

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022123\
 Data File : VN076746.D
 Acq On : 21 Feb 2023 11:00
 Operator : JC\MD
 Sample : VN0221WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0221WBL01

Quant Time: Feb 22 04:10:44 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)

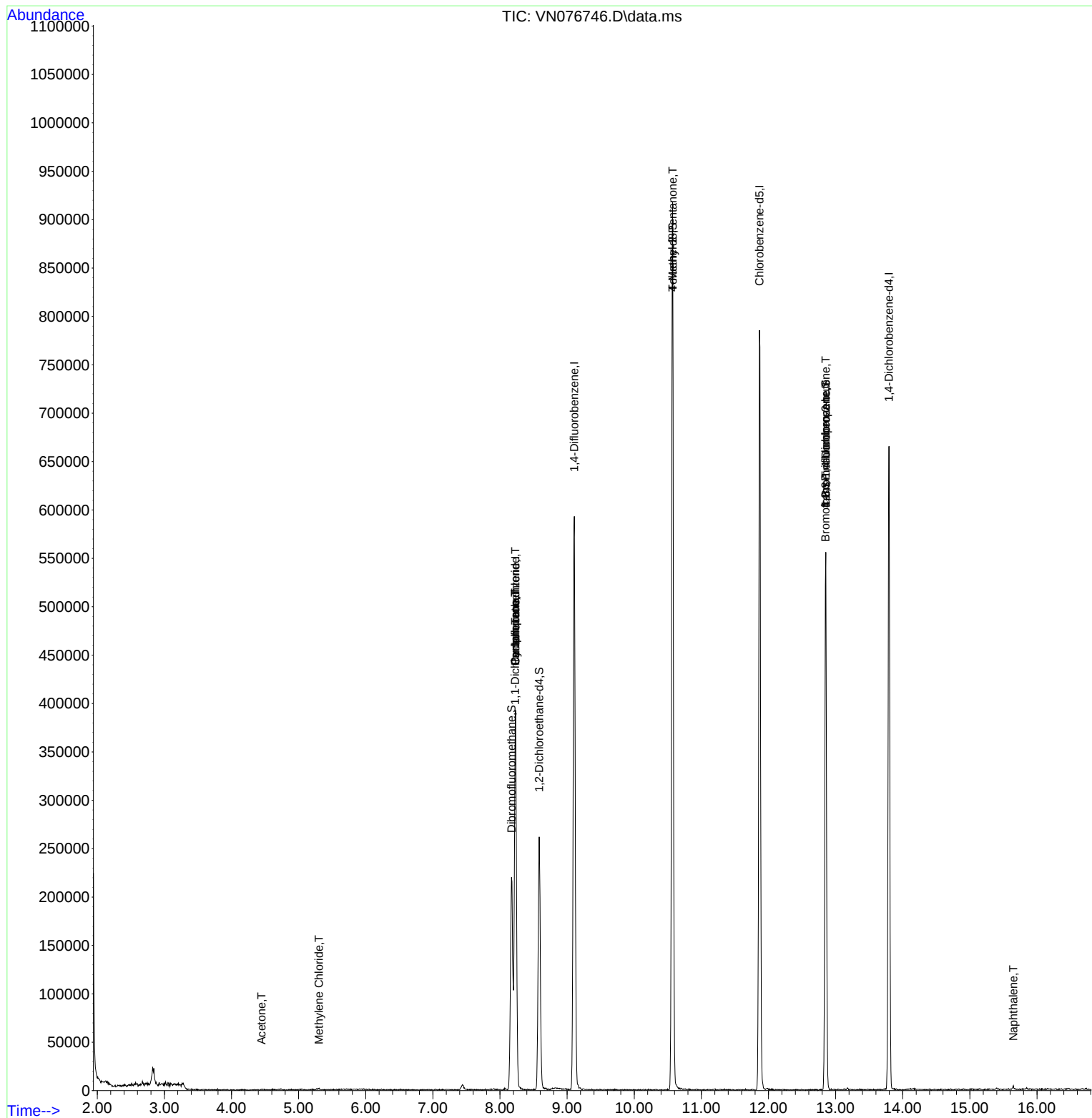
Internal Standards						
1) Pentafluorobenzene	8.231	168	274936	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	500008	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	434825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	165250	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	204779	53.939	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.880%			
35) Dibromofluoromethane	8.172	113	154087	47.057	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.120%			
50) Toluene-d8	10.572	98	602349	49.257	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.520%			
62) 4-Bromofluorobenzene	12.854	95	174045	42.972	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 85.940%			
Target Compounds					Qvalue	
16) Acetone	4.448	43	386	0.228	ug/l #	1
20) Methylene Chloride	5.301	84	970	0.273	ug/l #	34
31) Cyclohexane	8.231	56	7755	1.302	ug/l #	20
36) 1,1-Dichloropropene	8.225	75	25174	5.321	ug/l #	49
38) Carbon Tetrachloride	8.231	117	29601	6.202	ug/l #	18
51) 4-Methyl-2-Pentanone	10.572	43	3162	0.614	ug/l #	1
71) Bromoform	12.848	173	1533	0.624	ug/l #	1
76) 1,2,3-Trichloropropane	12.854	75	98787	29.569	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	98787	86.122	ug/l #	4
95) Naphthalene	15.648	128	2519	0.284	ug/l #	93

