

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022723\
 Data File : VN076820.D
 Acq On : 27 Feb 2023 12:55
 Operator : JC\MD
 Sample : 01653-01 2500X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-0567

Quant Time: Feb 28 01:50:52 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)

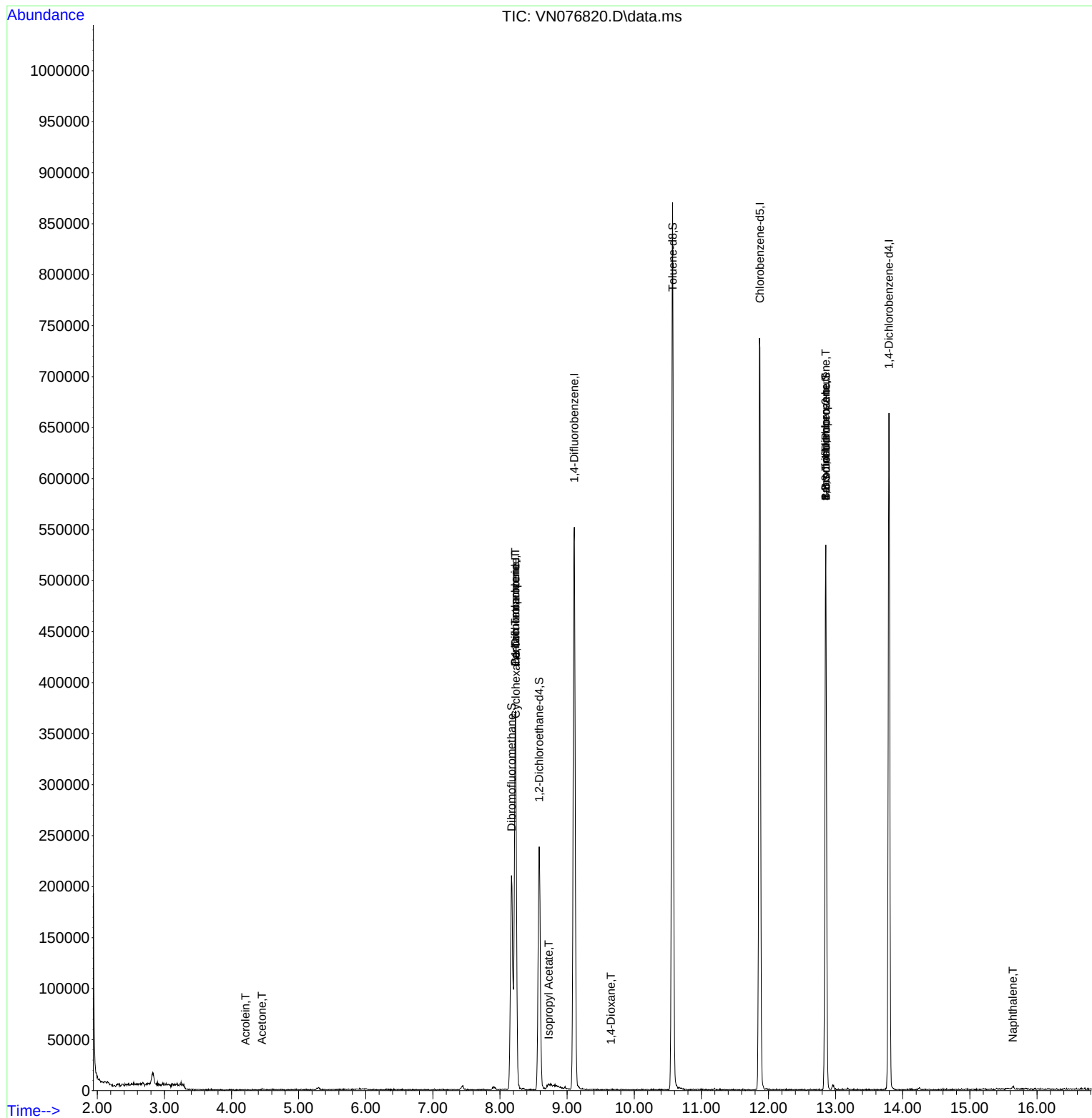
Internal Standards						
1) Pentafluorobenzene	8.231	168	257332	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	474686	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	407150	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	160159	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	186577	52.507	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.020%	
35) Dibromofluoromethane	8.172	113	145980	46.960	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.920%	
50) Toluene-d8	10.572	98	571823	49.255	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.520%	
62) 4-Bromofluorobenzene	12.854	95	162477	42.256	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 84.520%	
Target Compounds						
					Qvalue	
13) Acrolein	4.207	56	170	0.241	ug/l #	56
16) Acetone	4.454	43	732	0.461	ug/l #	42
31) Cyclohexane	8.236	56	7362	1.321	ug/l #	50
36) 1,1-Dichloropropene	8.231	75	22869	5.092	ug/l #	50
38) Carbon Tetrachloride	8.231	117	26225	5.788	ug/l #	20
43) Isopropyl Acetate	8.725	43	4225	0.549	ug/l #	56
49) 1,4-Dioxane	9.654	88	57	0.903	ug/l #	23
71) Bromoform	12.854	173	1451	0.631	ug/l #	1
76) 1,2,3-Trichloropropane	12.854	75	95202	29.402	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	95202	85.635	ug/l #	4
95) Naphthalene	15.642	128	2332	0.271	ug/l #	90

