

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051022\
 Data File : VD072909.D
 Acq On : 10 May 2022 12:44
 Operator : VA/SY
 Sample : N2719-01RE
 Misc : 4.46G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 24702

Quant Time: May 11 05:49:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

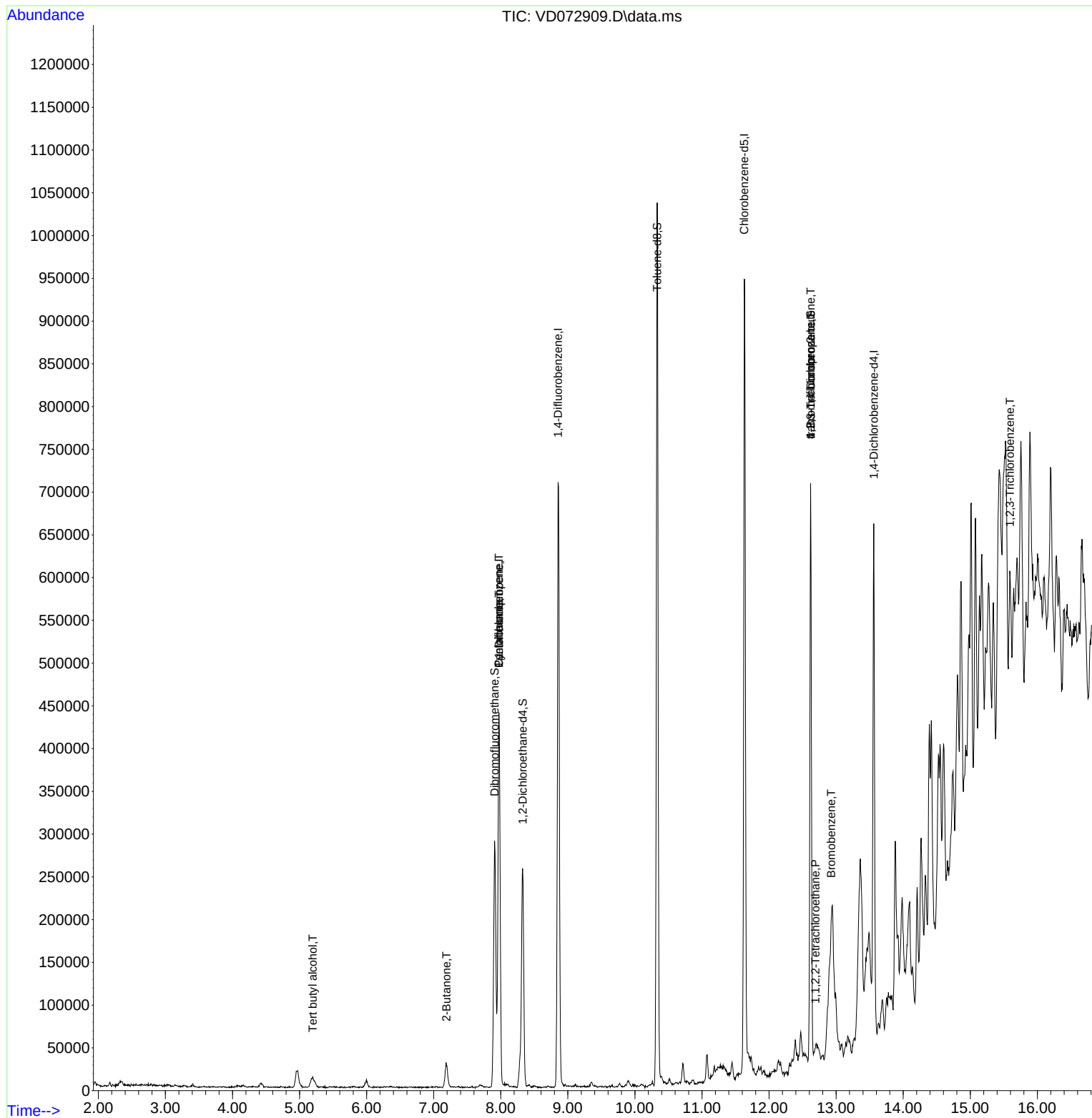
Internal Standards						
1) Pentafluorobenzene	7.973	168	311016	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	612337	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	538933	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	156449	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	201777	49.979	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.960%
35) Dibromofluoromethane	7.908	113	205999	47.901	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.800%
50) Toluene-d8	10.332	98	685383	44.429	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.860%
62) 4-Bromofluorobenzene	12.620	95	217051	37.734	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.460%
Target Compounds						
					Qvalue	
5) Bromomethane	2.767	94	1378	Below Cal	#	47
11) Tert butyl alcohol	5.197	59	9376	26.842	ug/l #	74
16) Acetone	4.161	43	4003	Below Cal		91
18) Methyl Acetate	4.732	43	57	Below Cal	#	55
20) Methylene Chloride	4.973	84	16799	Below Cal		83
25) 2-Butanone	7.191	43	1457	1.239	ug/l #	52
31) Cyclohexane	7.973	56	8066	1.143	ug/l #	9
36) 1,1-Dichloropropene	7.973	75	26932	3.851	ug/l #	53
75) 1,1,2,2-Tetrachloroethane	12.690	83	4237	1.724	ug/l #	39
76) 1,2,3-Trichloropropane	12.620	75	113747	65.203	ug/l #	100
77) Bromobenzene	12.926	156	180975	62.612	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	113747	149.940	ug/l #	8
96) 1,2,3-Trichlorobenzene	15.590	180	10778	4.046	ug/l #	16