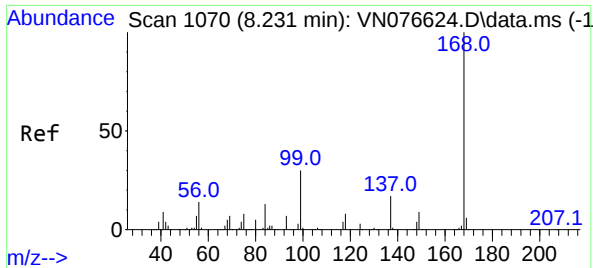
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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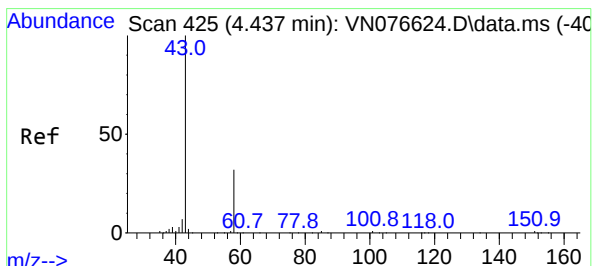
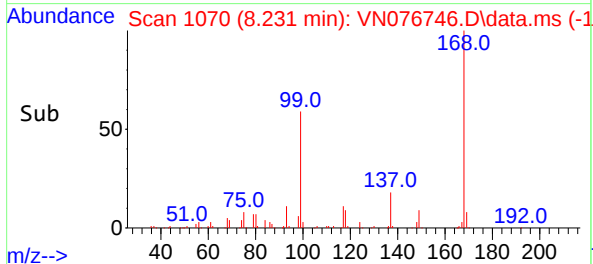
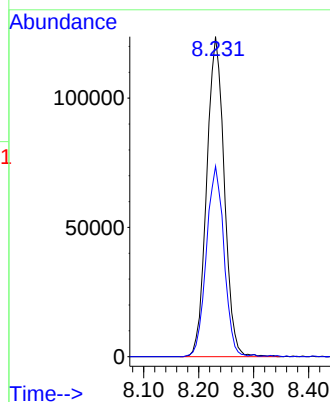
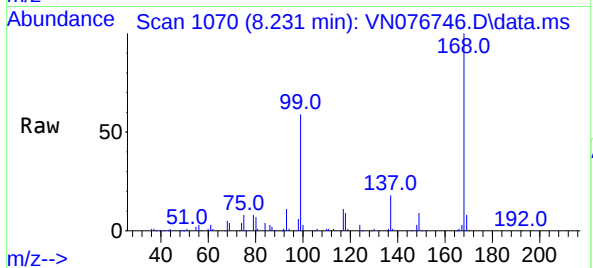




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN076746.D
Acq: 21 Feb 2023 11:00

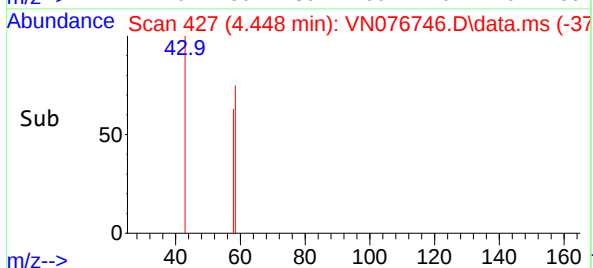
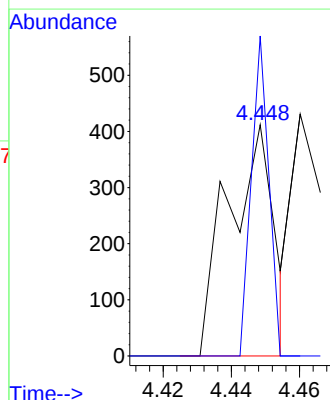
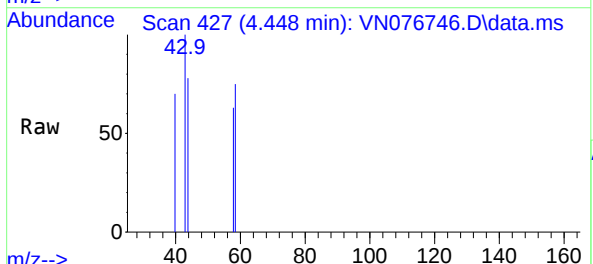
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBL01

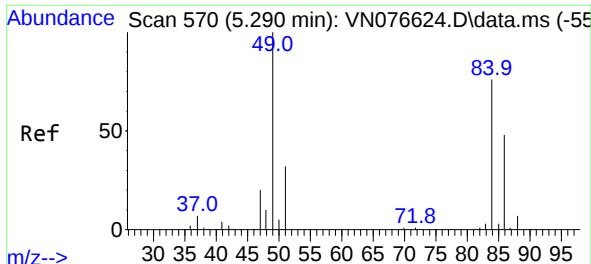
Tgt Ion:168 Resp: 274936
Ion Ratio Lower Upper
168 100
99 59.5 44.8 67.2



#16
Acetone
Concen: 0.228 ug/l
RT: 4.448 min Scan# 427
Delta R.T. 0.011 min
Lab File: VN076746.D
Acq: 21 Feb 2023 11:00

Tgt Ion: 43 Resp: 386
Ion Ratio Lower Upper
43 100
58 138.3 25.9 38.9#

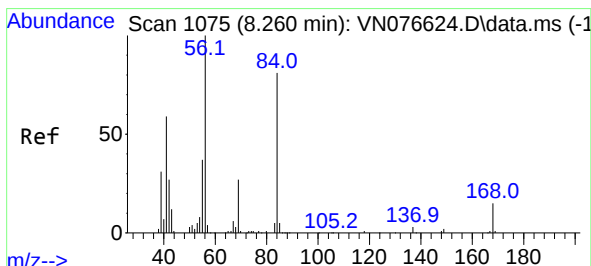
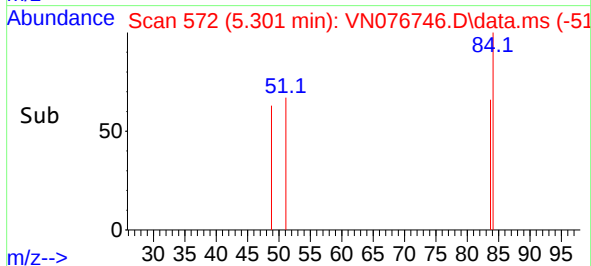
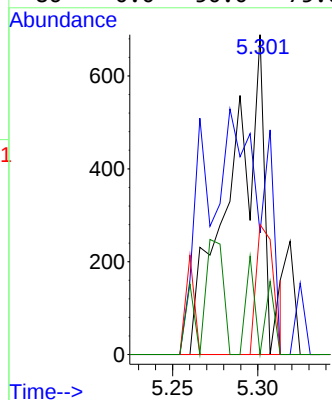
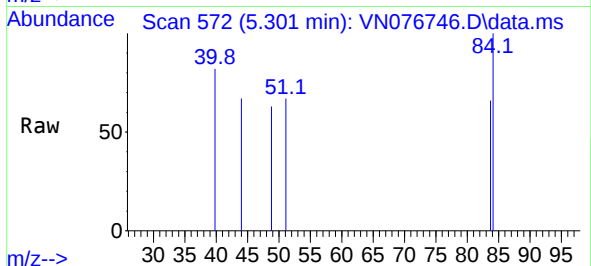




