

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022723\
 Data File : VN076816.D
 Acq On : 27 Feb 2023 10:40
 Operator : JC\MD
 Sample : VN0227WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0227WBL01

Quant Time: Feb 28 01:49:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

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

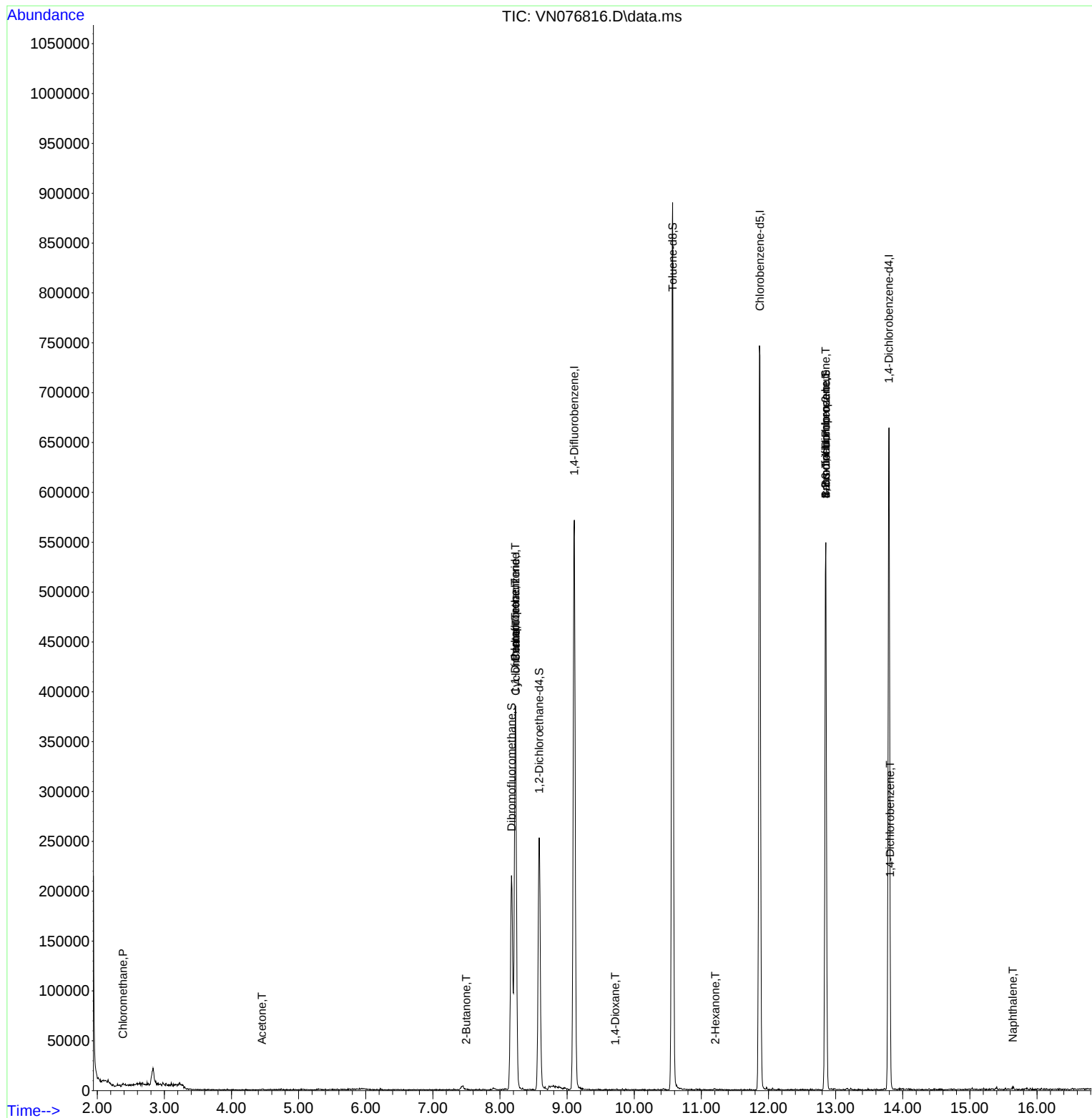
Internal Standards						
1) Pentafluorobenzene	8.230	168	270546	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	485223	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	419508	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	164129	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	197621	52.899	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.800%			
35) Dibromofluoromethane	8.172	113	148273	46.661	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.320%			
50) Toluene-d8	10.571	98	587983	49.548	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.100%			
62) 4-Bromofluorobenzene	12.854	95	167277	42.560	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 85.120%			
Target Compounds					Qvalue	
3) Chloromethane	2.384	50	862	0.230	ug/l #	66
16) Acetone	4.454	43	1082	0.648	ug/l #	42
25) 2-Butanone	7.495	43	493	0.200	ug/l #	51
31) Cyclohexane	8.236	56	7591	1.295	ug/l #	48
36) 1,1-Dichloropropene	8.225	75	24707	5.381	ug/l #	50
38) Carbon Tetrachloride	8.230	117	27214	5.876	ug/l #	19
49) 1,4-Dioxane	9.719	88	60	0.930	ug/l #	6
59) 2-Hexanone	11.207	43	971	0.269	ug/l #	40
71) Bromoform	12.854	173	2281	0.963	ug/l #	1
76) 1,2,3-Trichloropropane	12.854	75	96635	29.123	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	96635	84.821	ug/l #	4
88) 1,4-Dichlorobenzene	13.812	146	1773	0.314	ug/l #	49
95) Naphthalene	15.642	128	2544	0.289	ug/l #	87

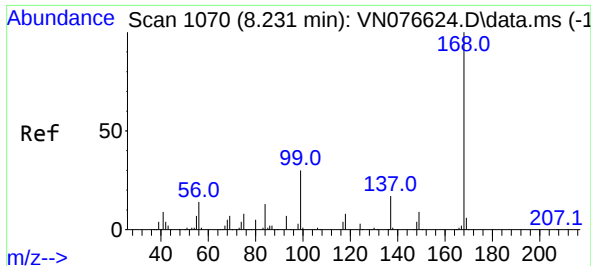
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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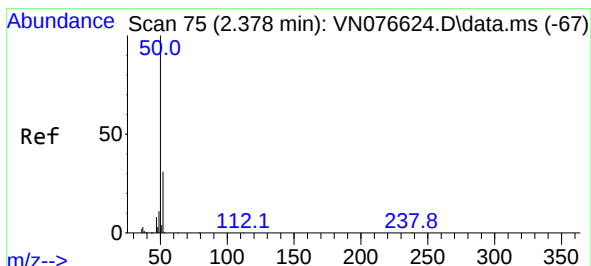
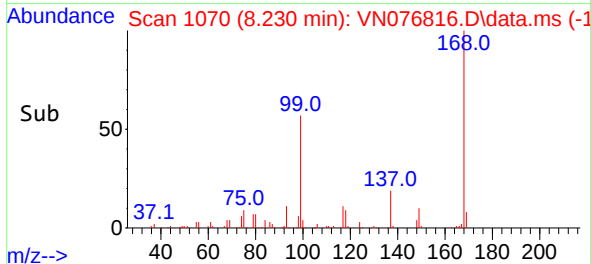
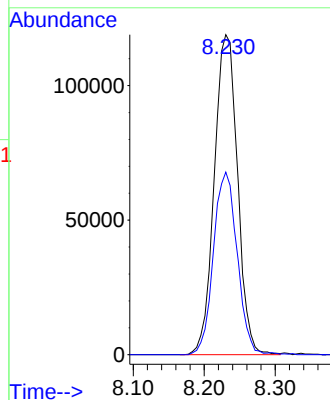
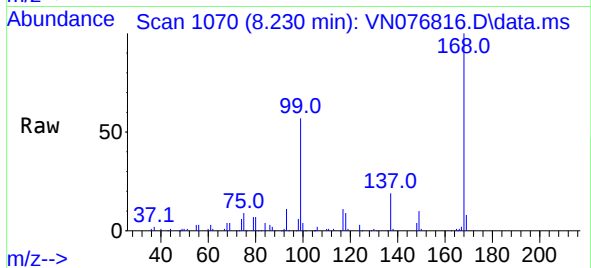




