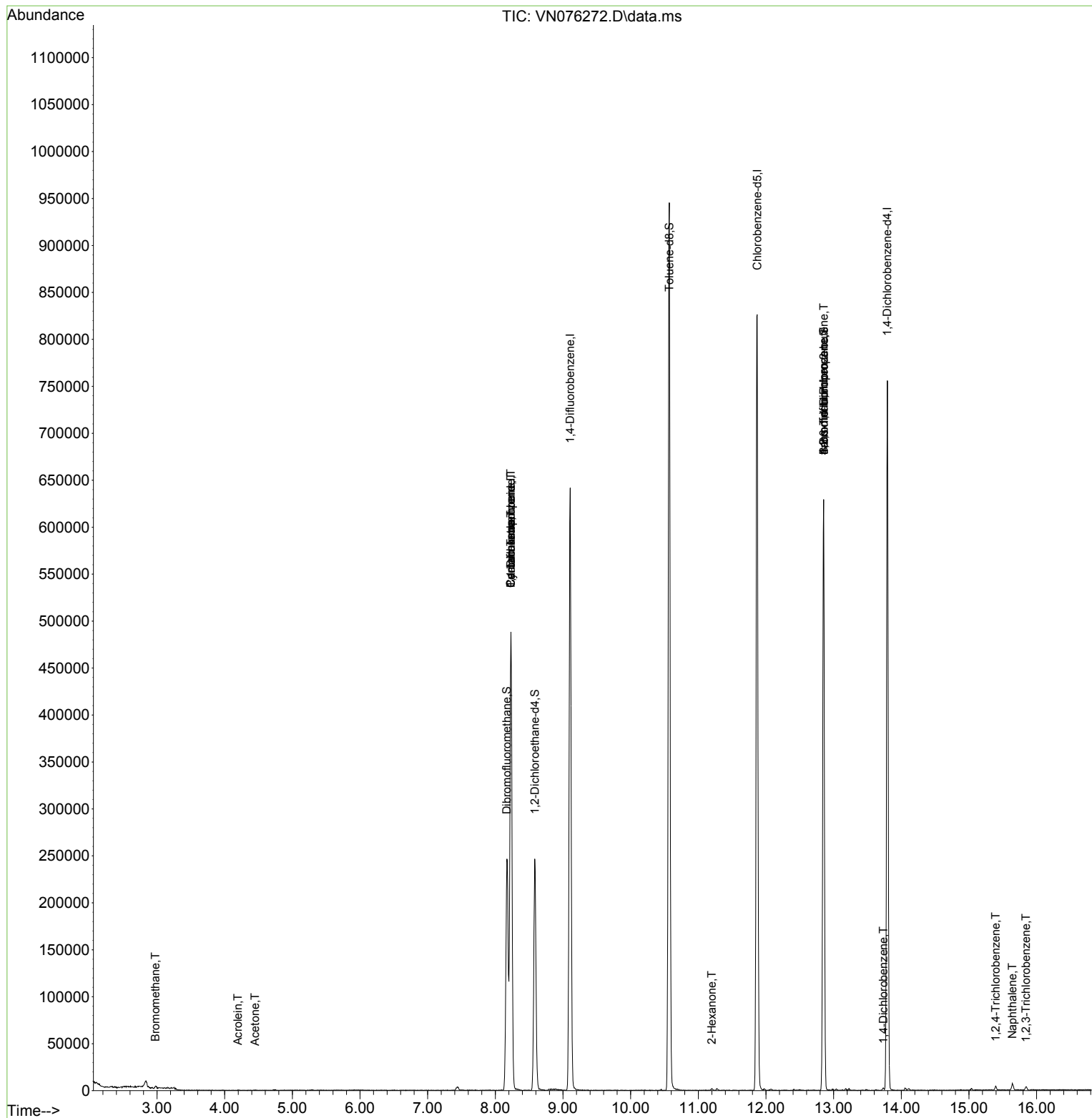
Internal Standards						
1) Pentafluorobenzene	8.230	168	372498	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	586465	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	509009	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	209402	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	197183	47.277	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.560%
35) Dibromofluoromethane	8.171	113	177004	48.249	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.500%
50) Toluene-d8	10.571	98	678038	50.045	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.100%
62) 4-Bromofluorobenzene	12.853	95	208438	47.126	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.260%
Target Compounds						
					Qvalue	
5) Bromomethane	2.977	94	1183	0.298	ug/l	99
13) Acrolein	4.195	56	297	0.445	ug/l #	40
16) Acetone	4.448	43	420	0.241	ug/l #	41
20) Methylene Chloride	5.295	84	365	Below Cal	#	11
31) Cyclohexane	8.230	56	7412	1.157	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	27653	5.305	ug/l #	49
38) Carbon Tetrachloride	8.230	117	37304	6.417	ug/l #	17
59) 2-Hexanone	11.200	43	1450	0.501	ug/l	83
71) Bromoform	12.853	173	1631	0.564	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	109265	28.230	ug/l #	1
77) Bromobenzene	12.982	156	344	Below Cal		72
81) trans-1,4-Dichloro-2-b...	12.853	75	109265	86.818	ug/l #	11
88) 1,4-Dichlorobenzene	13.735	146	1204	0.267	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	1823	1.788	ug/l	96
95) Naphthalene	15.641	128	7543	2.507	ug/l	97
96) 1,2,3-Trichlorobenzene	15.841	180	1584	1.596	ug/l	71

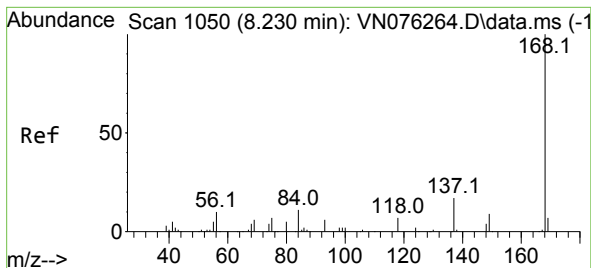
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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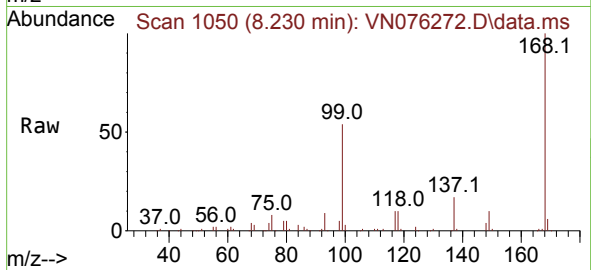
Quant Time: Jan 18 00:50:56 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 03:59:22 2023
Response via : Initial Calibration



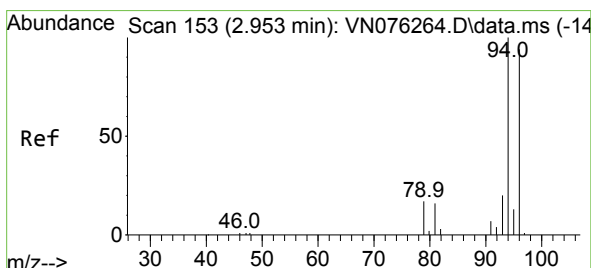
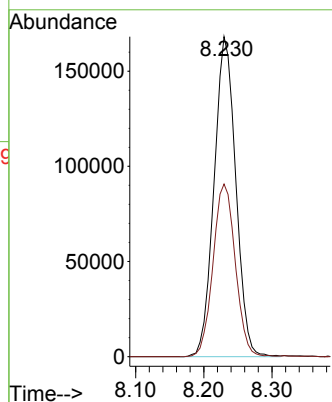
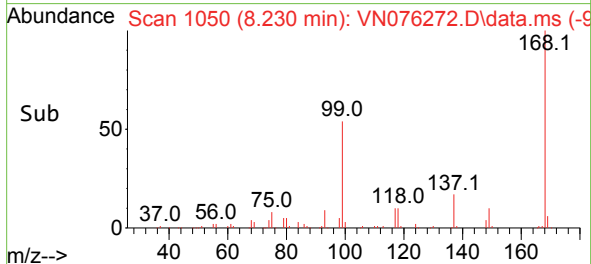