#20
Methylene Chloride
Concen: 0.273 ug/l
RT: 5.301 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN076746.D
Acq: 21 Feb 2023 11:00

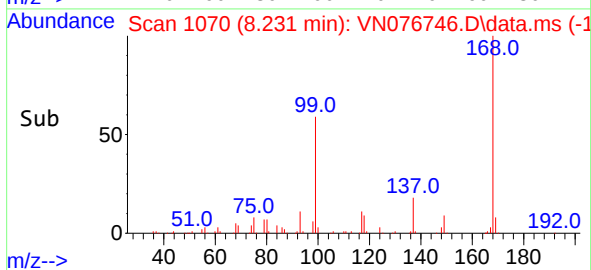
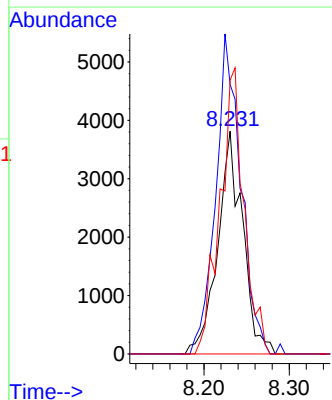
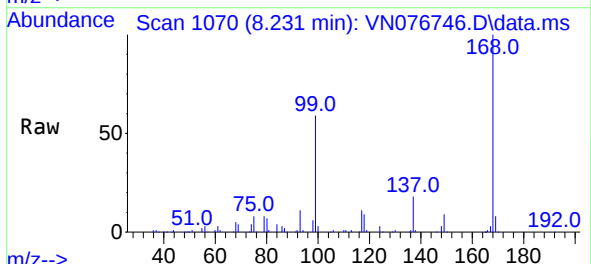
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBL01

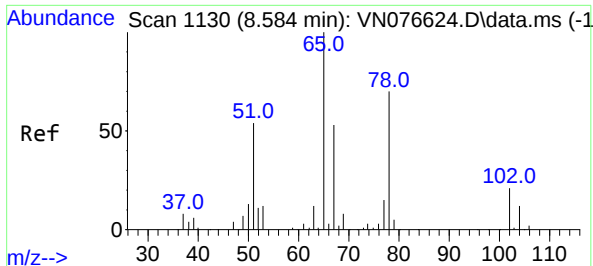
Tgt Ion: 84 Resp: 970
Ion Ratio Lower Upper
84 100
49 38.0 104.9 157.3#
51 40.6 33.8 50.8
86 0.0 50.0 75.0#



#31
Cyclohexane
Concen: 1.302 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.029 min
Lab File: VN076746.D
Acq: 21 Feb 2023 11:00

Tgt Ion: 56 Resp: 7755
Ion Ratio Lower Upper
56 100
69 120.9 21.6 32.4#
84 123.0 65.1 97.7#

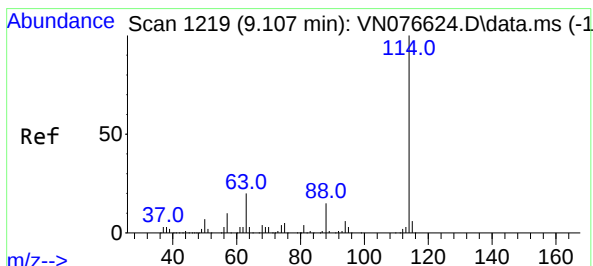
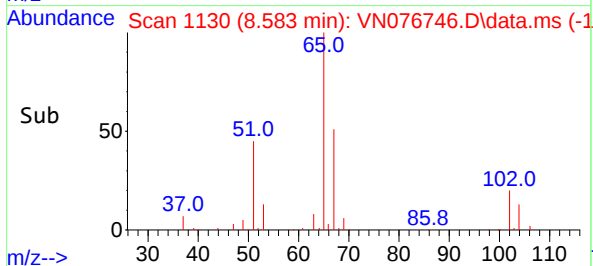
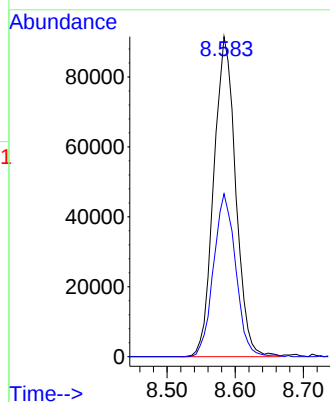
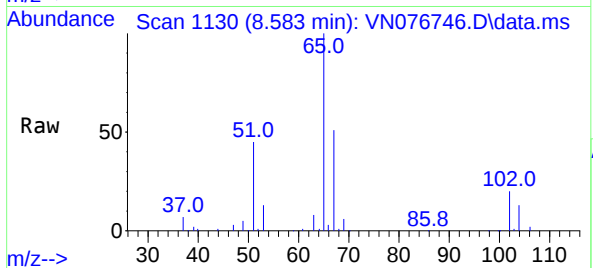