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN076816.D
Acq: 27 Feb 2023 10:40

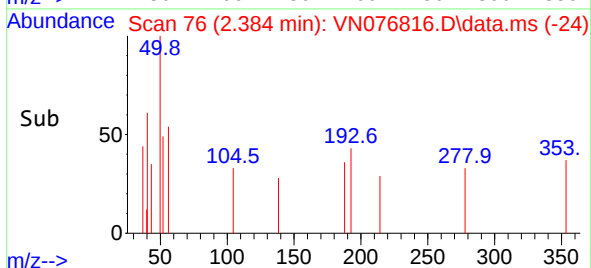
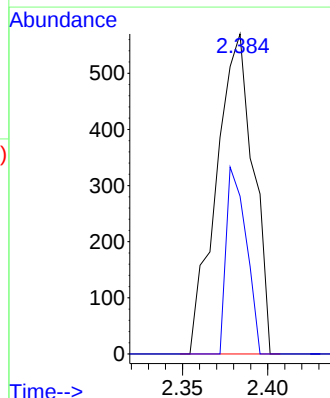
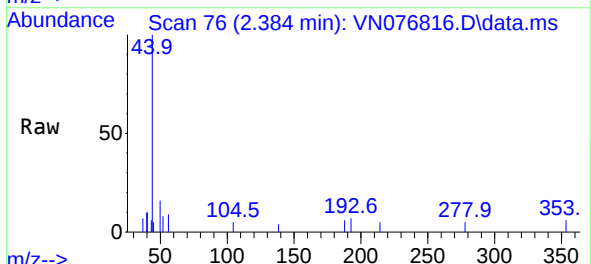
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBL01

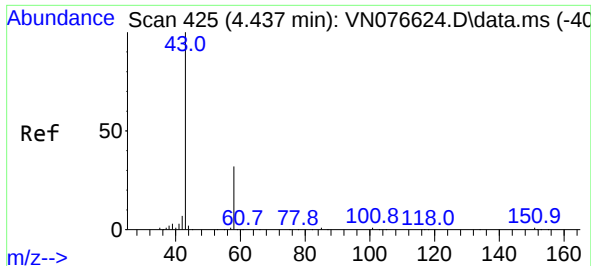
Tgt Ion:168 Resp: 270546
Ion Ratio Lower Upper
168 100
99 57.1 44.8 67.2



#3
Chloromethane
Concen: 0.230 ug/l
RT: 2.384 min Scan# 76
Delta R.T. 0.006 min
Lab File: VN076816.D
Acq: 27 Feb 2023 10:40

Tgt Ion: 50 Resp: 862
Ion Ratio Lower Upper
50 100
52 49.3 24.7 37.1#

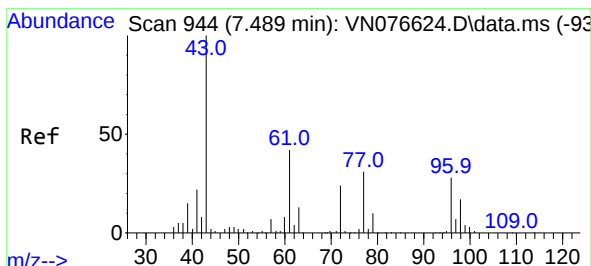
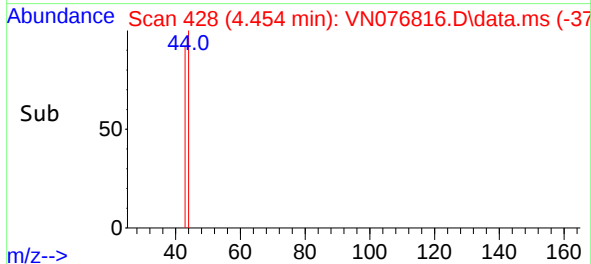
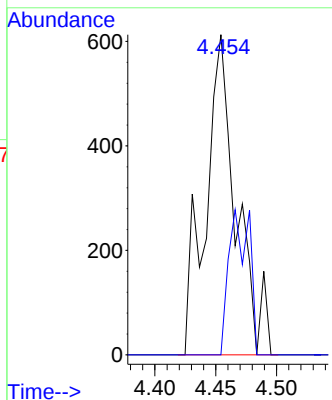
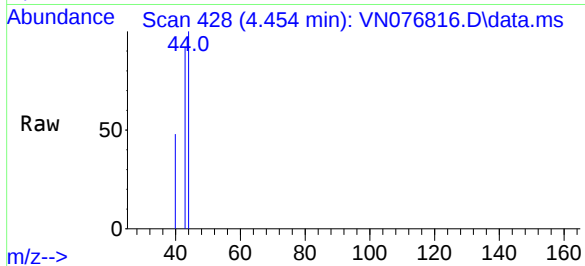




#16
Acetone
Concen: 0.648 ug/l
RT: 4.454 min Scan# 431
Delta R.T. 0.017 min
Lab File: VN076816.D
Acq: 27 Feb 2023 10:40