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076272.D
Acq: 17 Jan 2023 11:51

Instrument :
MSVOA_N
ClientSampleId :
VN0117WBL01

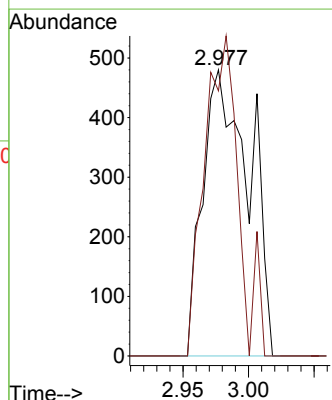
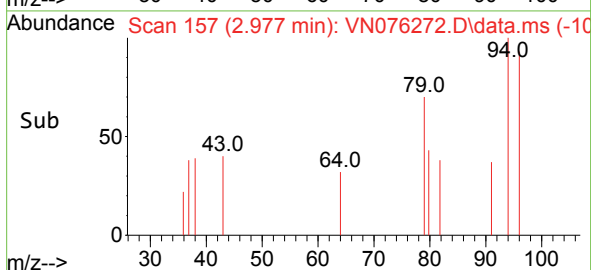
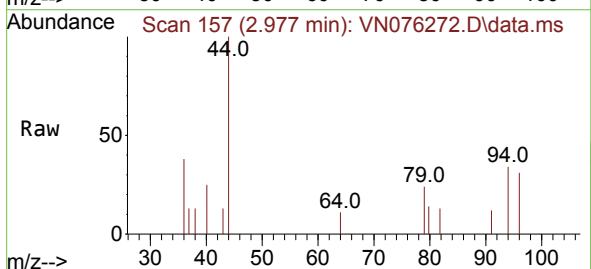


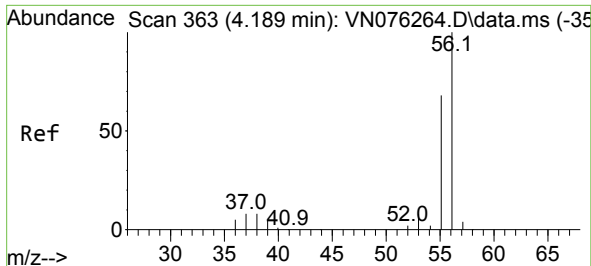
Tgt Ion:168 Resp: 372498
Ion Ratio Lower Upper
168 100
99 54.0 41.6 62.4



#5
Bromomethane
Concen: 0.298 ug/l
RT: 2.977 min Scan# 157
Delta R.T. 0.024 min
Lab File: VN076272.D
Acq: 17 Jan 2023 11:51

Tgt Ion: 94 Resp: 1183
Ion Ratio Lower Upper
94 100
96 92.7 75.1 112.7

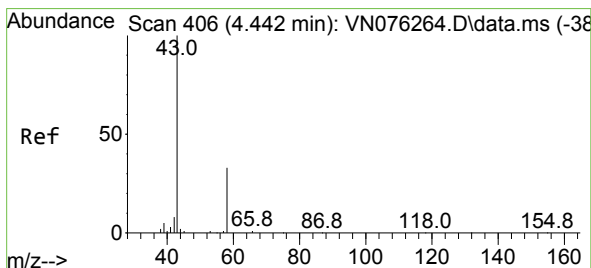
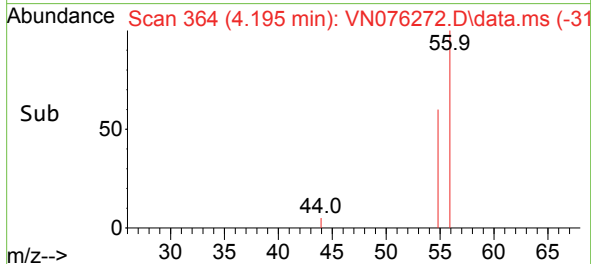
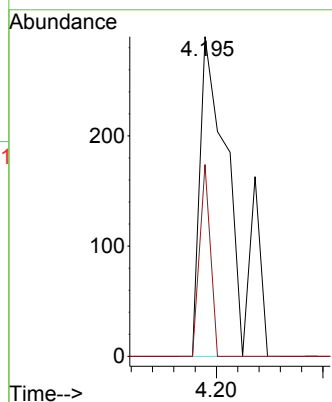
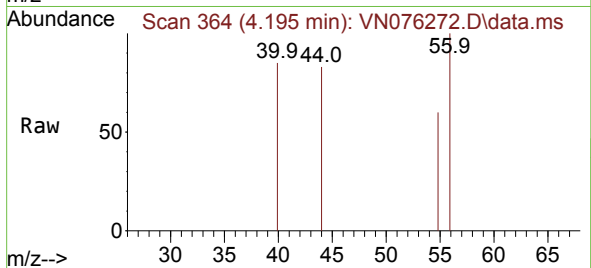




#13
Acrolein
Concen: 0.445 ug/l
RT: 4.195 min Scan# 364
Delta R.T. 0.006 min
Lab File: VN076272.D
Acq: 17 Jan 2023 11:51

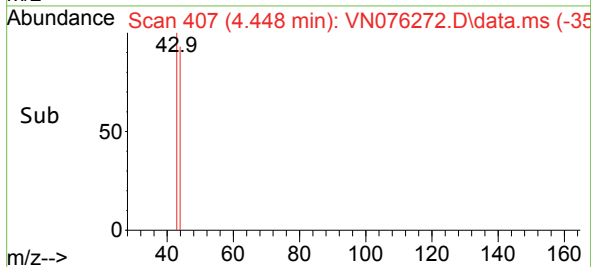
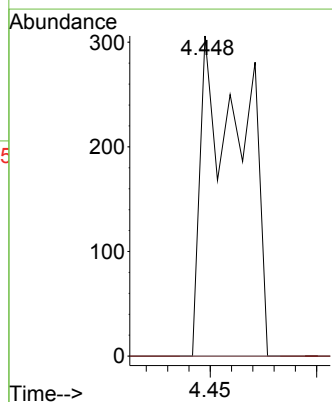
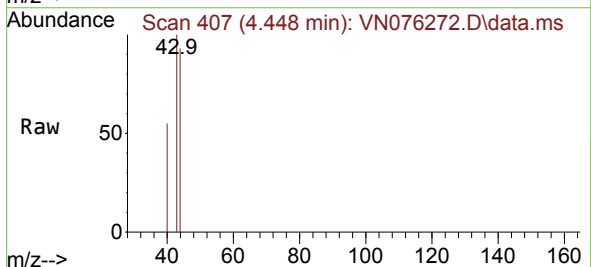
Instrument :
MSVOA_N
ClientSampleId :
VN0117WBL01

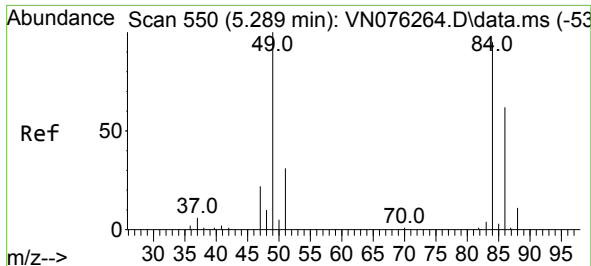
Tgt Ion: 56 Resp: 297
Ion Ratio Lower Upper
56 100
55 20.5 55.8 83.6#