#33
1,2-Dichloroethane-d4
Concen: 53.939 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.001 min
Lab File: VN076746.D
Acq: 21 Feb 2023 11:00

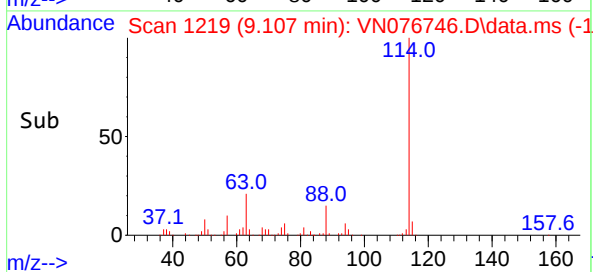
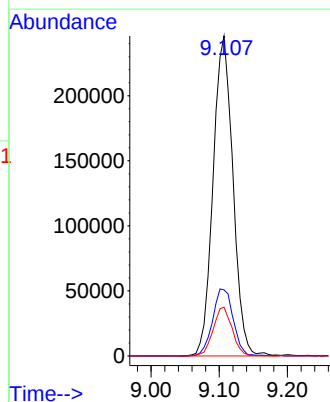
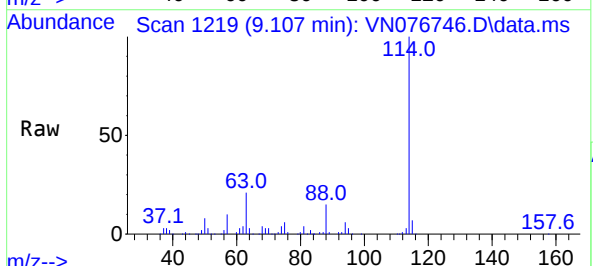
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBL01

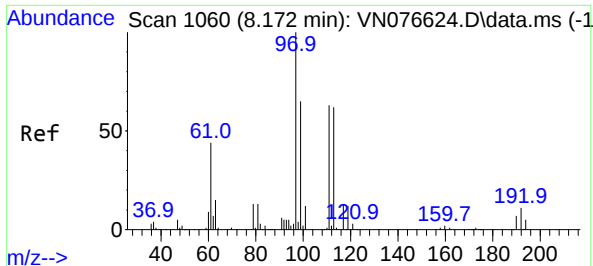
Tgt Ion: 65 Resp: 204779
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN076746.D
Acq: 21 Feb 2023 11:00

Tgt Ion: 114 Resp: 500008
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.0
88 15.3 0.0 29.6



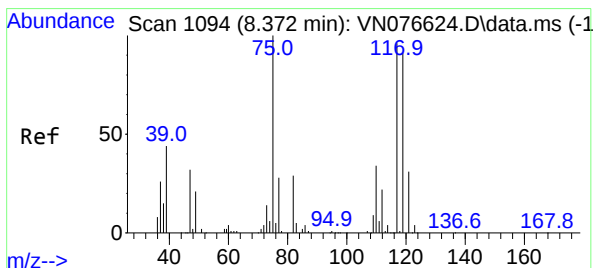
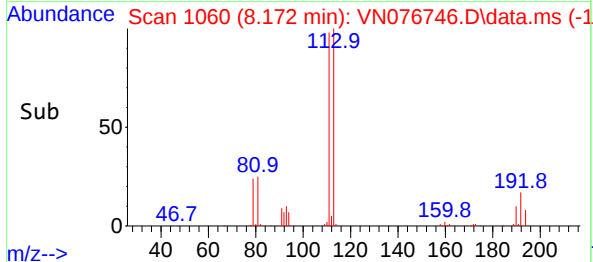
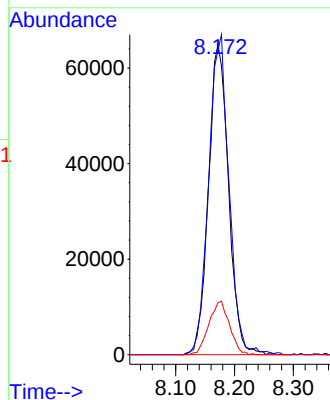
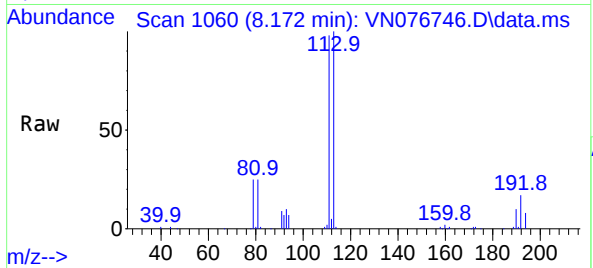


#35
 Dibromofluoromethane
 Concen: 47.057 ug/l
 RT: 8.172 min Scan# 1060
 Delta R.T. -0.000 min
 Lab File: VN076746.D
 Acq: 21 Feb 2023 11:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0221WBL01

Tgt Ion:113 Resp: 154087

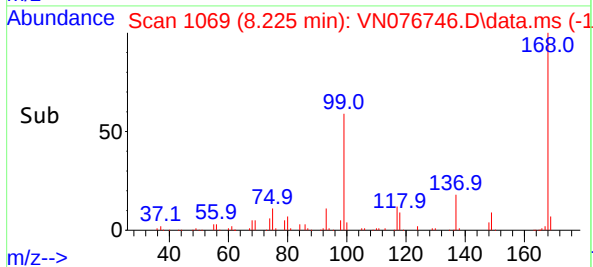
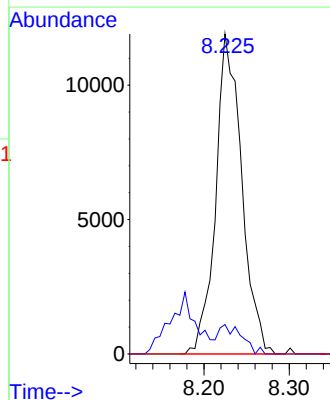
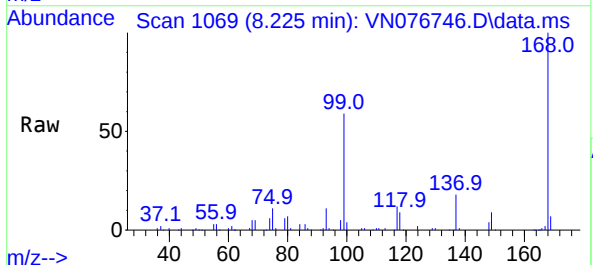
Ion	Ratio	Lower	Upper
113	100		
111	104.1	83.1	124.7
192	17.7	15.6	23.4