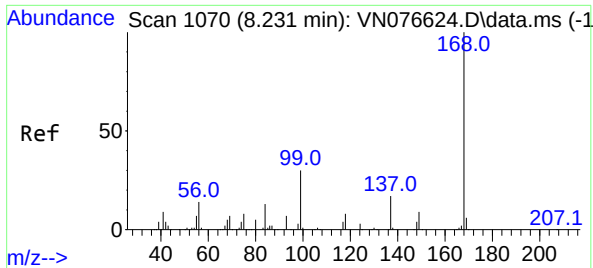
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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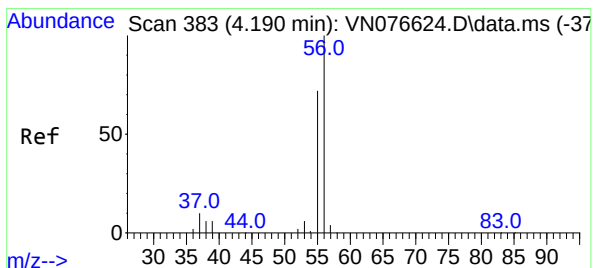
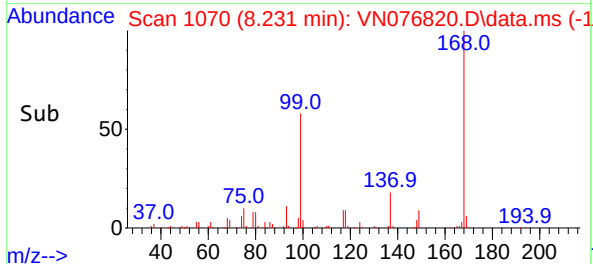
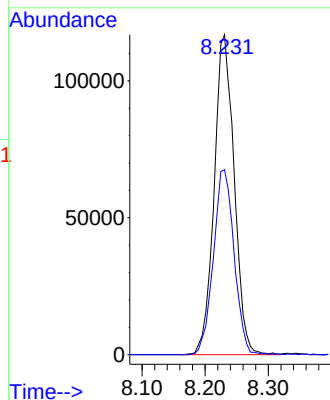
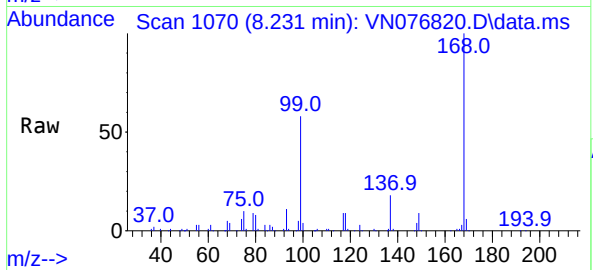




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN076820.D
Acq: 27 Feb 2023 12:55

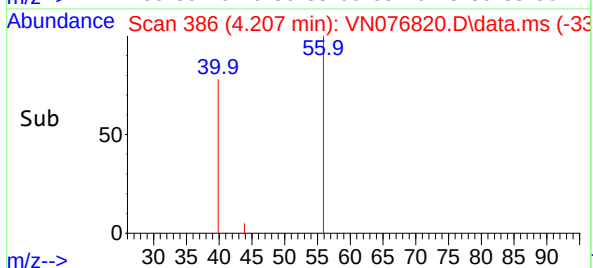
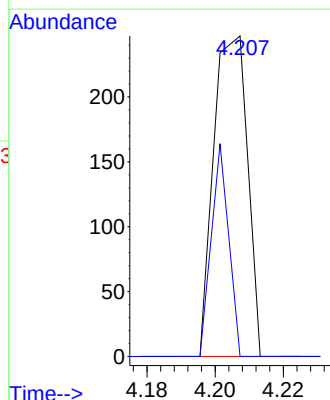
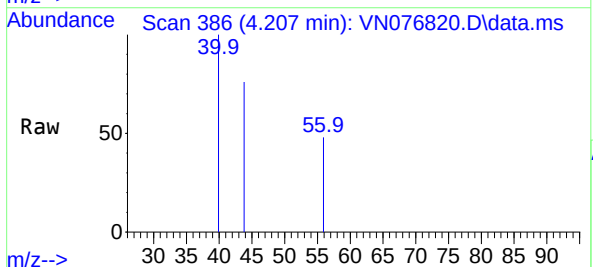
Instrument :
MSVOA_N
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OK-0567

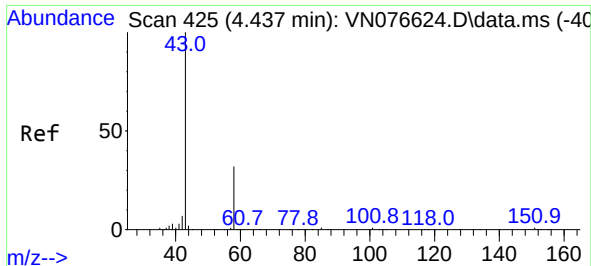
Tgt Ion:168 Resp: 257332
Ion Ratio Lower Upper
168 100
99 57.8 44.8 67.2



#13
Acrolein
Concen: 0.241 ug/l
RT: 4.207 min Scan# 386
Delta R.T. 0.017 min
Lab File: VN076820.D
Acq: 27 Feb 2023 12:55

Tgt Ion: 56 Resp: 170
Ion Ratio Lower Upper
56 100
55 34.1 56.3 84.5#

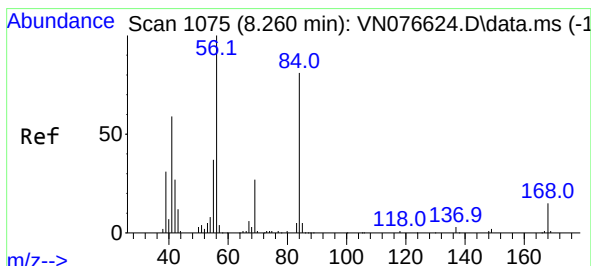
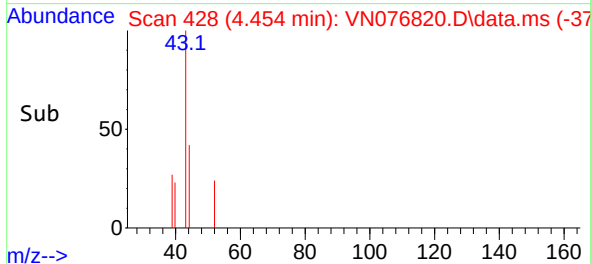
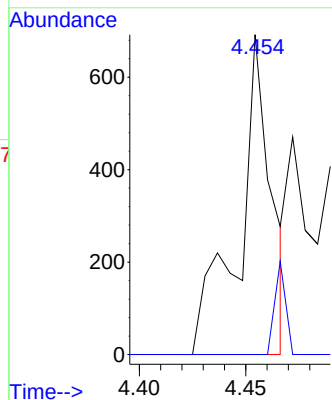
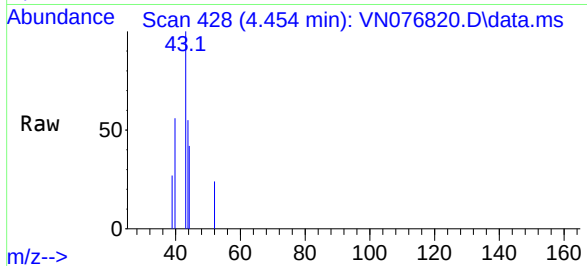