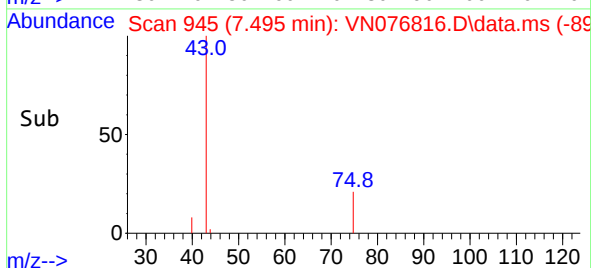
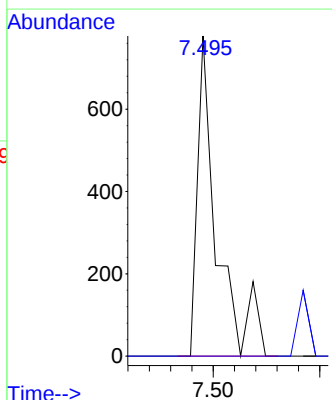
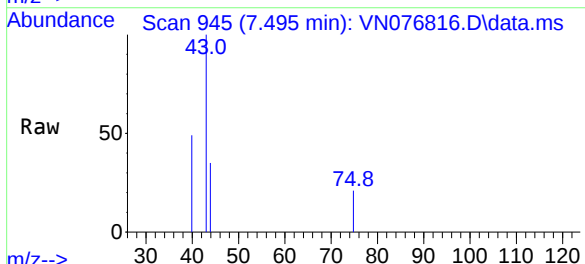
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBL01

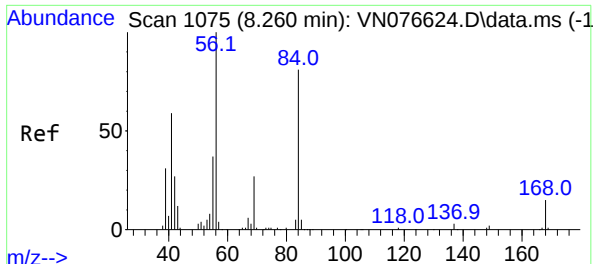
Tgt Ion: 43 Resp: 1082
Ion Ratio Lower Upper
43 100
58 0.0 25.9 38.9#



#25
2-Butanone
Concen: 0.200 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN076816.D
Acq: 27 Feb 2023 10:40

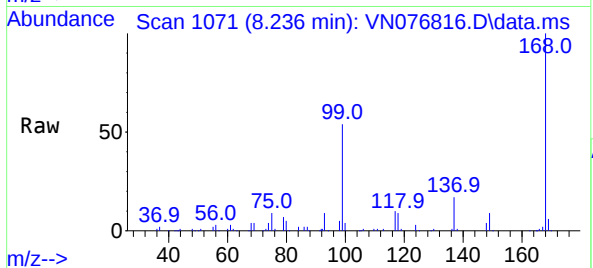
Tgt Ion: 43 Resp: 493
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



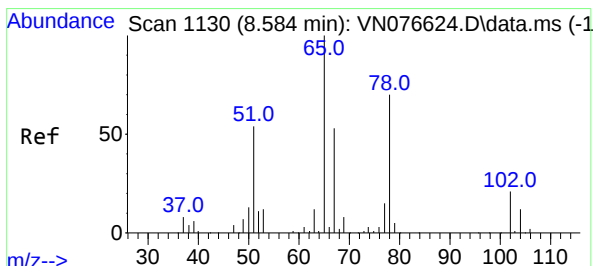
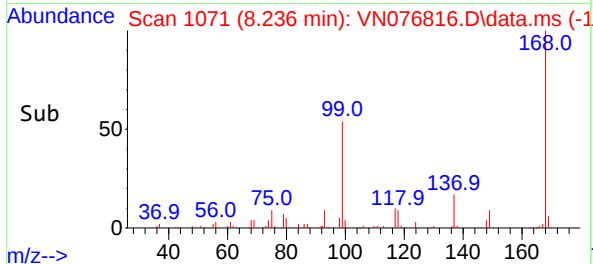
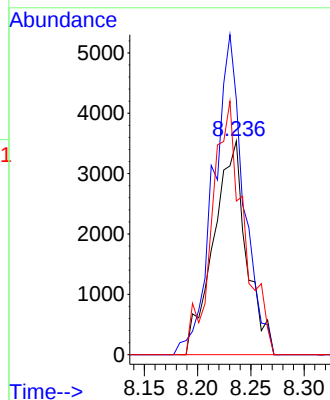


#31
Cyclohexane
Concen: 1.295 ug/l
RT: 8.236 min Scan# 1075
Delta R.T. -0.024 min
Lab File: VN076816.D
Acq: 27 Feb 2023 10:40

Instrument :
MSVOA_N
ClientSampleId :
VN0227WBL01

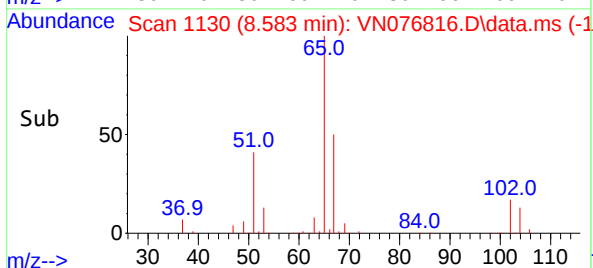
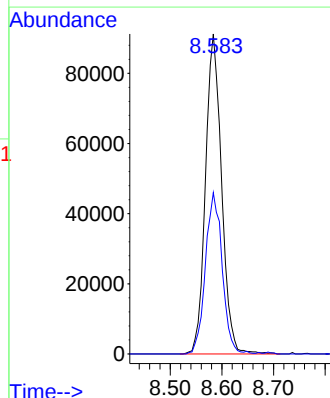
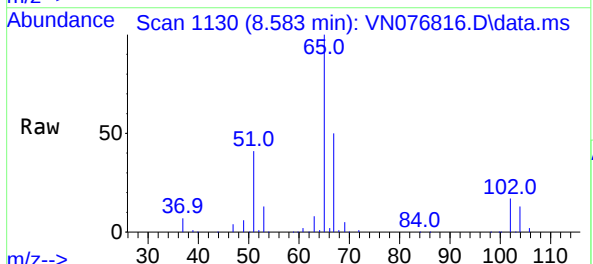


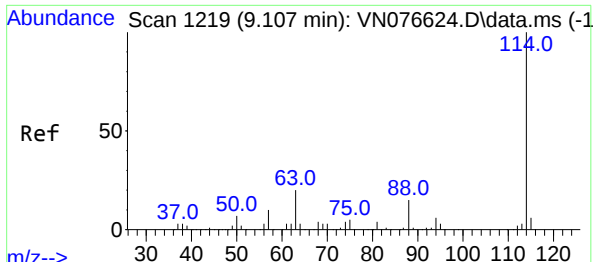
Tgt Ion: 56 Resp: 7591
Ion Ratio Lower Upper
56 100
69 119.4 21.6 32.4#
84 71.9 65.1 97.7



#33
1,2-Dichloroethane-d4
Concen: 52.899 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.001 min
Lab File: VN076816.D
Acq: 27 Feb 2023 10:40