#16
Acetone
Concen: 0.241 ug/l
RT: 4.448 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN076272.D
Acq: 17 Jan 2023 11:51

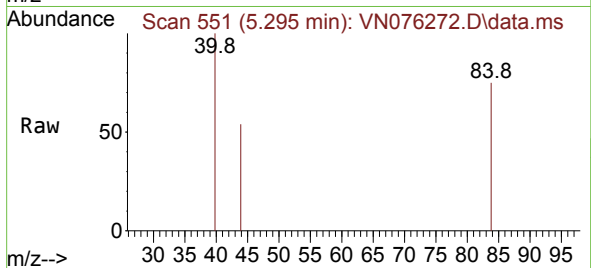
Tgt Ion: 43 Resp: 420
Ion Ratio Lower Upper
43 100
58 0.0 26.7 40.1#



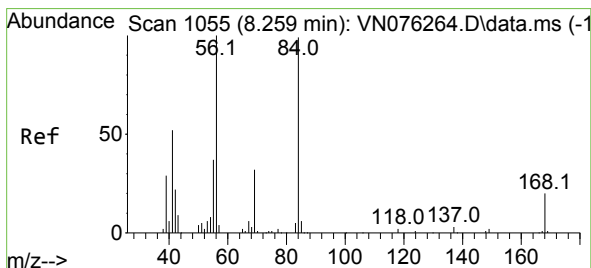
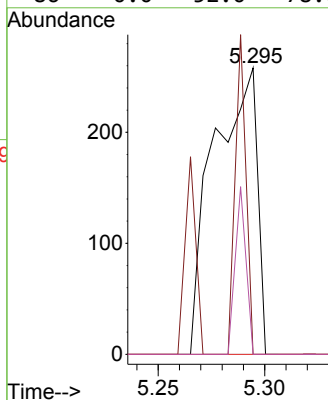
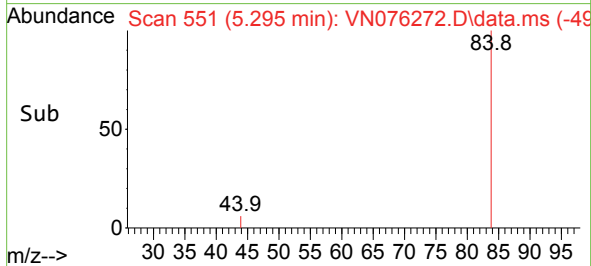


#20
Methylene Chloride
Concen: Below Cal
RT: 5.295 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN076272.D
Acq: 17 Jan 2023 11:51

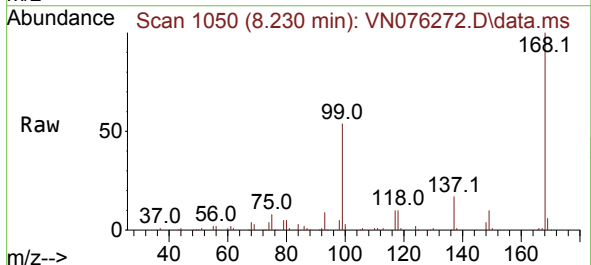
Instrument :
MSVOA_N
ClientSampleId :
VN0117WBL01



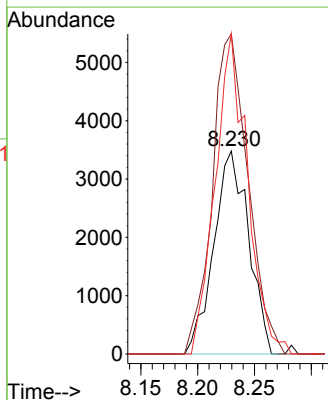
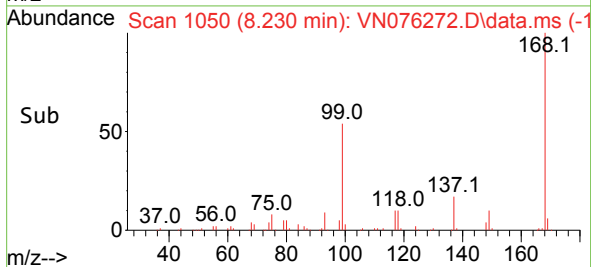
Tgt Ion: 84	Resp: 365
Ion Ratio	Lower Upper
84	100
49	0.0 84.5 126.7#
51	0.0 26.0 39.0#
86	0.0 52.0 78.0#

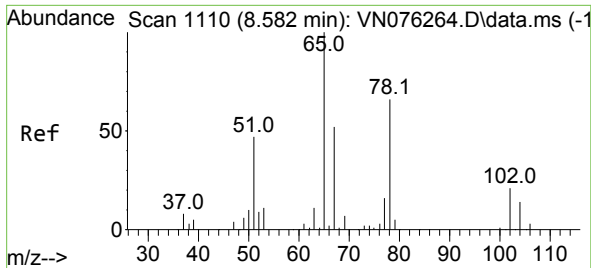


#31
Cyclohexane
Concen: 1.157 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.029 min
Lab File: VN076272.D
Acq: 17 Jan 2023 11:51



Tgt Ion: 56	Resp: 7412
Ion Ratio	Lower Upper
56	100
69	157.7 25.8 38.8#
84	157.7 79.0 118.4#

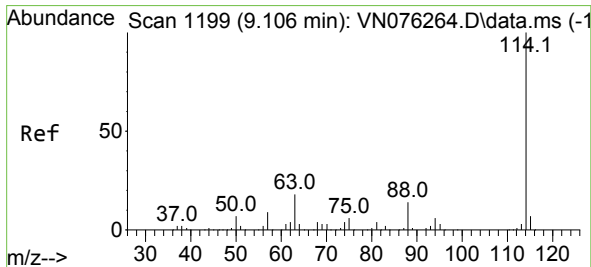
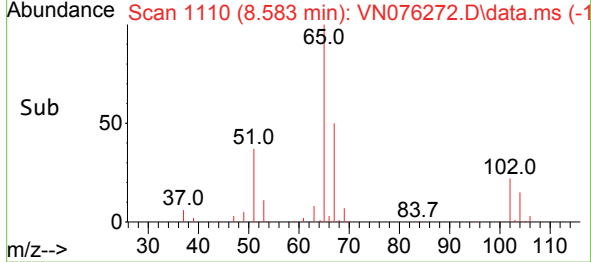
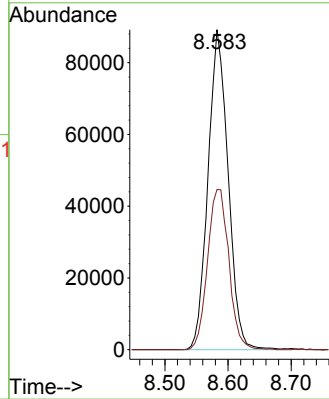
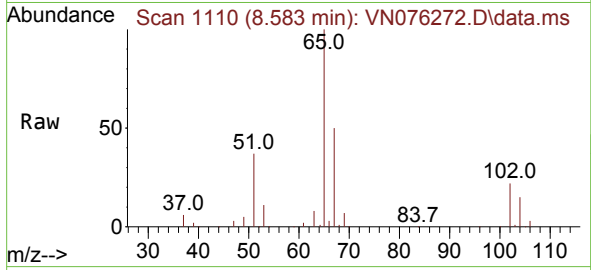




#33
 1,2-Dichloroethane-d4
 Concen: 47.277 ug/l
 RT: 8.583 min Scan# 1110
 Delta R.T. 0.001 min
 Lab File: VN076272.D
 Acq: 17 Jan 2023 11:51