#16
Acetone
Concen: 0.461 ug/l
RT: 4.454 min Scan# 41
Delta R.T. 0.017 min
Lab File: VN076820.D
Acq: 27 Feb 2023 12:55

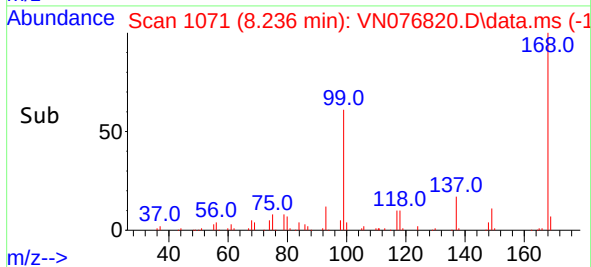
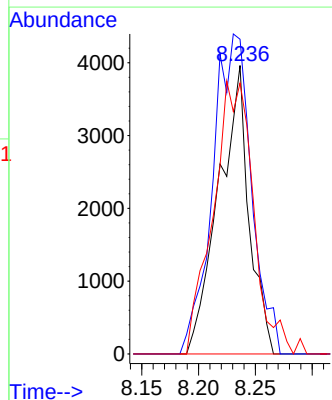
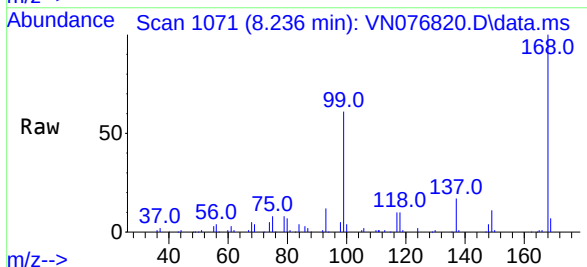
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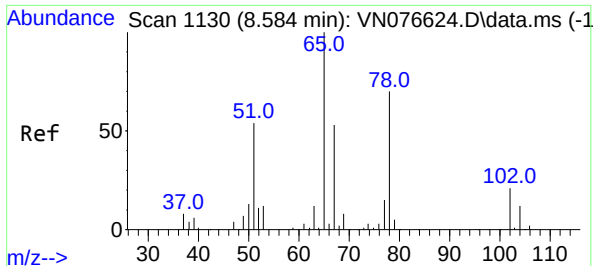
Tgt Ion: 43 Resp: 732
Ion Ratio Lower Upper
43 100
58 0.0 25.9 38.9#



#31
Cyclohexane
Concen: 1.321 ug/l
RT: 8.236 min Scan# 1071
Delta R.T. -0.024 min
Lab File: VN076820.D
Acq: 27 Feb 2023 12:55

Tgt Ion: 56 Resp: 7362
Ion Ratio Lower Upper
56 100
69 109.1 21.6 32.4#
84 93.9 65.1 97.7





#33

1,2-Dichloroethane-d4

Concen: 52.507 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.001 min

Lab File: VN076820.D

Acq: 27 Feb 2023 12:55

Instrument :

MSVOA_N

ClientSampleId :

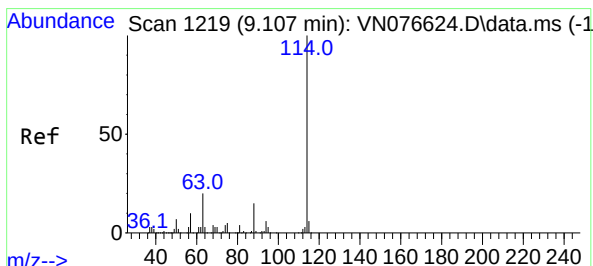
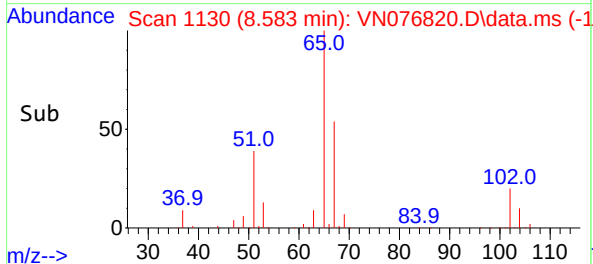
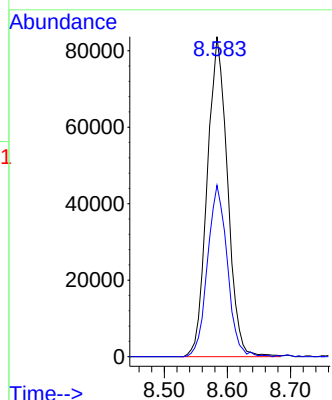
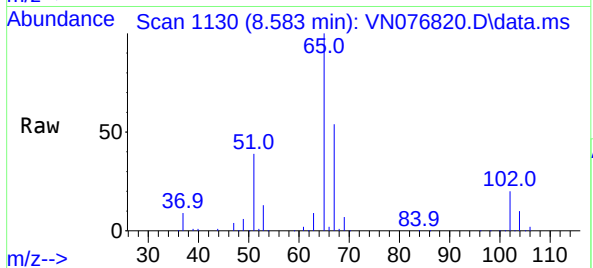
OK-0567

Tgt Ion: 65 Resp: 186577

Ion Ratio Lower Upper

65 100

67 52.3 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN076820.D

Acq: 27 Feb 2023 12:55

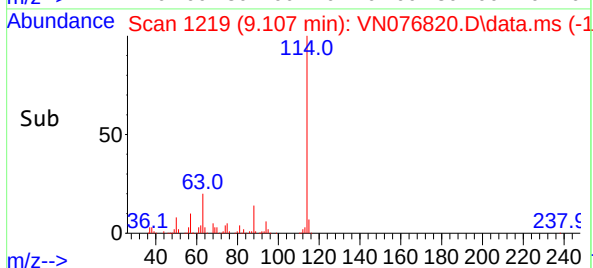
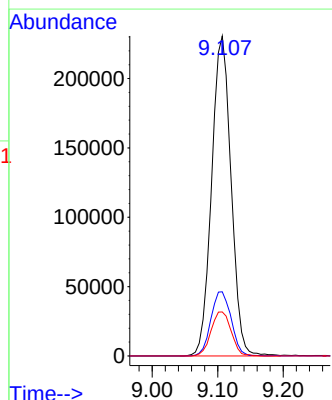
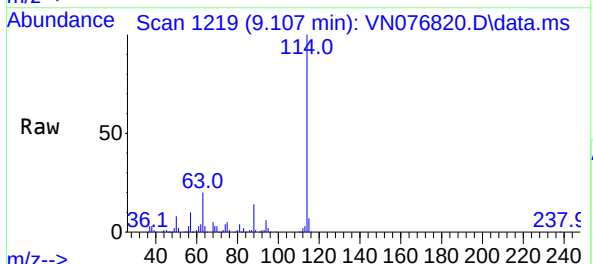
Tgt Ion:114 Resp: 474686