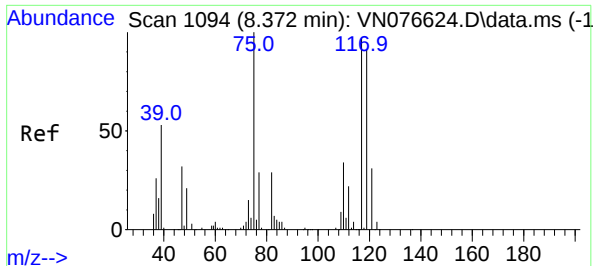


#36
 1,1-Dichloropropene
 Concen: 5.321 ug/l
 RT: 8.225 min Scan# 1069
 Delta R.T. -0.147 min
 Lab File: VN076746.D
 Acq: 21 Feb 2023 11:00

Tgt Ion: 75 Resp: 25174

Ion	Ratio	Lower	Upper
75	100		
110	8.0	17.5	52.5#
77	0.0	24.5	36.7#

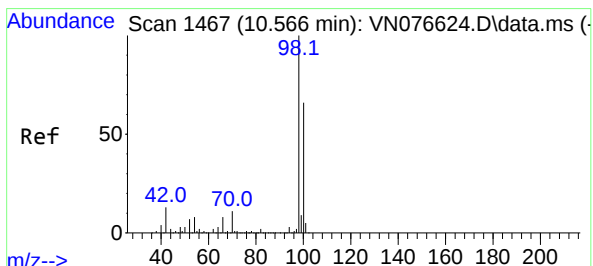
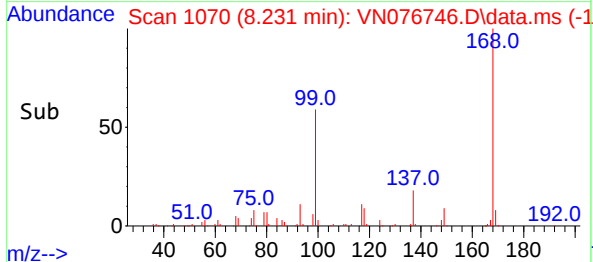
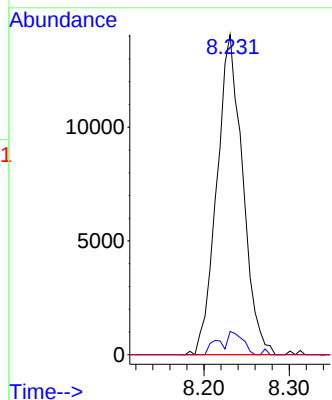
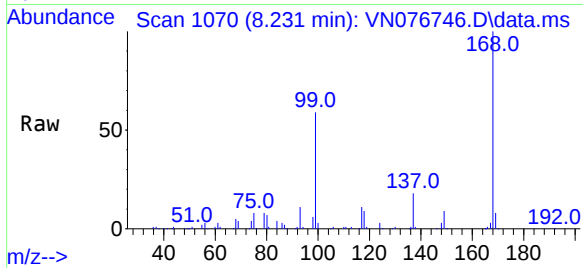




#38
Carbon Tetrachloride
Concen: 6.202 ug/l
RT: 8.231 min Scan# 1094
Delta R.T. -0.141 min
Lab File: VN076746.D
Acq: 21 Feb 2023 11:00

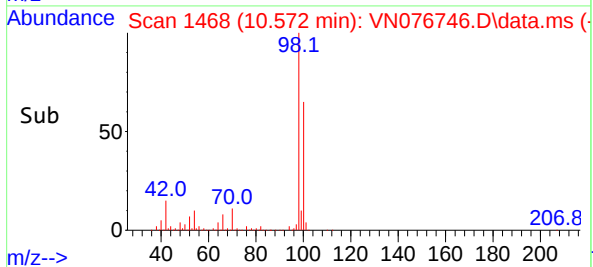
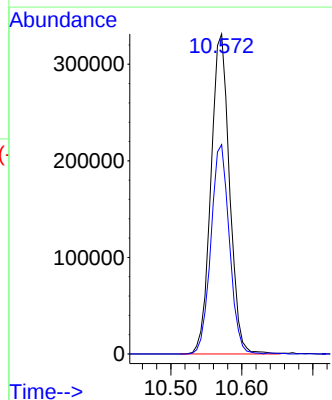
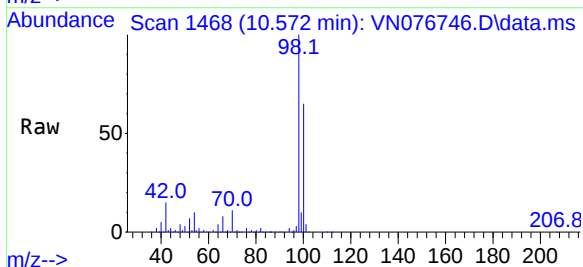
Instrument :
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VN0221WBL01