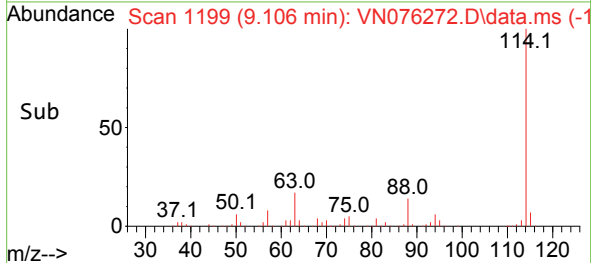
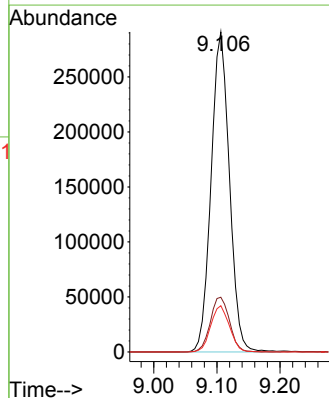
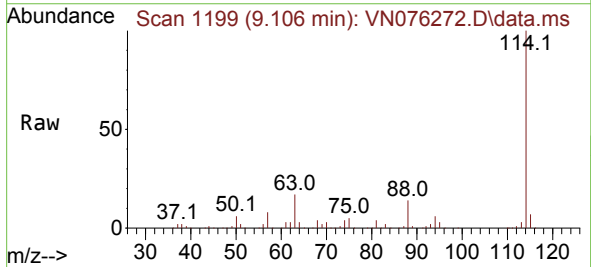
Instrument :
 MSVOA_N
 ClientSampleId :
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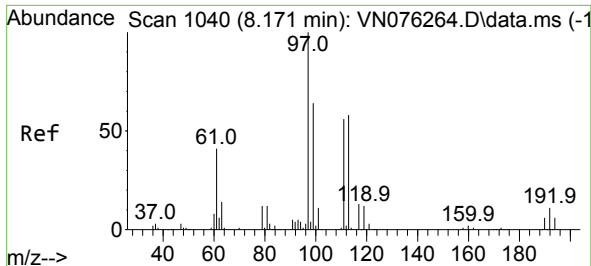
Tgt Ion: 65 Resp: 197183
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1199
 Delta R.T. 0.000 min
 Lab File: VN076272.D
 Acq: 17 Jan 2023 11:51

Tgt Ion: 114 Resp: 586465
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 35.8
 88 14.4 0.0 28.0

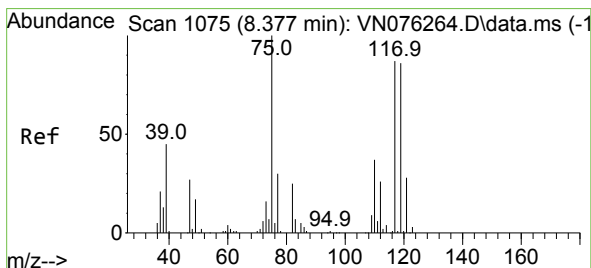
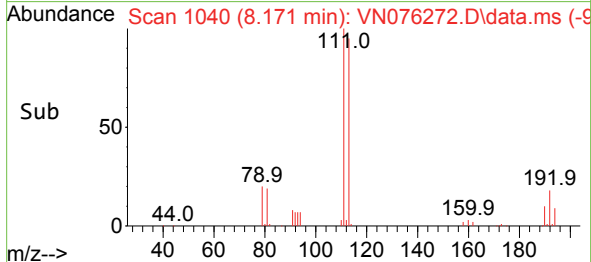
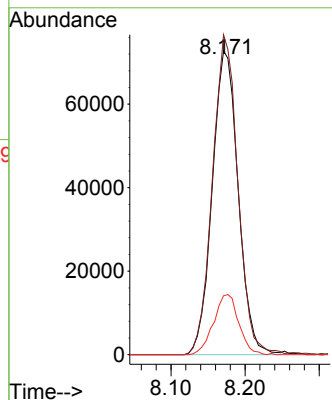
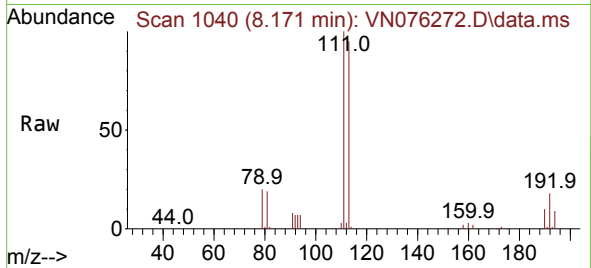




#35
Dibromofluoromethane
Concen: 48.249 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN076272.D
Acq: 17 Jan 2023 11:51

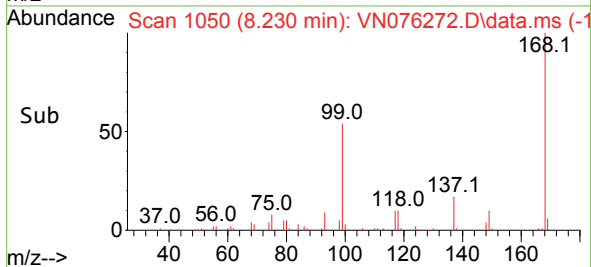
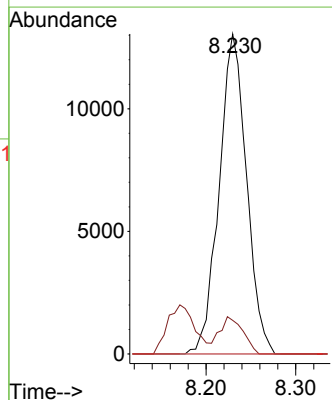
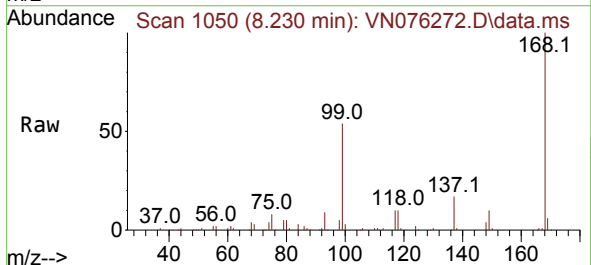
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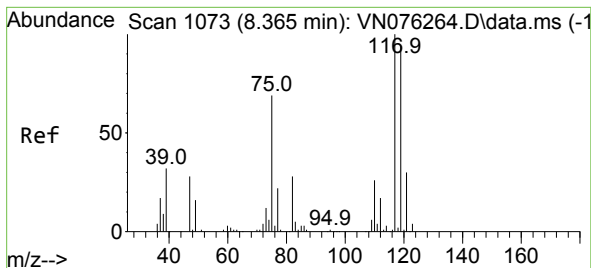
Tgt Ion:113 Resp: 177004
Ion Ratio Lower Upper
113 100
111 103.2 82.7 124.1
192 19.2 15.6 23.4



#36
1,1-Dichloropropene
Concen: 5.305 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN076272.D
Acq: 17 Jan 2023 11:51

Tgt Ion: 75 Resp: 27653
Ion Ratio Lower Upper
75 100
110 9.8 18.8 56.3#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 6.417 ug/l

RT: 8.230 min Scan# 1073

Delta R.T. -0.135 min

Lab File: VN076272.D

Acq: 17 Jan 2023 11:51

Instrument :

MSVOA_N

ClientSampleId :