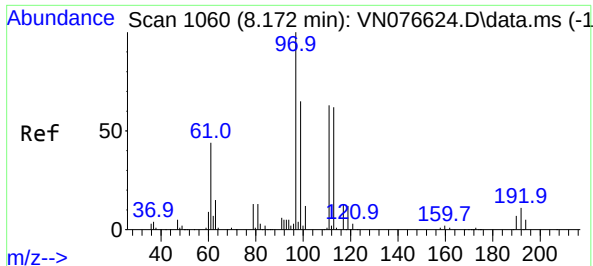
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.0

88 13.8 0.0 29.6

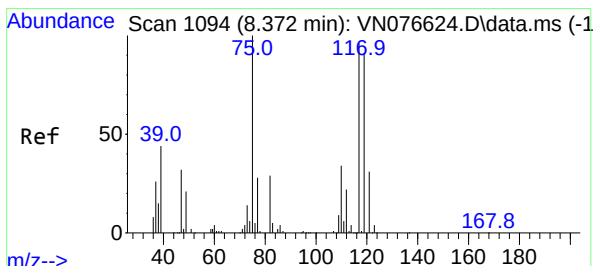
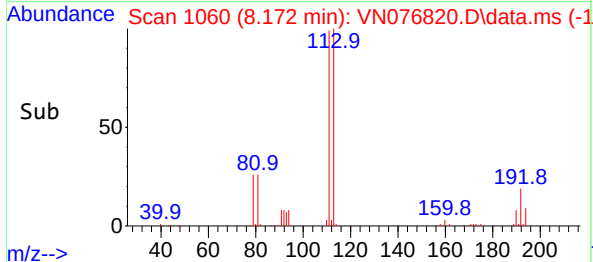
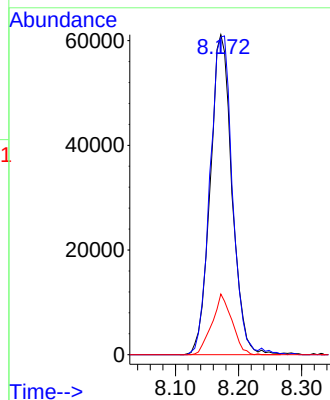
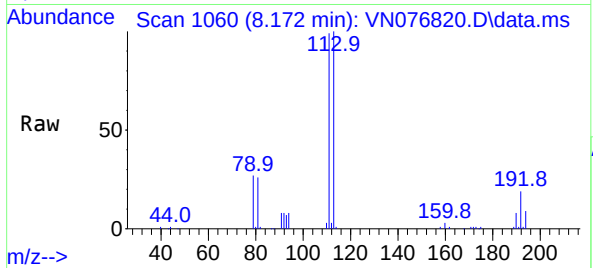




#35
Dibromofluoromethane
Concen: 46.960 ug/l
RT: 8.172 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN076820.D
Acq: 27 Feb 2023 12:55

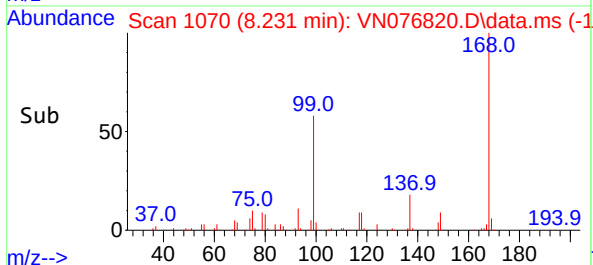
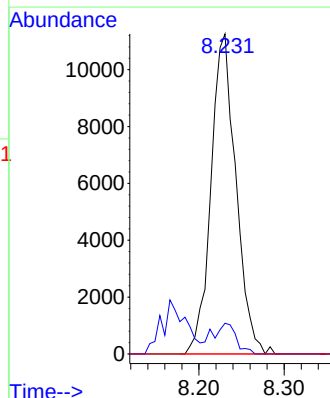
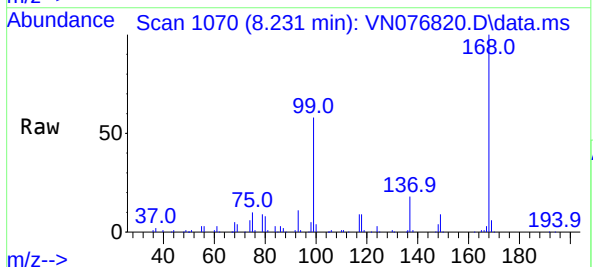
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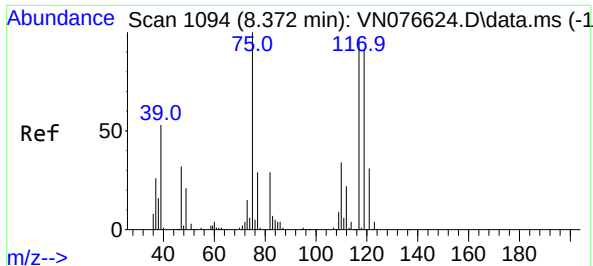
Tgt Ion:113 Resp: 145980
Ion Ratio Lower Upper
113 100
111 101.9 83.1 124.7
192 17.4 15.6 23.4



#36
1,1-Dichloropropene
Concen: 5.092 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.141 min
Lab File: VN076820.D
Acq: 27 Feb 2023 12:55

Tgt Ion: 75 Resp: 22869
Ion Ratio Lower Upper
75 100
110 9.3 17.5 52.5#
77 0.0 24.5 36.7#