Tgt Ion: 65 Resp: 197621
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.6

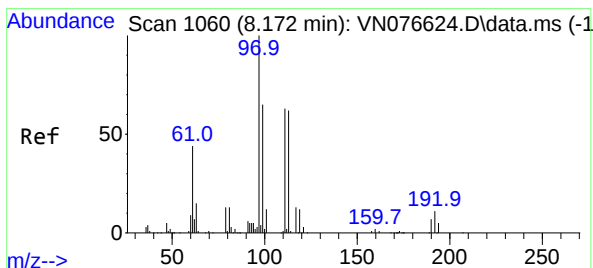
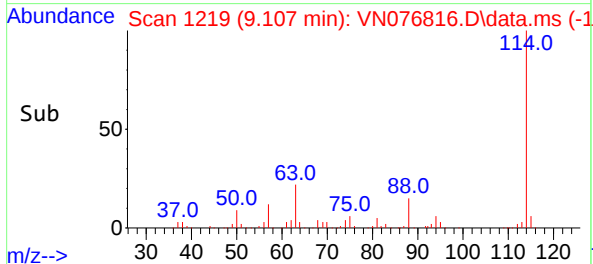
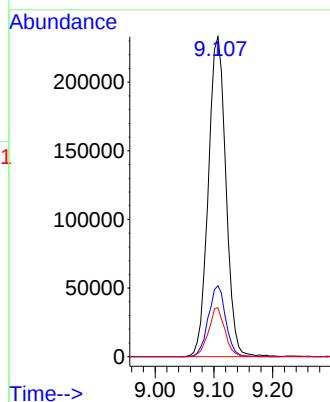
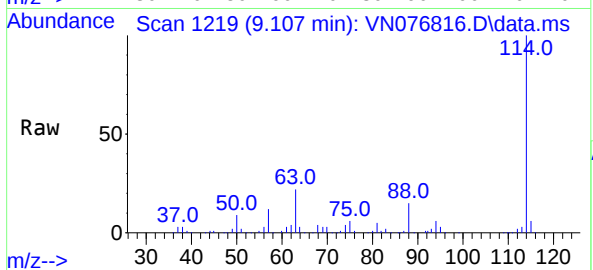




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076816.D
Acq: 27 Feb 2023 10:40

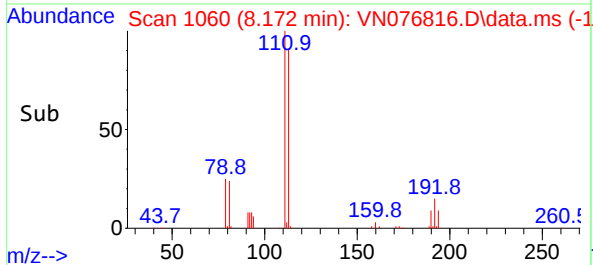
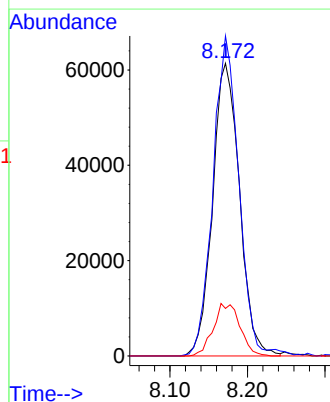
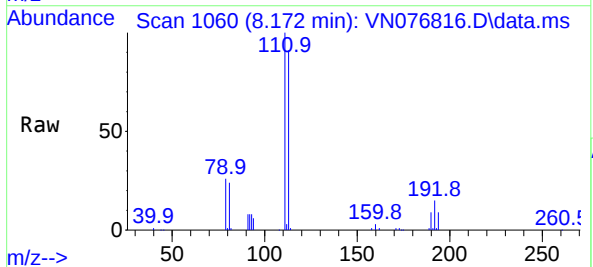
Instrument :
MSVOA_N
ClientSampleId :
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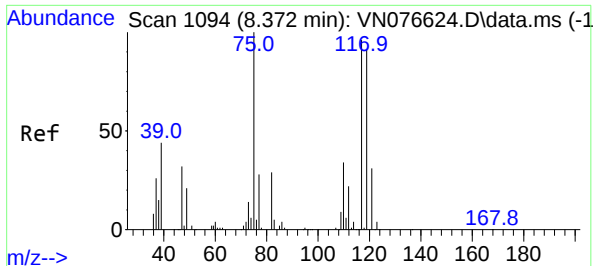
Tgt Ion:114 Resp: 485223
Ion Ratio Lower Upper
114 100
63 22.1 0.0 40.0
88 15.3 0.0 29.6



#35
Dibromofluoromethane
Concen: 46.661 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076816.D
Acq: 27 Feb 2023 10:40

Tgt Ion:113 Resp: 148273
Ion Ratio Lower Upper
113 100
111 105.4 83.1 124.7
192 17.7 15.6 23.4





#36

1,1-Dichloropropene

Concen: 5.381 ug/l

RT: 8.225 min Scan# 1069

Delta R.T. -0.147 min

Lab File: VN076816.D

Acq: 27 Feb 2023 10:40

Instrument :

MSVOA_N

ClientSampleId :

VN0227WBL01

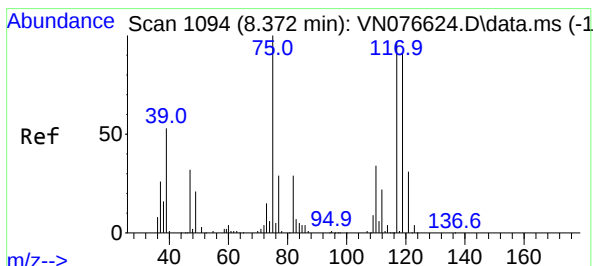
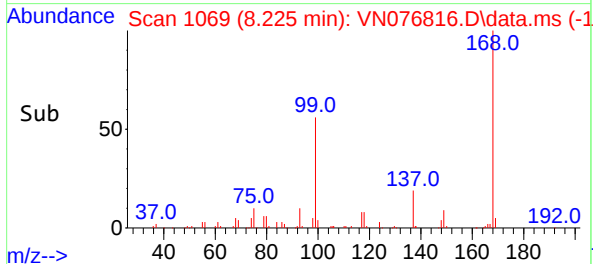
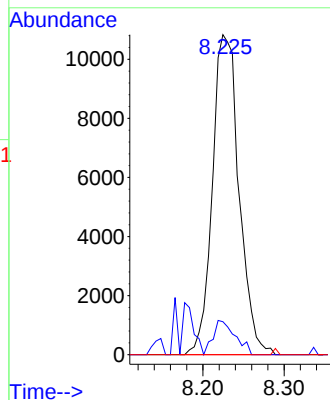
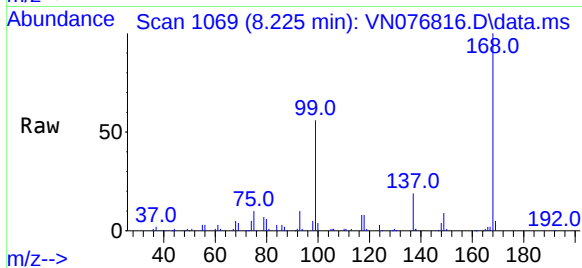
Tgt Ion: 75 Resp: 24707