VN0117WBL01

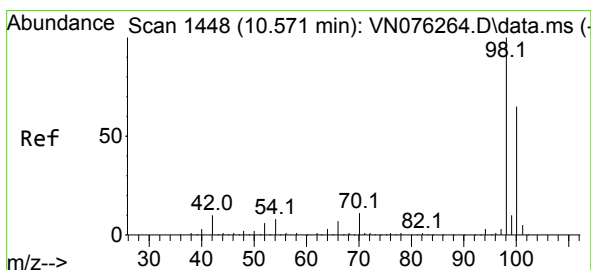
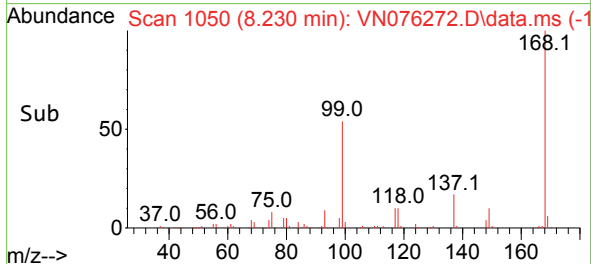
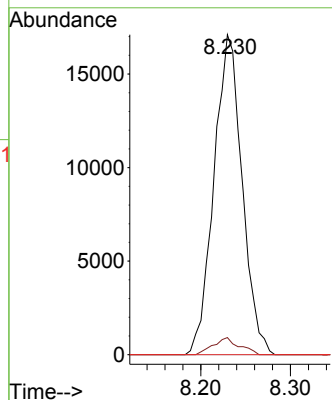
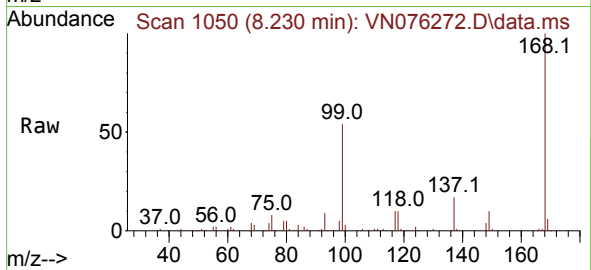
Tgt Ion:117 Resp: 37304

Ion Ratio Lower Upper

117 100

119 5.3 75.4 113.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 50.045 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076272.D

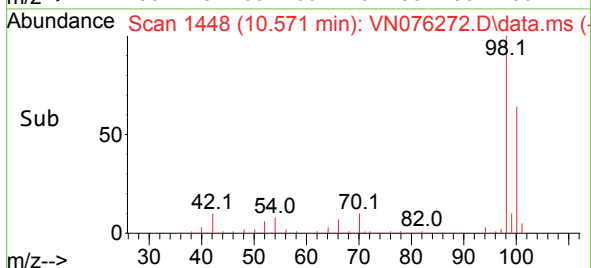
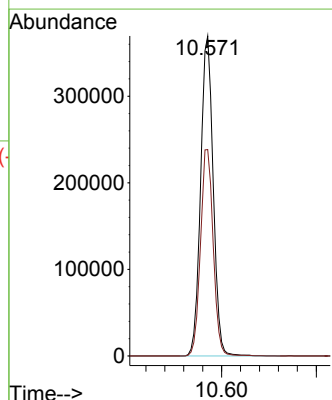
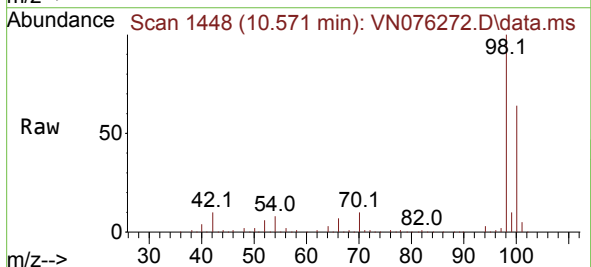
Acq: 17 Jan 2023 11:51

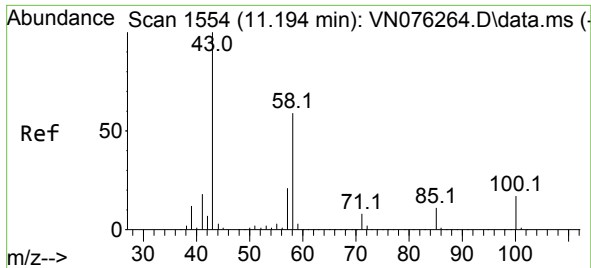
Tgt Ion: 98 Resp: 678038

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.4

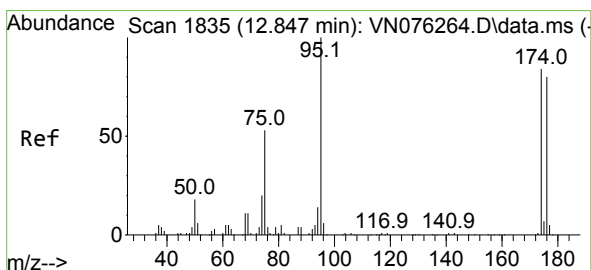
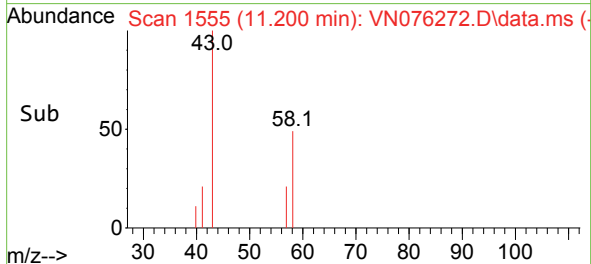
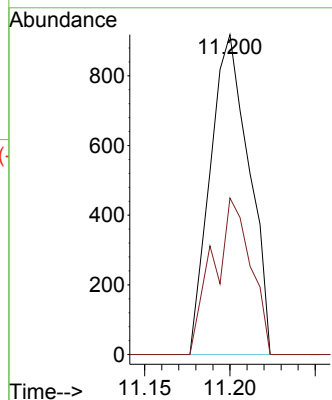
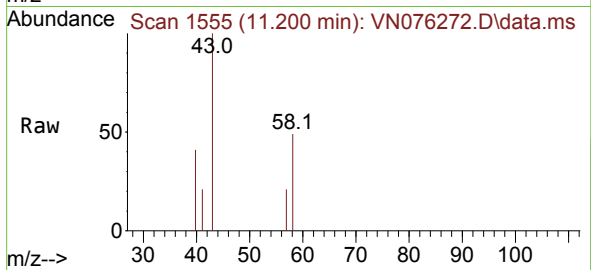




#59
2-Hexanone
Concen: 0.501 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076272.D
Acq: 17 Jan 2023 11:51

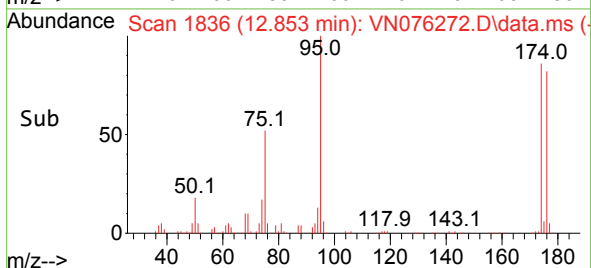
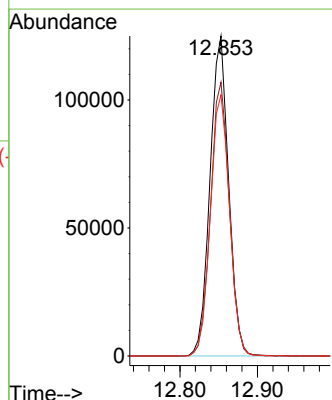
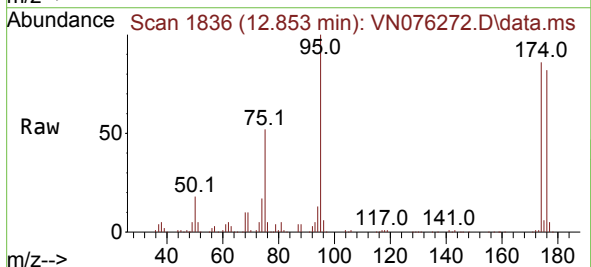
Instrument :
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VN0117WBL01