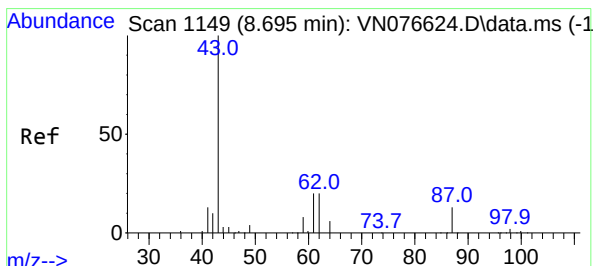
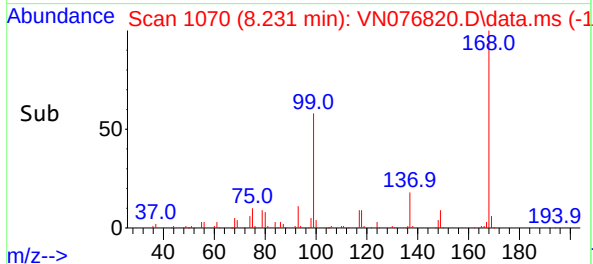
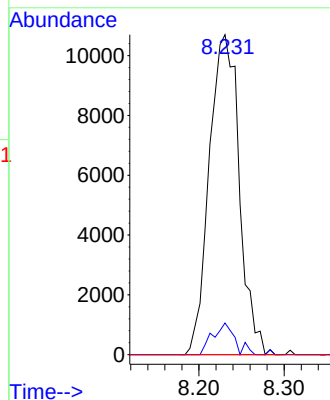
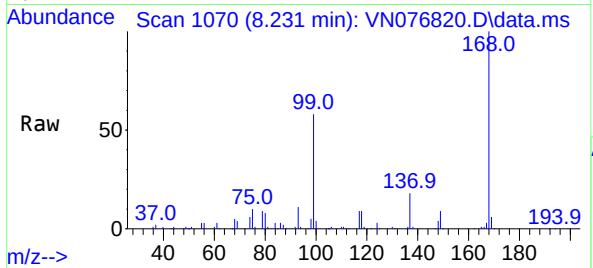




#38
Carbon Tetrachloride
Concen: 5.788 ug/l
RT: 8.231 min Scan# 1107
Delta R.T. -0.141 min
Lab File: VN076820.D
Acq: 27 Feb 2023 12:55

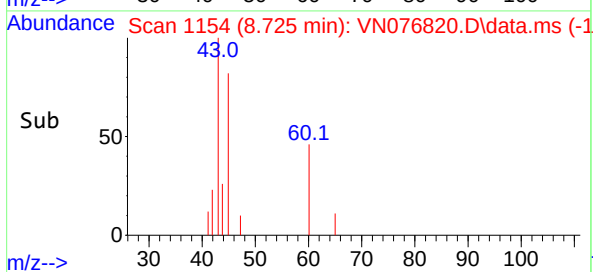
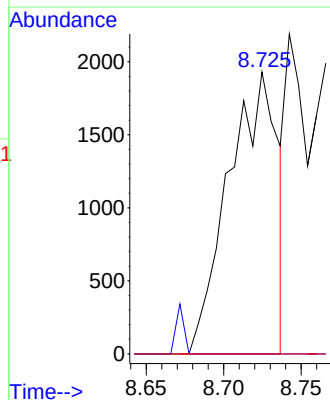
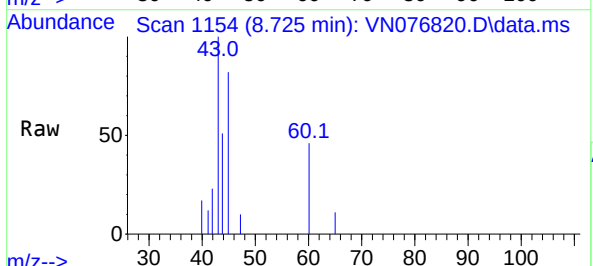
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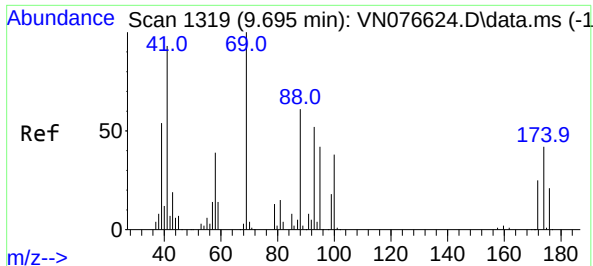
Tgt Ion:117 Resp: 26225
Ion Ratio Lower Upper
117 100
119 9.9 75.4 113.0#
121 0.0 26.0 39.0#



#43
Isopropyl Acetate
Concen: 0.549 ug/l
RT: 8.725 min Scan# 1154
Delta R.T. 0.030 min
Lab File: VN076820.D
Acq: 27 Feb 2023 12:55

Tgt Ion: 43 Resp: 4225
Ion Ratio Lower Upper
43 100
61 0.0 20.0 30.0#
87 0.0 9.9 14.9#

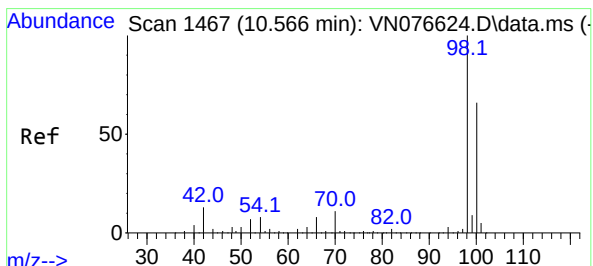
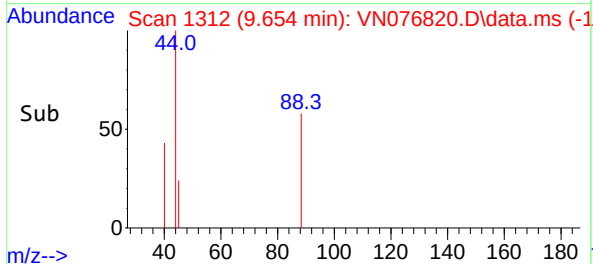
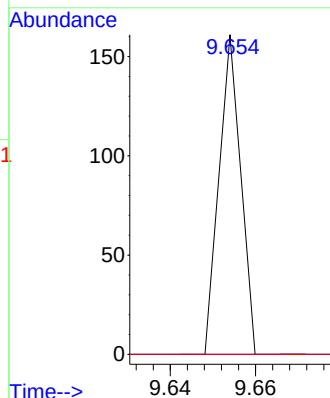
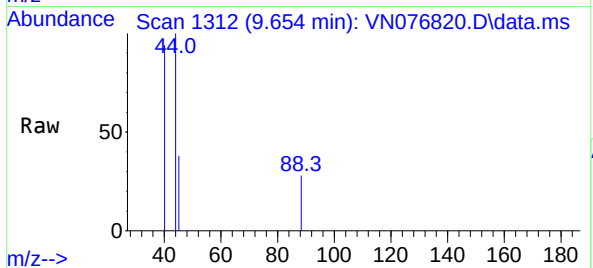