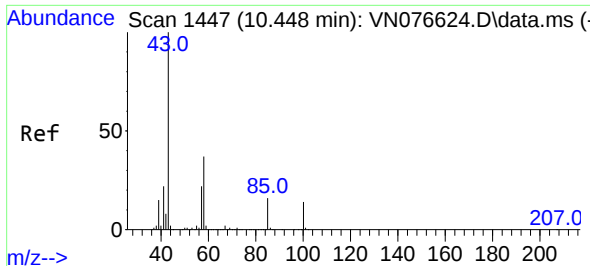
Tgt Ion:117 Resp: 29601
Ion Ratio Lower Upper
117 100
119 7.2 75.4 113.0#
121 0.0 26.0 39.0#



#50
Toluene-d8
Concen: 49.257 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN076746.D
Acq: 21 Feb 2023 11:00

Tgt Ion: 98 Resp: 602349
Ion Ratio Lower Upper
98 100
100 64.9 52.9 79.3

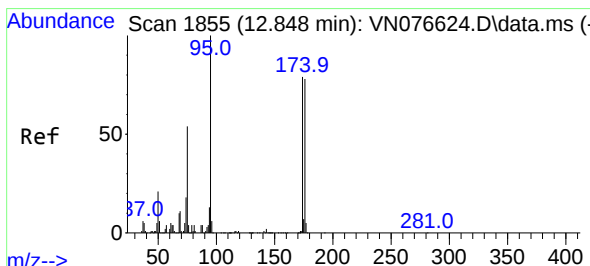
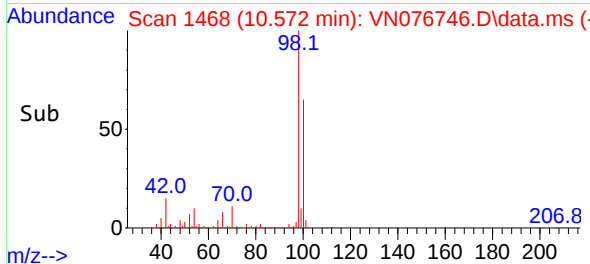
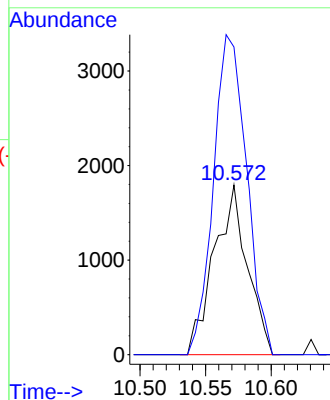
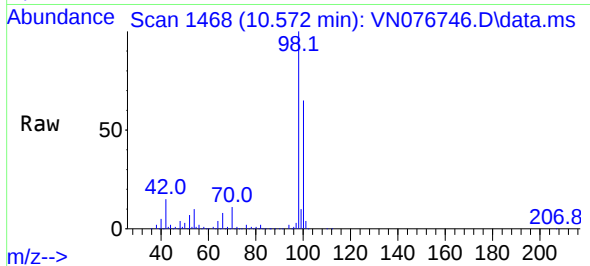




#51
4-Methyl-2-Pentanone
Concen: 0.614 ug/l
RT: 10.572 min Scan# 1447
Delta R.T. 0.124 min
Lab File: VN076746.D
Acq: 21 Feb 2023 11:00

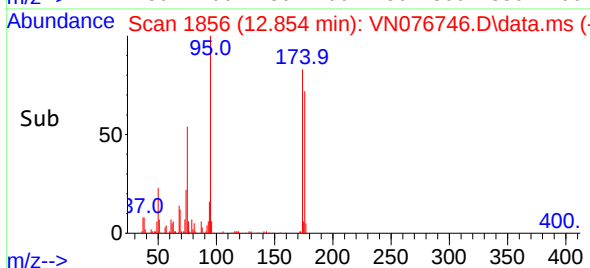
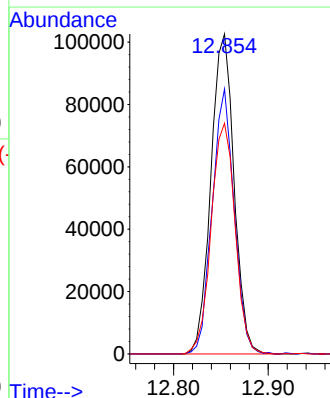
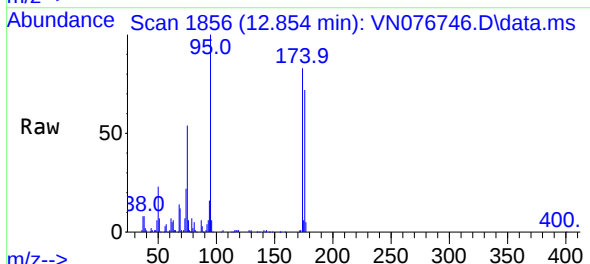
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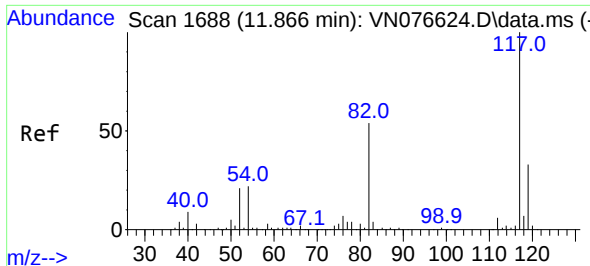
Tgt Ion: 43 Resp: 3162
Ion Ratio Lower Upper
43 100
58 188.4 29.5 44.3#



#62
4-Bromofluorobenzene
Concen: 42.972 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076746.D
Acq: 21 Feb 2023 11:00

Tgt Ion: 95 Resp: 174045
Ion Ratio Lower Upper
95 100
174 78.8 0.0 169.2
176 74.4 0.0 163.4