Ion Ratio Lower Upper

75 100

110 8.9 17.5 52.5#

77 0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 5.876 ug/l

RT: 8.230 min Scan# 1070

Delta R.T. -0.142 min

Lab File: VN076816.D

Acq: 27 Feb 2023 10:40

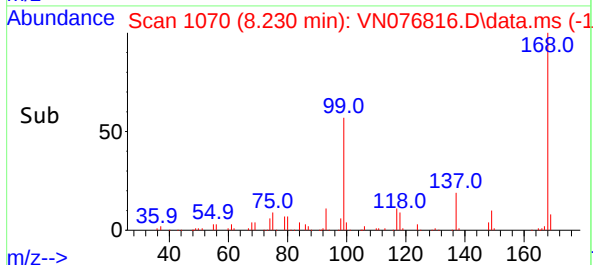
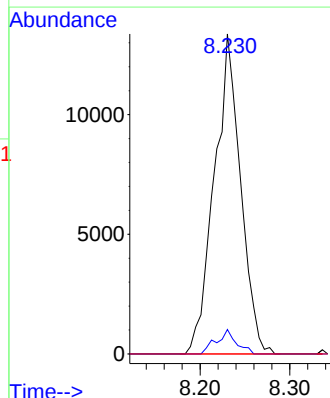
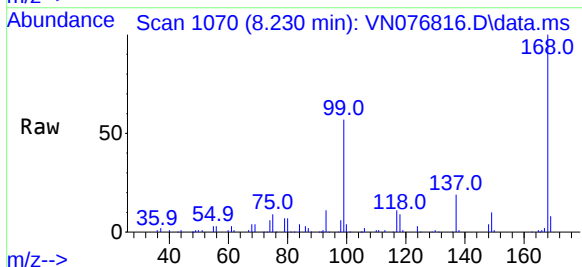
Tgt Ion: 117 Resp: 27214

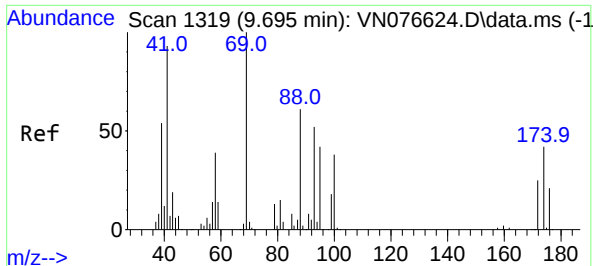
Ion Ratio Lower Upper

117 100

119 7.7 75.4 113.0#

121 0.0 26.0 39.0#

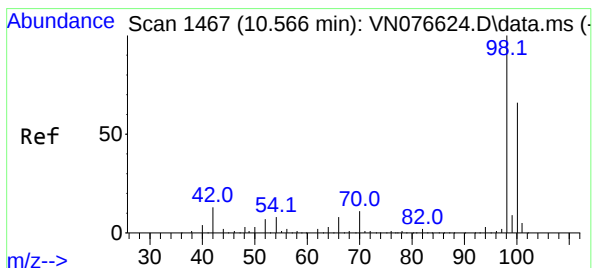
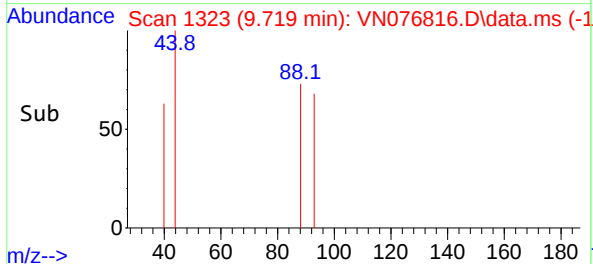
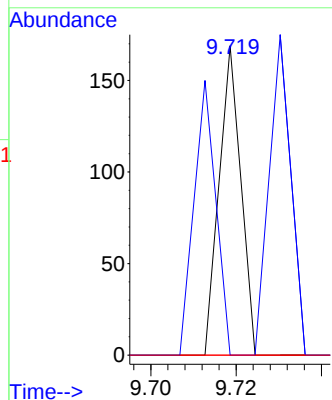
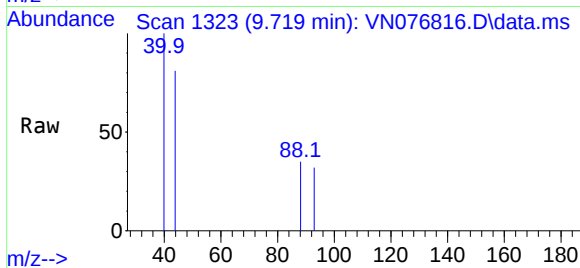




#49
1,4-Dioxane
Concen: 0.930 ug/l
RT: 9.719 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN076816.D
Acq: 27 Feb 2023 10:40

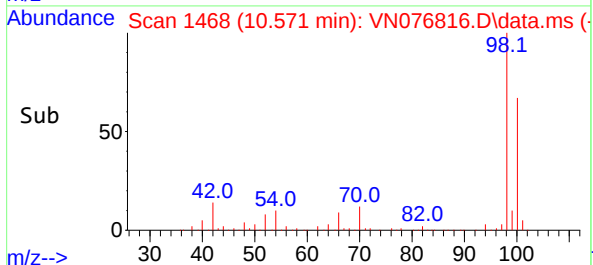
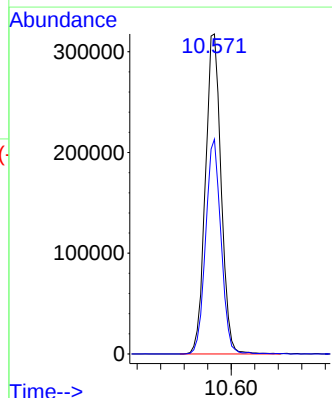
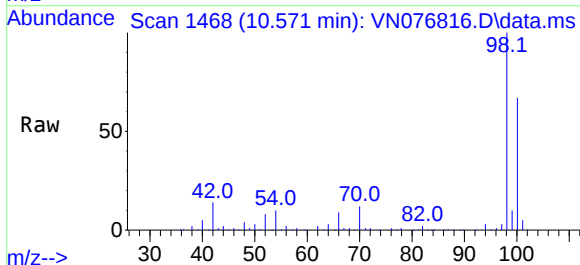
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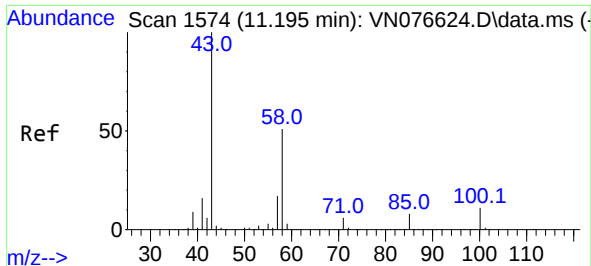
Tgt Ion: 88 Resp: 60
Ion Ratio Lower Upper
88 100
43 88.3 22.6 33.8#
58 0.0 57.6 86.4#