#49
1,4-Dioxane
Concen: 0.903 ug/l
RT: 9.654 min Scan# 11
Delta R.T. -0.041 min
Lab File: VN076820.D
Acq: 27 Feb 2023 12:55

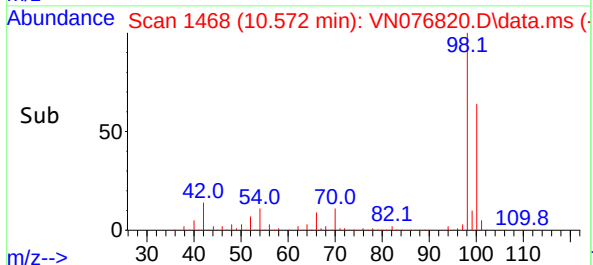
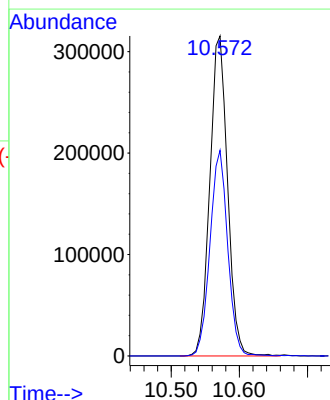
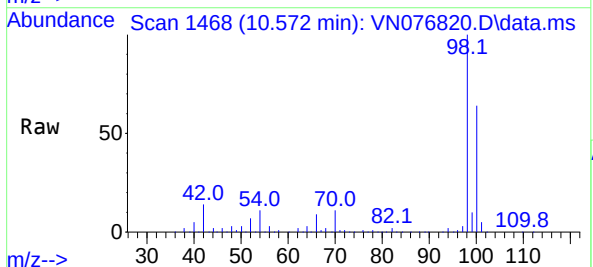
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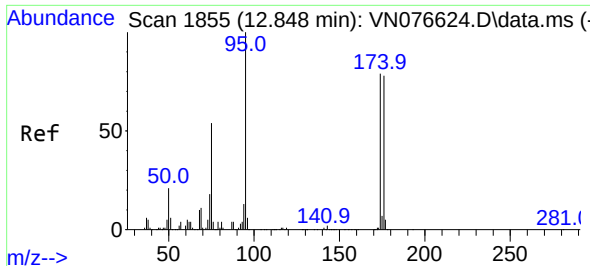
Tgt Ion: 88 Resp: 57
Ion Ratio Lower Upper
88 100
43 0.0 22.6 33.8#
58 0.0 57.6 86.4#



#50
Toluene-d8
Concen: 49.255 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN076820.D
Acq: 27 Feb 2023 12:55

Tgt Ion: 98 Resp: 571823
Ion Ratio Lower Upper
98 100
100 64.1 52.9 79.3

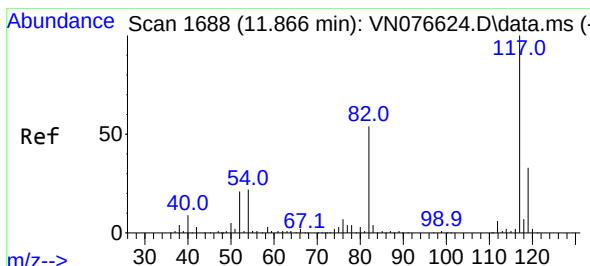
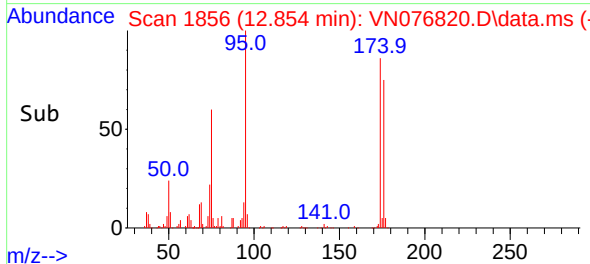
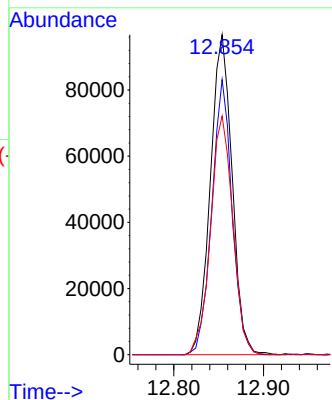
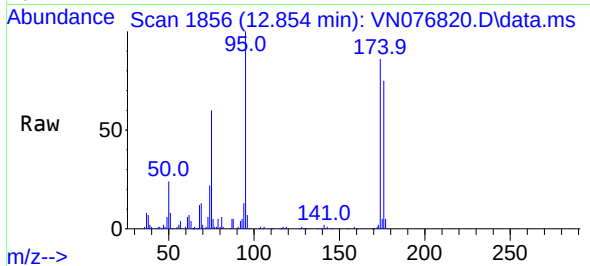




#62
4-Bromofluorobenzene
Concen: 42.256 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076820.D
Acq: 27 Feb 2023 12:55