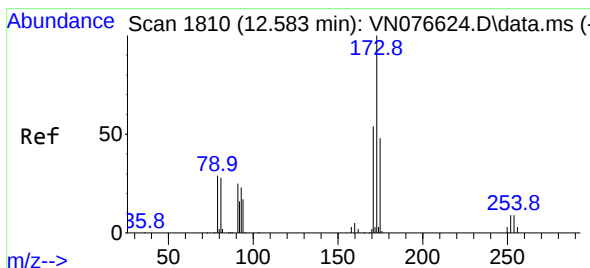
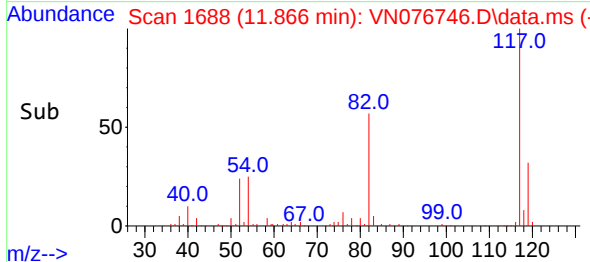
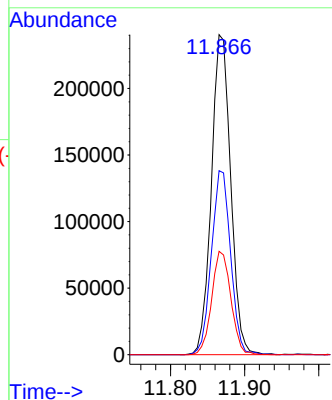
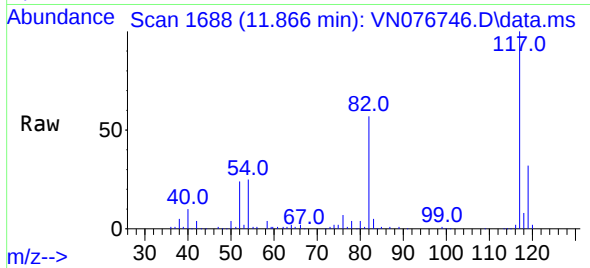




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076746.D
Acq: 21 Feb 2023 11:00

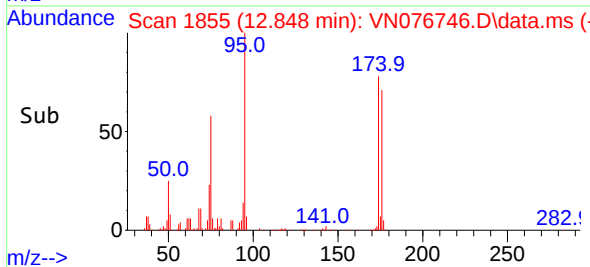
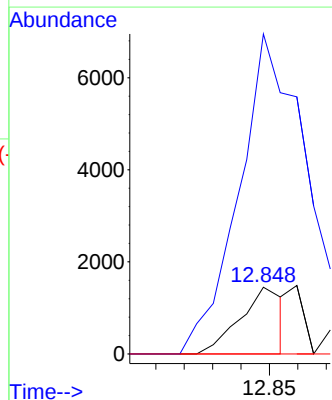
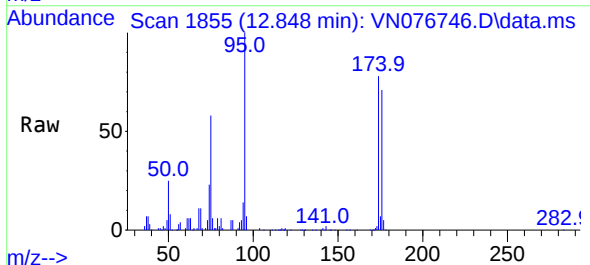
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBL01

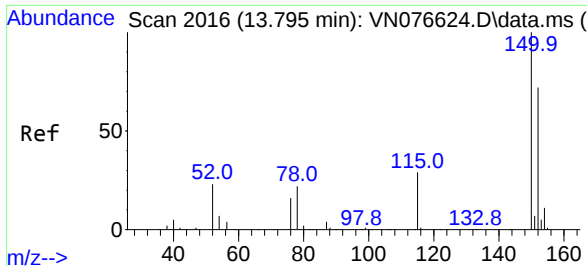
Tgt Ion:117 Resp: 434825
Ion Ratio Lower Upper
117 100
82 57.5 43.4 65.2
119 32.3 26.1 39.1



#71
Bromoform
Concen: 0.624 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. 0.265 min
Lab File: VN076746.D
Acq: 21 Feb 2023 11:00

Tgt Ion:173 Resp: 1533
Ion Ratio Lower Upper
173 100
175 619.8 24.9 74.7#
254 0.0 0.1 0.1#

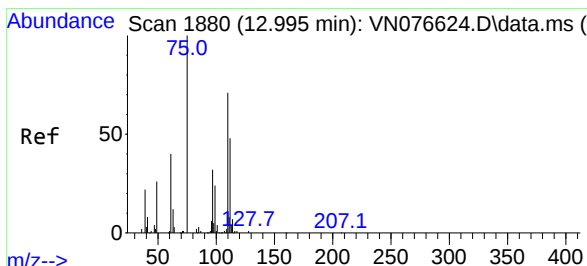
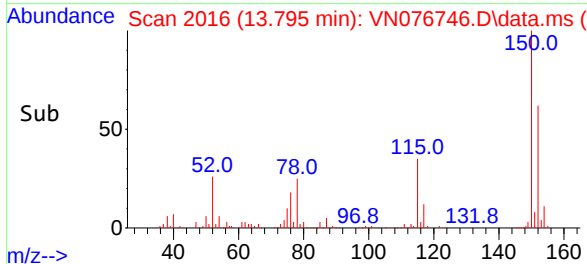
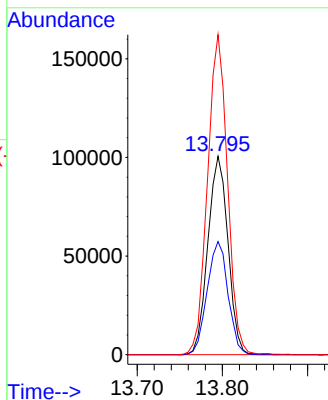
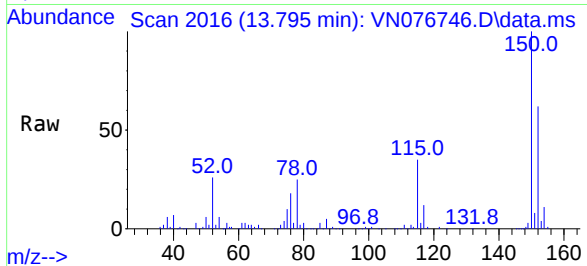