#50
Toluene-d8
Concen: 49.548 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. 0.005 min
Lab File: VN076816.D
Acq: 27 Feb 2023 10:40

Tgt Ion: 98 Resp: 587983
Ion Ratio Lower Upper
98 100
100 65.4 52.9 79.3

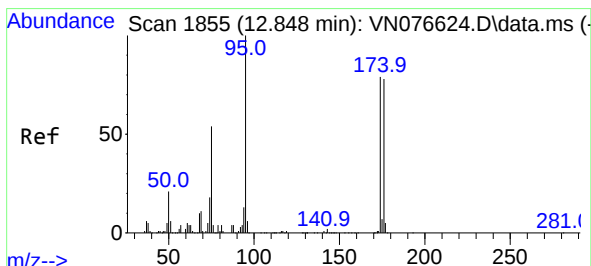
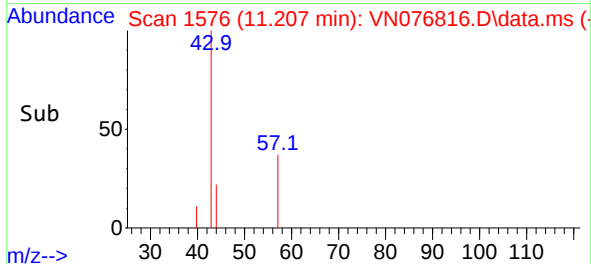
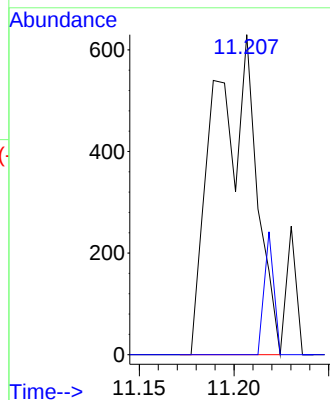
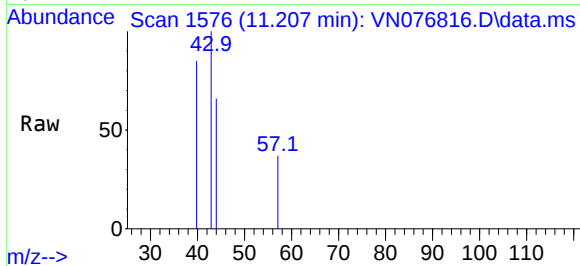




#59
2-Hexanone
Concen: 0.269 ug/l
RT: 11.207 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN076816.D
Acq: 27 Feb 2023 10:40

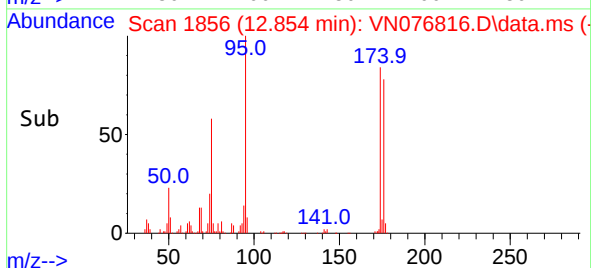
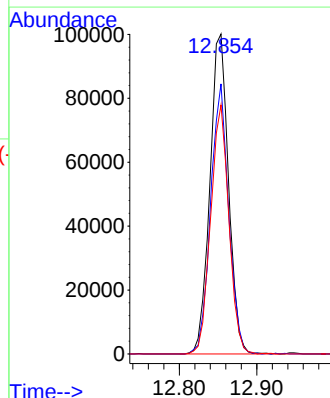
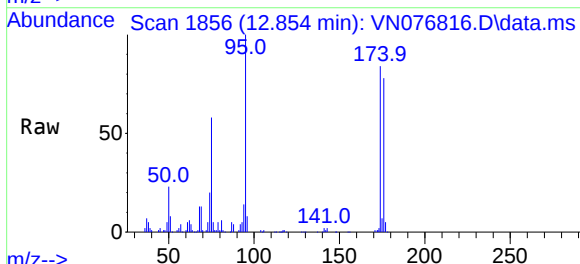
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBL01

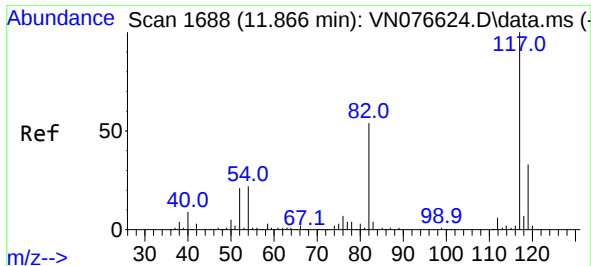
Tgt Ion: 43 Resp: 971
Ion Ratio Lower Upper
43 100
58 8.8 25.4 76.0#



#62
4-Bromofluorobenzene
Concen: 42.560 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076816.D
Acq: 27 Feb 2023 10:40

Tgt Ion: 95 Resp: 167277
Ion Ratio Lower Upper
95 100
174 81.6 0.0 169.2
176 75.9 0.0 163.4

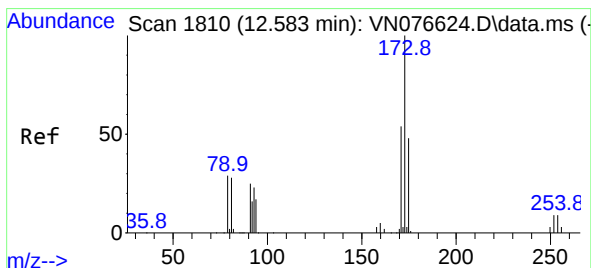
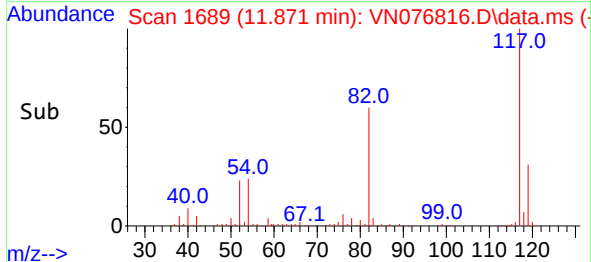
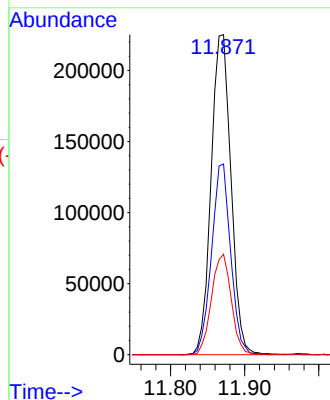
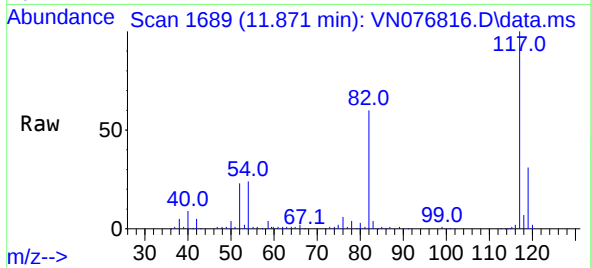