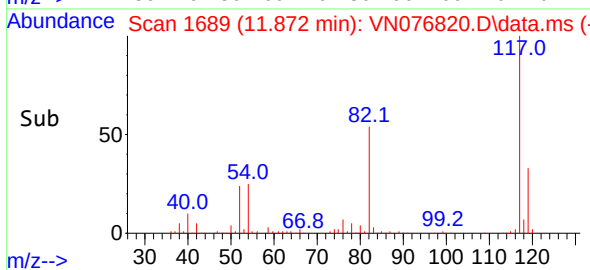
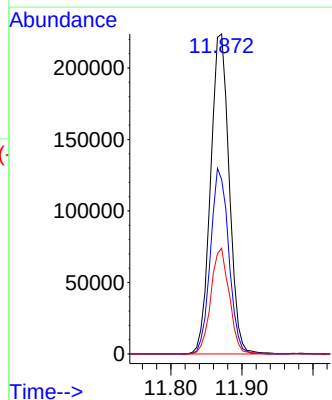
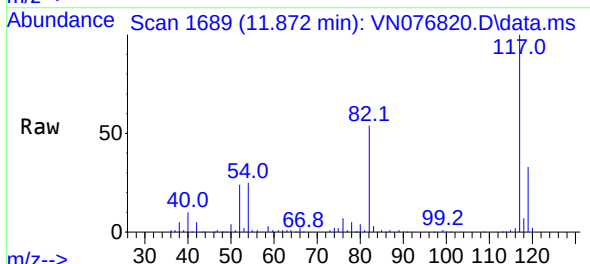
Instrument :
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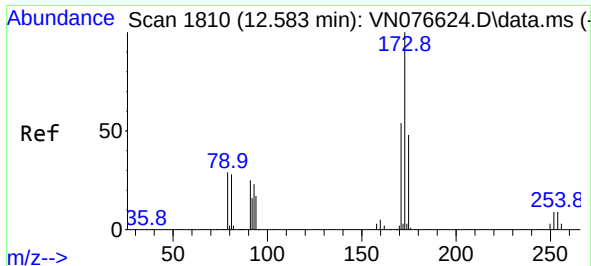
Tgt Ion: 95 Resp: 162477
Ion Ratio Lower Upper
95 100
174 80.1 0.0 169.2
176 76.2 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN076820.D
Acq: 27 Feb 2023 12:55

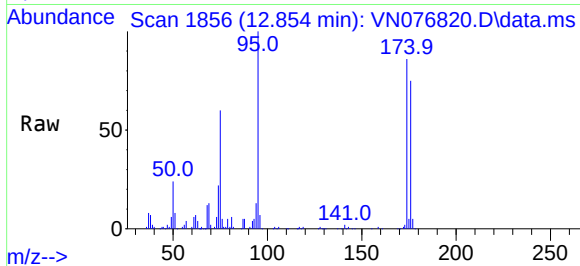
Tgt Ion: 117 Resp: 407150
Ion Ratio Lower Upper
117 100
82 54.5 43.4 65.2
119 33.1 26.1 39.1



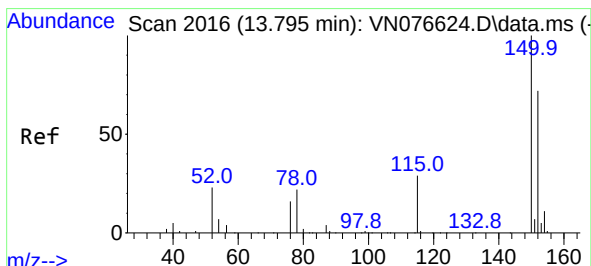
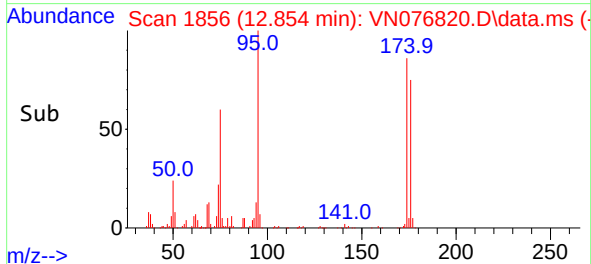
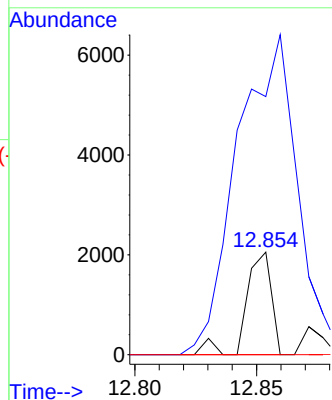


#71
Bromoform
Concen: 0.631 ug/l
RT: 12.854 min Scan# 1810
Delta R.T. 0.271 min
Lab File: VN076820.D
Acq: 27 Feb 2023 12:55

Instrument :
MSVOA_N
ClientSampleId :
OK-0567

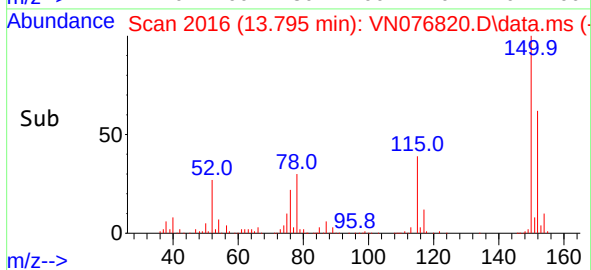
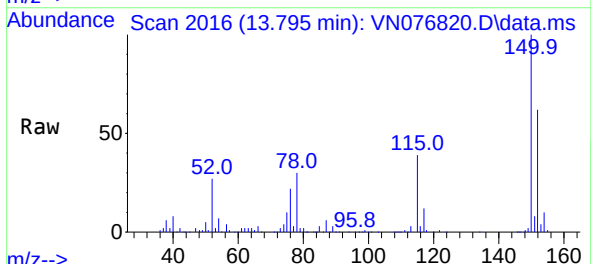
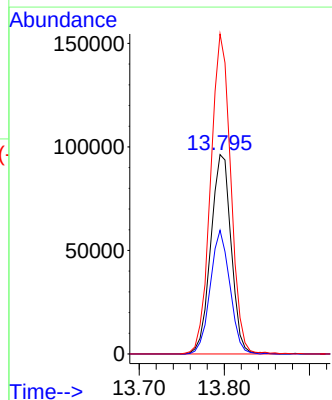


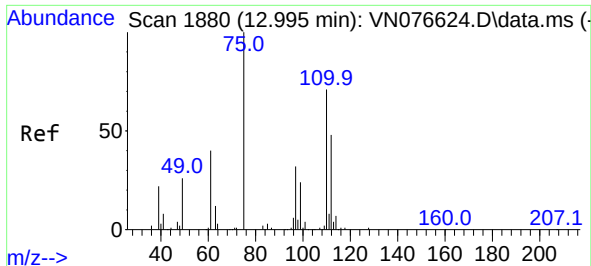
Tgt Ion:173 Resp: 1451
Ion Ratio Lower Upper
173 100
175 439.3 24.9 74.7#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076820.D
Acq: 27 Feb 2023 12:55