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.795 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN076746.D
 Acq: 21 Feb 2023 11:00

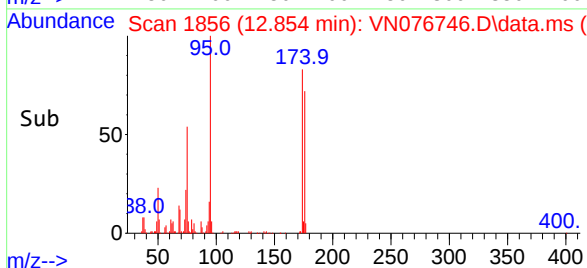
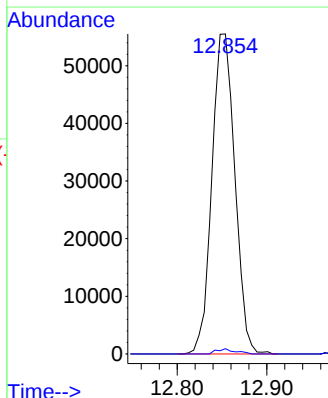
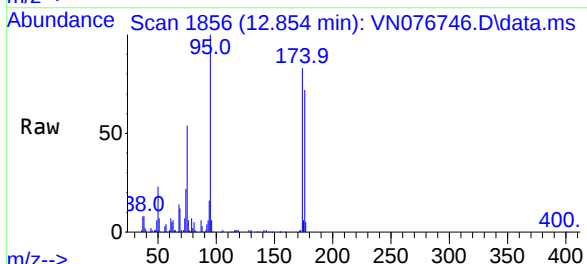
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0221WBL01

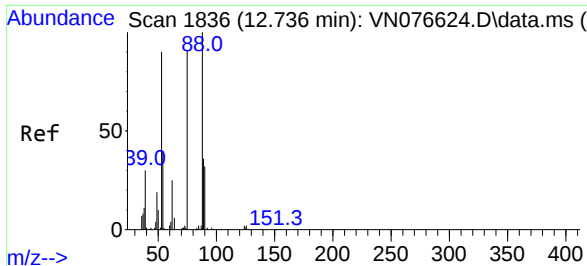
Tgt Ion:152 Resp: 165250
 Ion Ratio Lower Upper
 152 100
 115 59.1 29.3 87.9
 150 159.7 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 29.569 ug/l
 RT: 12.854 min Scan# 1856
 Delta R.T. -0.141 min
 Lab File: VN076746.D
 Acq: 21 Feb 2023 11:00

Tgt Ion: 75 Resp: 98787
 Ion Ratio Lower Upper
 75 100
 77 1.3 93.1 279.3#

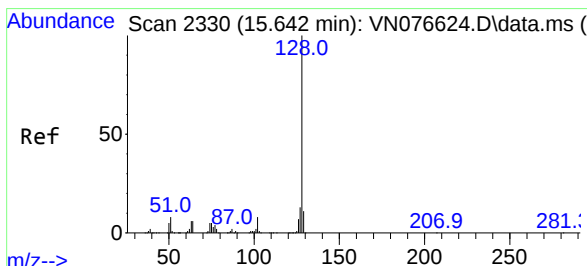
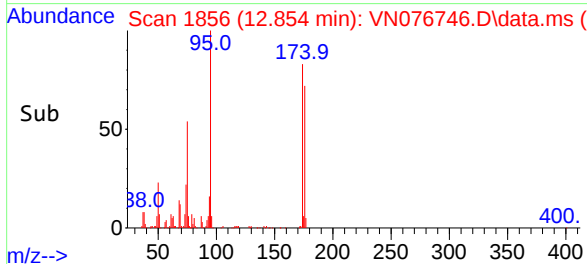
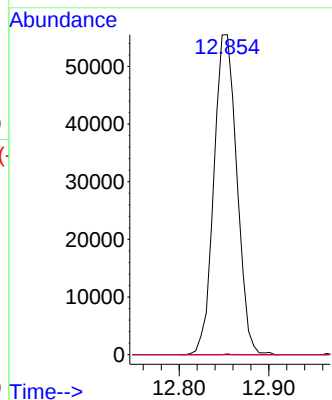
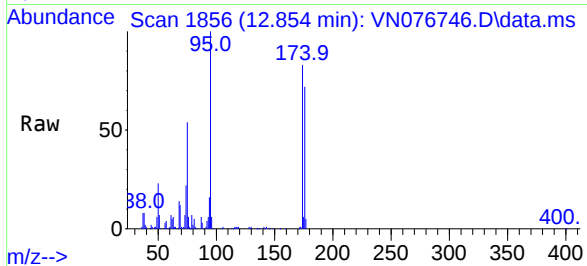




#81
trans-1,4-Dichloro-2-butene
Concen: 86.122 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.118 min
Lab File: VN076746.D
Acq: 21 Feb 2023 11:00

Instrument :
MSVOA_N
ClientSampleId :
VN0221WBL01

Tgt Ion: 75 Resp: 98787
Ion Ratio Lower Upper
75 100
53 0.0 92.1 138.1#
89 0.1 37.5 56.3#



#95
Naphthalene
Concen: 0.284 ug/l
RT: 15.648 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN076746.D
Acq: 21 Feb 2023 11:00

Tgt Ion:128 Resp: 2519
Ion Ratio Lower Upper
128 100
127 14.1 10.6 16.0
129 16.1 8.6 13.0#