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.005 min
Lab File: VN076816.D
Acq: 27 Feb 2023 10:40

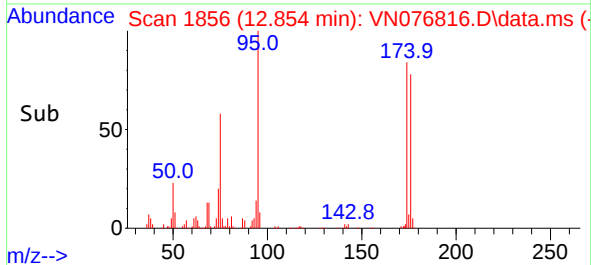
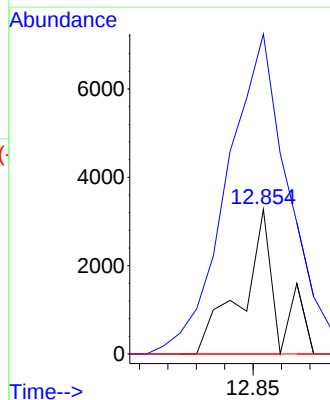
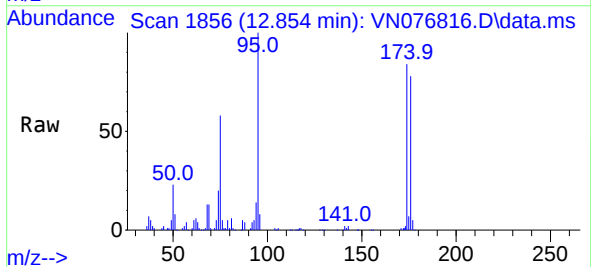
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBL01

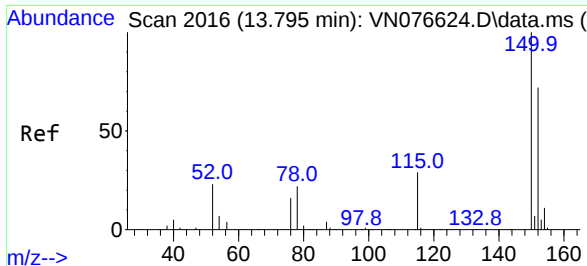
Tgt Ion:117 Resp: 419508
Ion Ratio Lower Upper
117 100
82 59.6 43.4 65.2
119 31.4 26.1 39.1



#71
Bromoform
Concen: 0.963 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.271 min
Lab File: VN076816.D
Acq: 27 Feb 2023 10:40

Tgt Ion:173 Resp: 2281
Ion Ratio Lower Upper
173 100
175 403.2 24.9 74.7#
254 0.0 0.1 0.1#

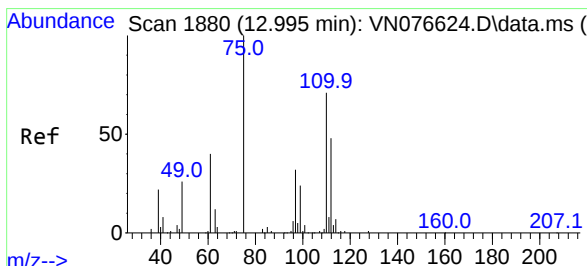
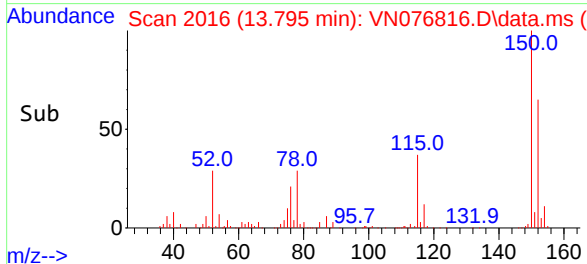
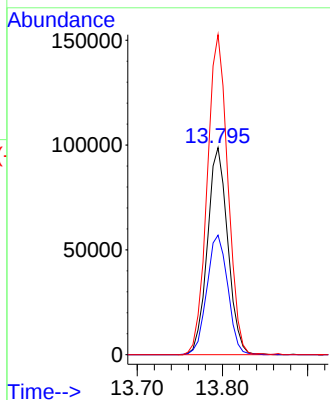
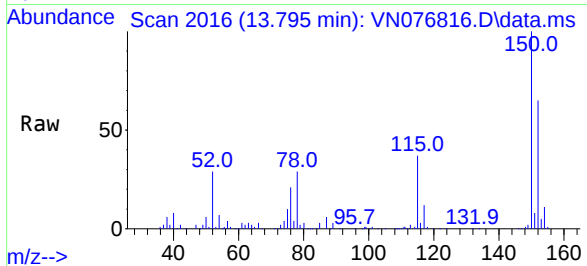




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.795 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN076816.D
 Acq: 27 Feb 2023 10:40

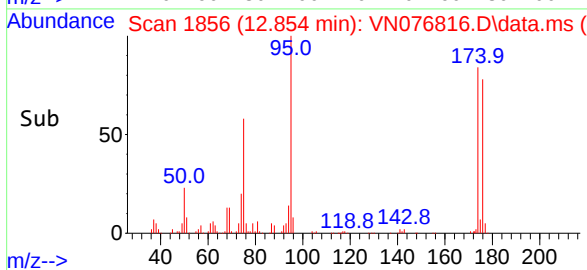
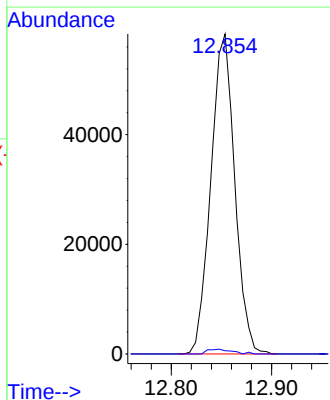
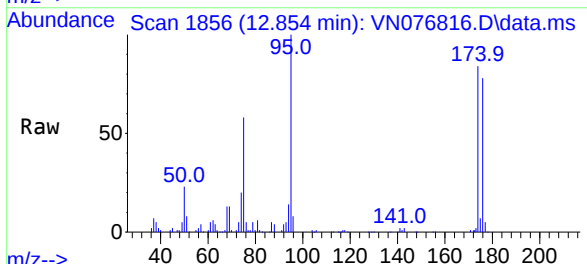
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0227WBL01