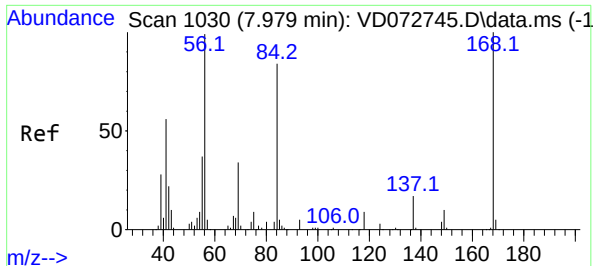
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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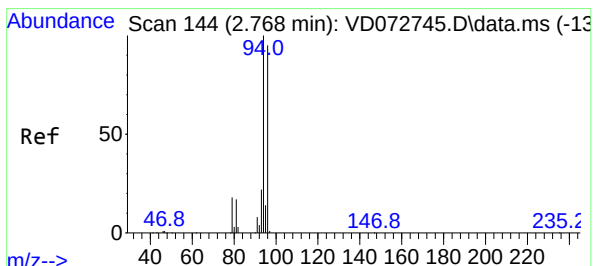
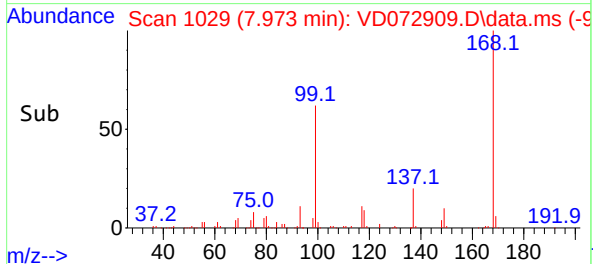
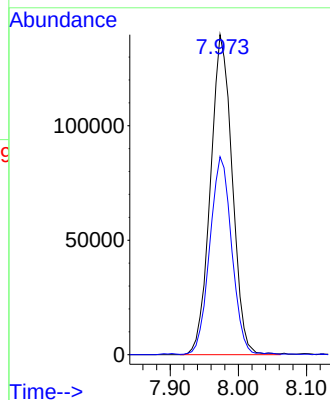
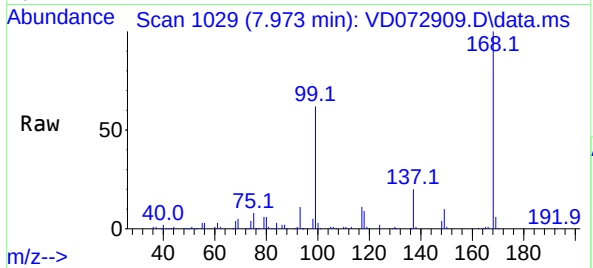




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072909.D
Acq: 10 May 2022 12:44

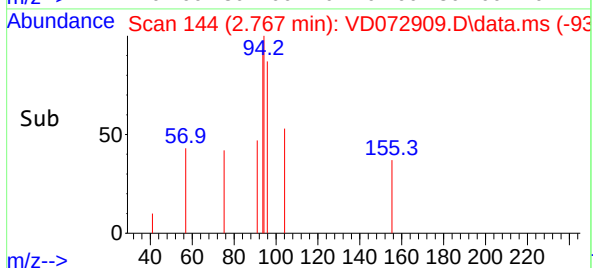
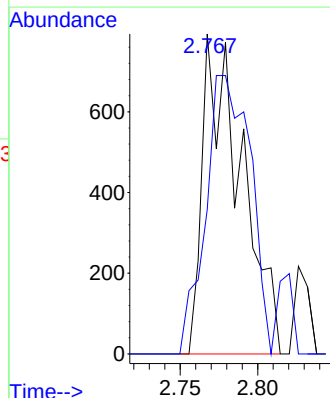
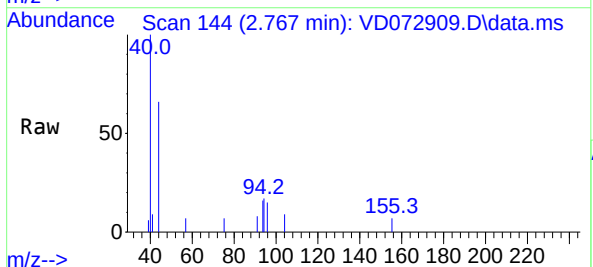
Instrument :
MSVOA_D
ClientSampleId :
24702