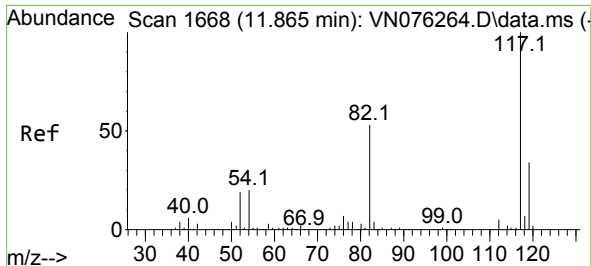
Tgt Ion: 43 Resp: 1450
Ion Ratio Lower Upper
43 100
58 47.7 30.1 90.3



#62
4-Bromofluorobenzene
Concen: 47.126 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076272.D
Acq: 17 Jan 2023 11:51

Tgt Ion: 95 Resp: 208438
Ion Ratio Lower Upper
95 100
174 86.5 0.0 174.6
176 83.5 0.0 167.8

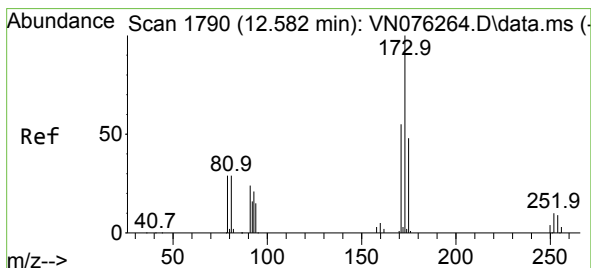
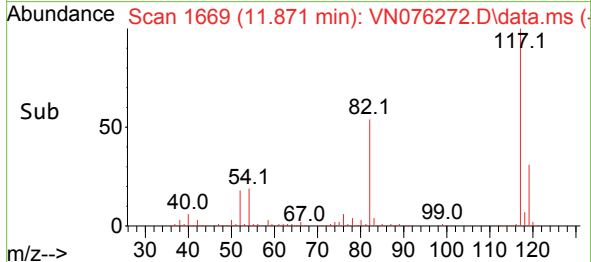
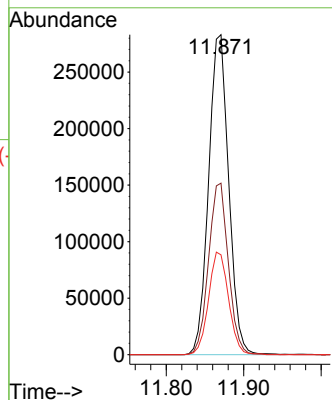
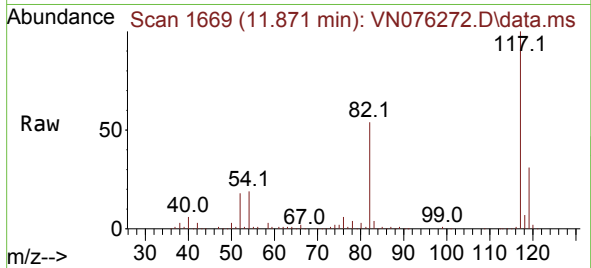




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN076272.D
Acq: 17 Jan 2023 11:51

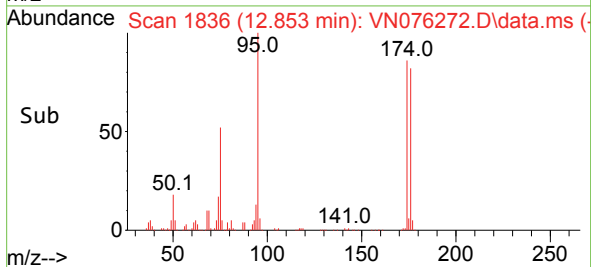
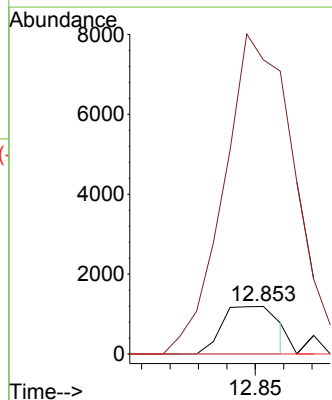
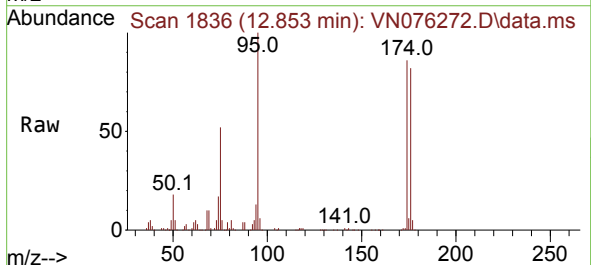
Instrument :
MSVOA_N
ClientSampleId :
VN0117WBL01

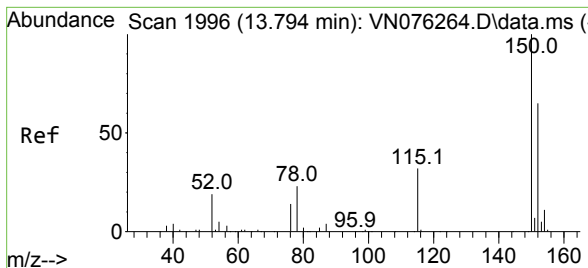
Tgt Ion:117 Resp: 509009
Ion Ratio Lower Upper
117 100
82 53.6 42.2 63.2
119 31.2 26.9 40.3



#71
Bromoform
Concen: 0.564 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN076272.D
Acq: 17 Jan 2023 11:51

Tgt Ion:173 Resp: 1631
Ion Ratio Lower Upper
173 100
175 689.4 24.1 72.4#
254 0.0 0.0 0.0

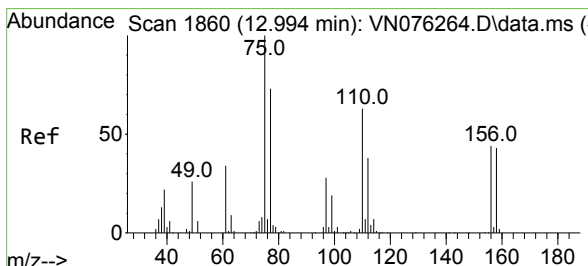
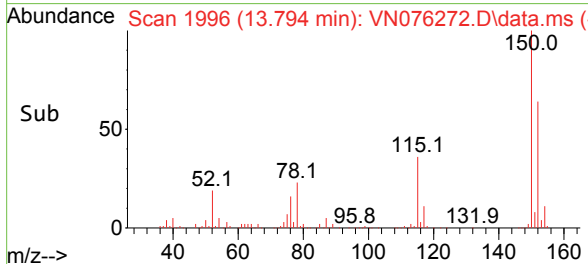
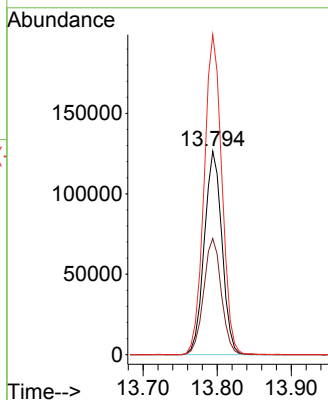
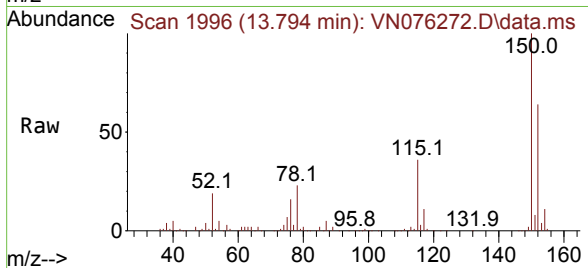