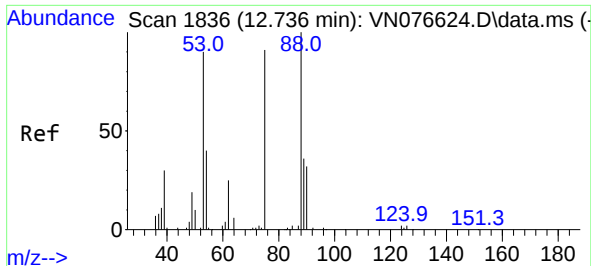
Tgt Ion:152 Resp: 164129
 Ion Ratio Lower Upper
 152 100
 115 59.4 29.3 87.9
 150 156.2 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 29.123 ug/l
 RT: 12.854 min Scan# 1856
 Delta R.T. -0.141 min
 Lab File: VN076816.D
 Acq: 27 Feb 2023 10:40

Tgt Ion: 75 Resp: 96635
 Ion Ratio Lower Upper
 75 100
 77 1.5 93.1 279.3#

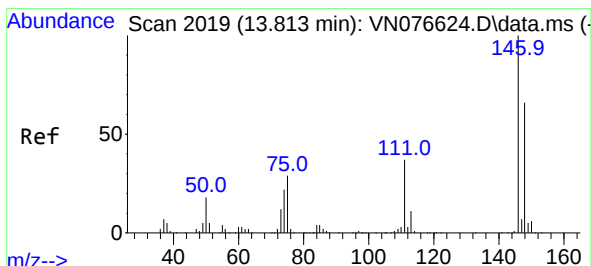
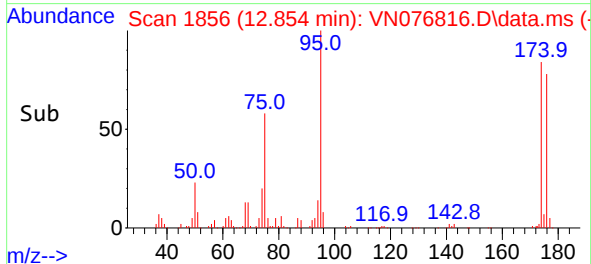
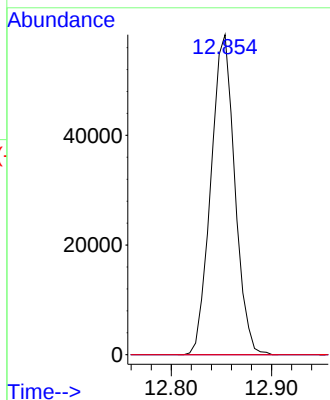
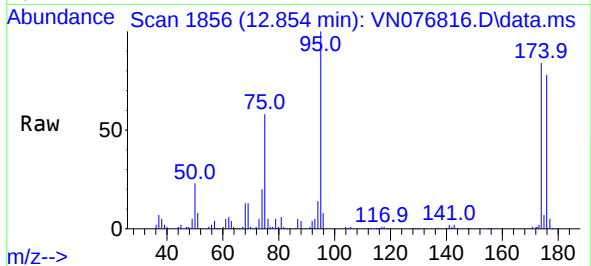




#81
trans-1,4-Dichloro-2-butene
Concen: 84.821 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.118 min
Lab File: VN076816.D
Acq: 27 Feb 2023 10:40

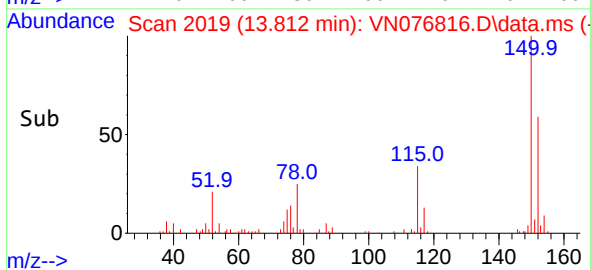
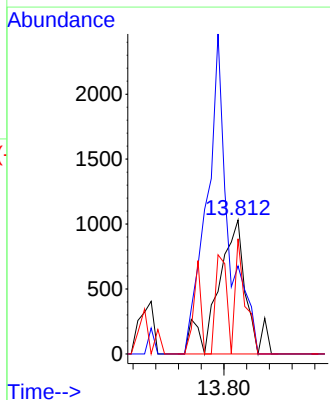
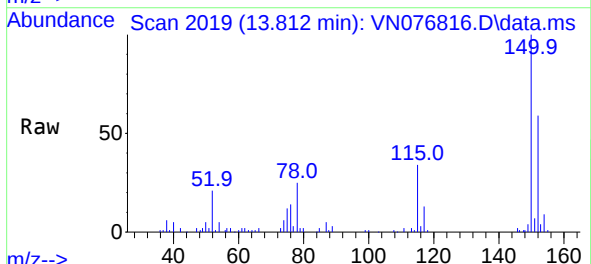
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBL01

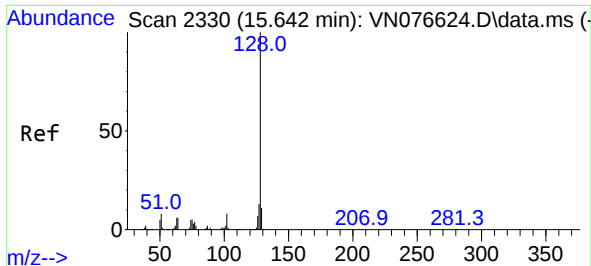
Tgt Ion: 75 Resp: 96635
Ion Ratio Lower Upper
75 100
53 0.0 92.1 138.1#
89 0.0 37.5 56.3#



#88
1,4-Dichlorobenzene
Concen: 0.314 ug/l
RT: 13.812 min Scan# 2019
Delta R.T. -0.001 min
Lab File: VN076816.D
Acq: 27 Feb 2023 10:40

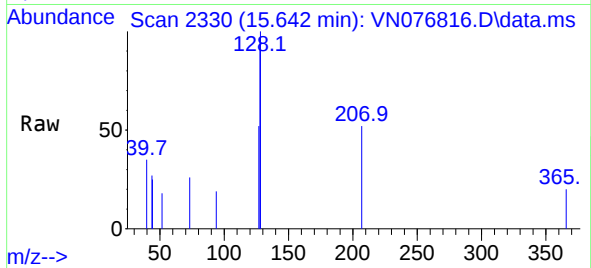
Tgt Ion:146 Resp: 1773
Ion Ratio Lower Upper
146 100
111 0.0 19.4 58.1#
148 31.1 32.7 98.1#





#95
Naphthalene
Concen: 0.289 ug/l
RT: 15.642 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN076816.D
Acq: 27 Feb 2023 10:40

Instrument :
MSVOA_N
ClientSampleId :
VN0227WBL01



Tgt Ion:128 Resp: 2544
Ion Ratio Lower Upper
128 100
127 16.3 10.6 16.0#
129 3.3 8.6 13.0#