Tgt Ion:152 Resp: 160159
Ion Ratio Lower Upper
152 100
115 59.6 29.3 87.9
150 158.3 0.0 349.8

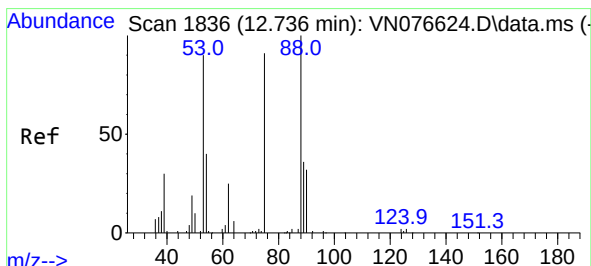
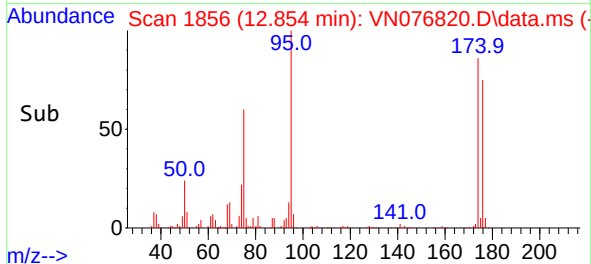
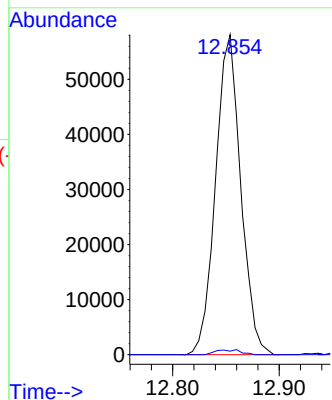
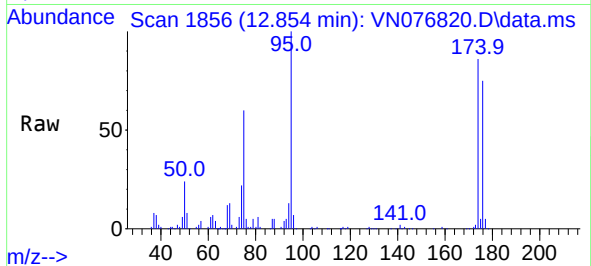




#76
1,2,3-Trichloropropane
Concen: 29.402 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.141 min
Lab File: VN076820.D
Acq: 27 Feb 2023 12:55

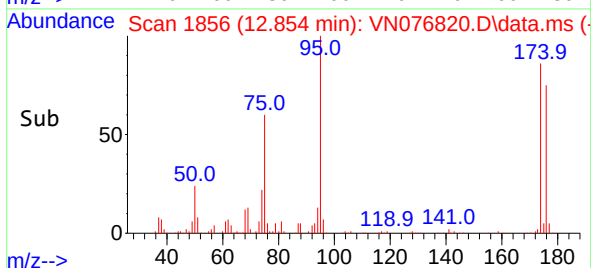
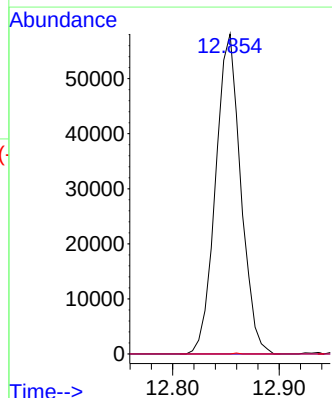
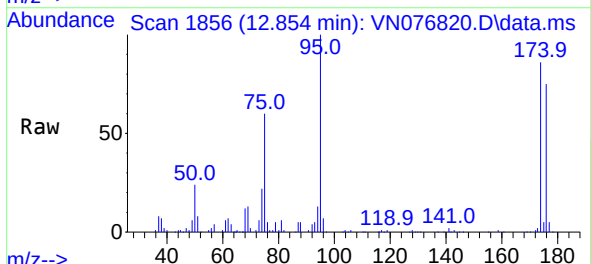
Instrument :
MSVOA_N
ClientSampleId :
OK-0567

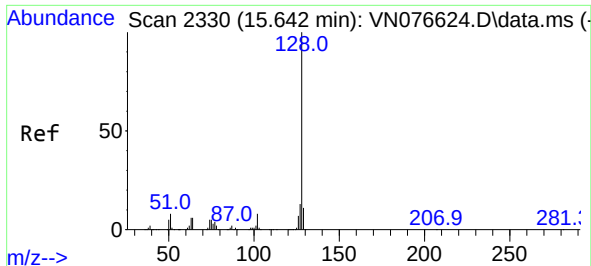
Tgt Ion: 75 Resp: 95202
Ion Ratio Lower Upper
75 100
77 1.5 93.1 279.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.635 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.118 min
Lab File: VN076820.D
Acq: 27 Feb 2023 12:55

Tgt Ion: 75 Resp: 95202
Ion Ratio Lower Upper
75 100
53 0.0 92.1 138.1#
89 0.1 37.5 56.3#





#95

Naphthalene

Concen: 0.271 ug/l

RT: 15.642 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076820.D

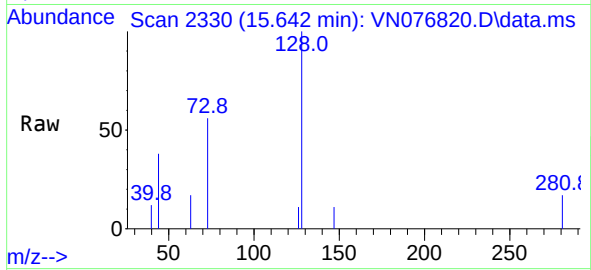
Acq: 27 Feb 2023 12:55

Instrument :

MSVOA_N

ClientSampleId :

OK-0567



Tgt Ion:128 Resp: 2332

Ion Ratio Lower Upper

128 100

127 7.6 10.6 16.0#

129 9.0 8.6 13.0