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN076272.D
 Acq: 17 Jan 2023 11:51

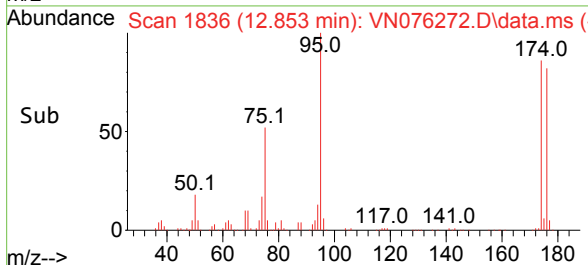
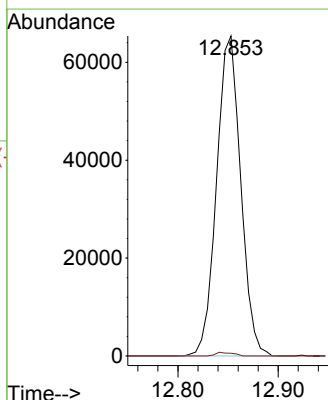
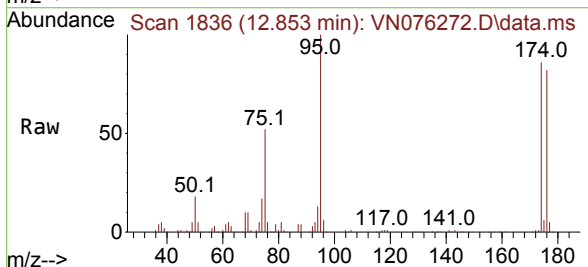
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0117WBL01

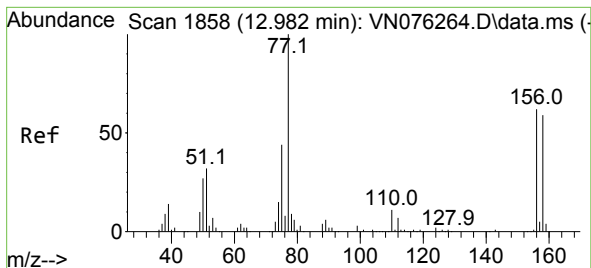
Tgt Ion:152 Resp: 209402
 Ion Ratio Lower Upper
 152 100
 115 57.3 29.6 88.9
 150 158.4 0.0 351.4



#76
 1,2,3-Trichloropropane
 Concen: 28.230 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. -0.141 min
 Lab File: VN076272.D
 Acq: 17 Jan 2023 11:51

Tgt Ion: 75 Resp: 109265
 Ion Ratio Lower Upper
 75 100
 77 0.8 75.2 225.6#





#77

Bromobenzene

Concen: Below Cal

RT: 12.982 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VN076272.D

Acq: 17 Jan 2023 11:51

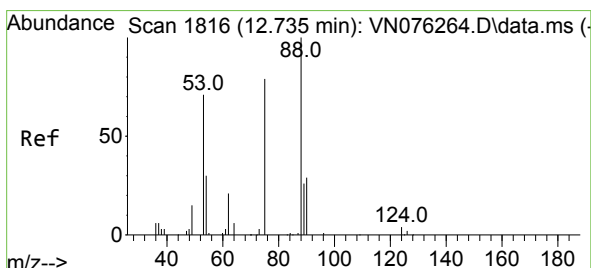
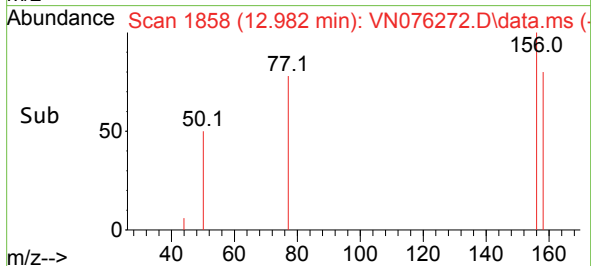
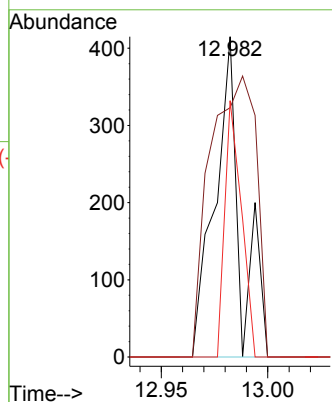
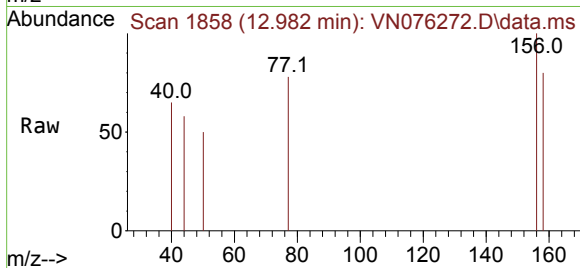
Instrument :

MSVOA_N

ClientSampleId :

VN0117WBL01

Tgt Ion:	156	Resp:	344
Ion	Ratio	Lower	Upper
156	100		
77	159.0	93.4	280.2
158	52.3	48.4	145.2



#81

trans-1,4-Dichloro-2-butene

Concen: 86.818 ug/l

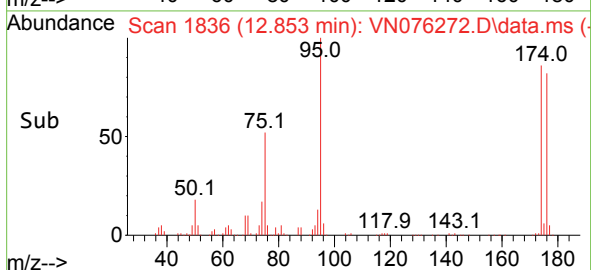
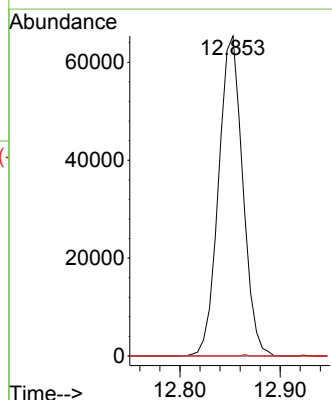
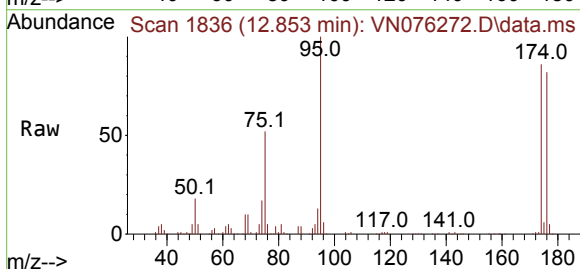
RT: 12.853 min Scan# 1836

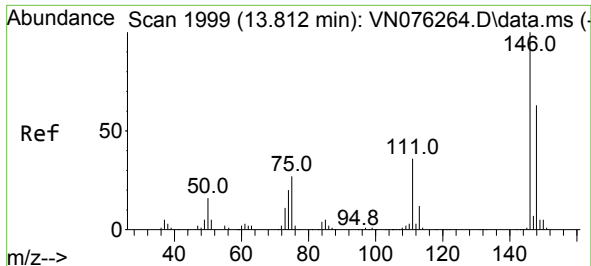
Delta R.T. 0.118 min

Lab File: VN076272.D

Acq: 17 Jan 2023 11:51

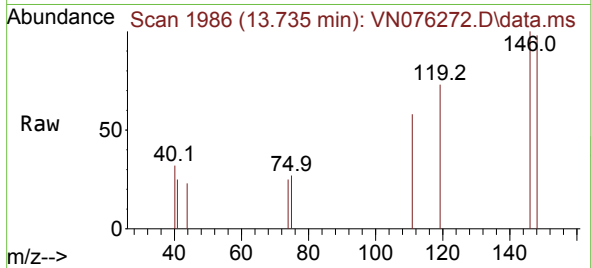
Tgt Ion:	75	Resp:	109265
Ion	Ratio	Lower	Upper
75	100		
53	0.0	75.8	113.8#
89	0.1	37.0	55.6#



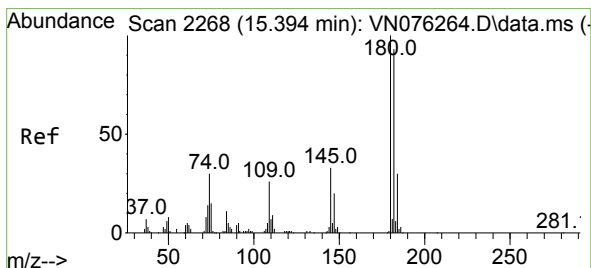
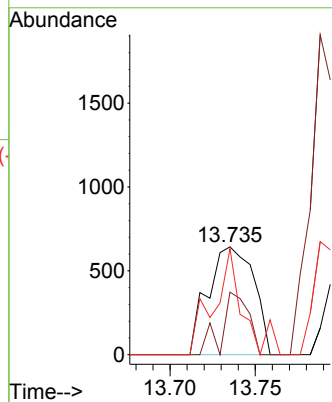
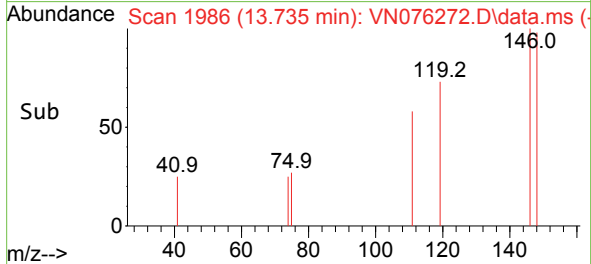


#88
 1,4-Dichlorobenzene
 Concen: 0.267 ug/l
 RT: 13.735 min Scan# 1999
 Delta R.T. -0.077 min
 Lab File: VN076272.D
 Acq: 17 Jan 2023 11:51

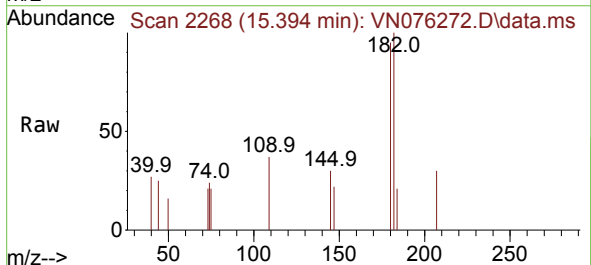
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0117WBL01



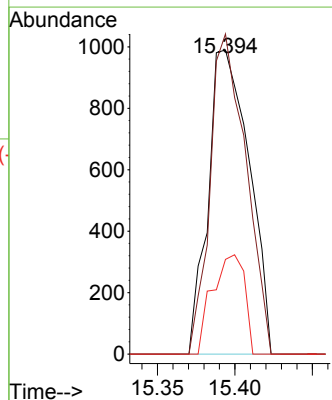
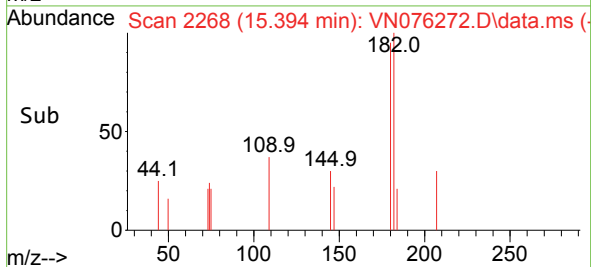
Tgt Ion:146 Resp: 1204
 Ion Ratio Lower Upper
 146 100
 111 33.4 19.1 57.5
 148 63.0 31.9 95.9

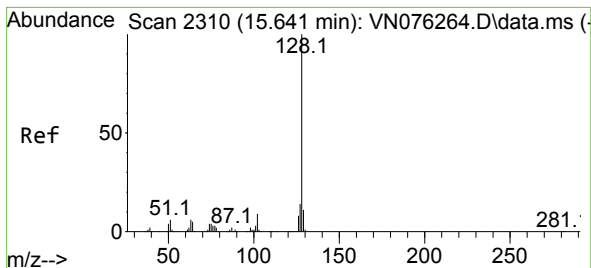


#93
 1,2,4-Trichlorobenzene
 Concen: 1.788 ug/l
 RT: 15.394 min Scan# 2268
 Delta R.T. -0.000 min
 Lab File: VN076272.D
 Acq: 17 Jan 2023 11:51



Tgt Ion:180 Resp: 1823
 Ion Ratio Lower Upper
 180 100
 182 92.0 47.0 141.2
 145 25.5 15.2 45.5





#95

Naphthalene

Concen: 2.507 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. -0.000 min

Lab File: VN076272.D

Acq: 17 Jan 2023 11:51

Instrument :

MSVOA_N

ClientSampleId :

VN0117WBL01

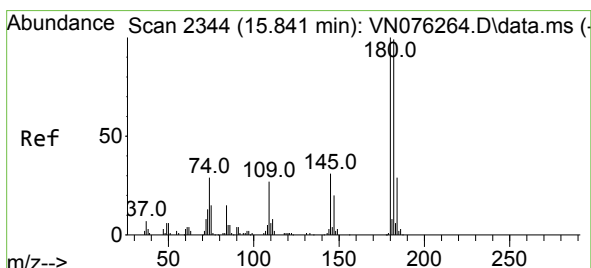
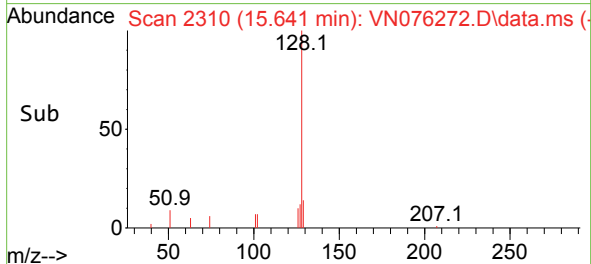
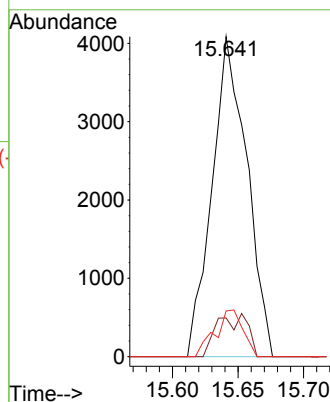
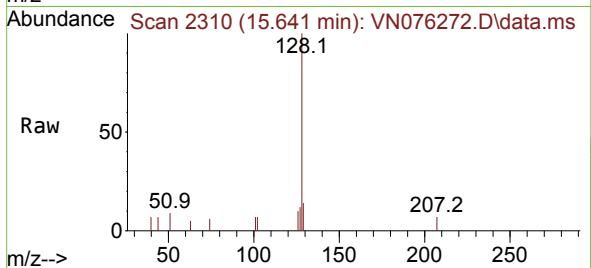
Tgt Ion:128 Resp: 7543

Ion Ratio Lower Upper

128 100

127 11.7 10.3 15.5

129 11.6 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 1.596 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. -0.000 min

Lab File: VN076272.D

Acq: 17 Jan 2023 11:51

Tgt Ion:180 Resp: 1584

Ion Ratio Lower Upper

180 100

182 125.6 47.5 142.5

145 19.9 15.9 47.6