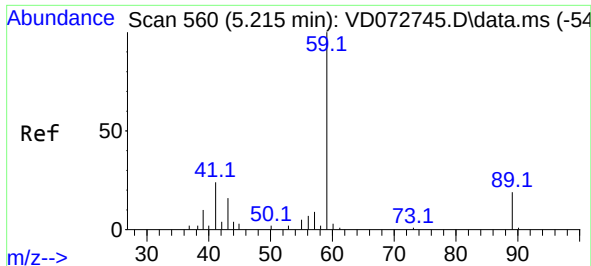
Tgt Ion:168 Resp: 311016
Ion Ratio Lower Upper
168 100
99 61.7 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.767 min Scan# 144
Delta R.T. -0.001 min
Lab File: VD072909.D
Acq: 10 May 2022 12:44

Tgt Ion: 94 Resp: 1378
Ion Ratio Lower Upper
94 100
96 45.1 77.6 116.4#

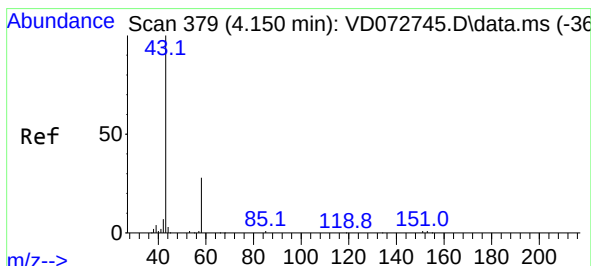
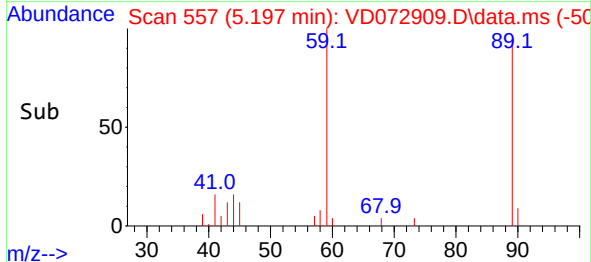
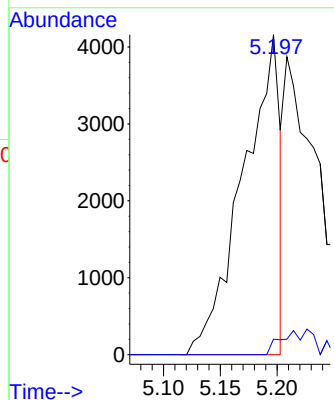
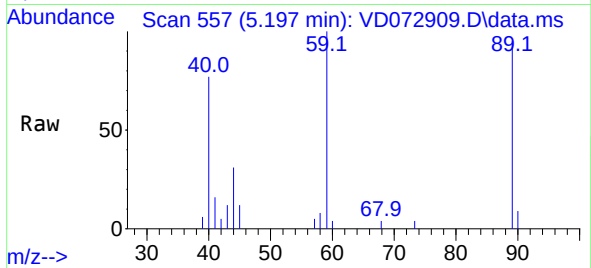




#11
Tert butyl alcohol
Concen: 26.842 ug/l
RT: 5.197 min Scan# 51
Delta R.T. -0.018 min
Lab File: VD072909.D
Acq: 10 May 2022 12:44

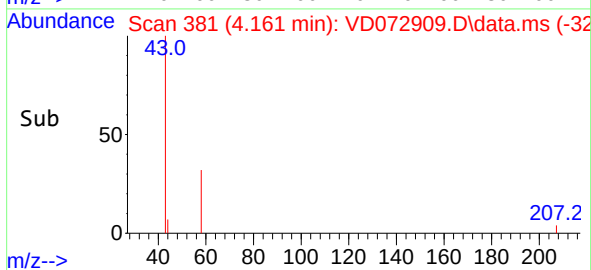
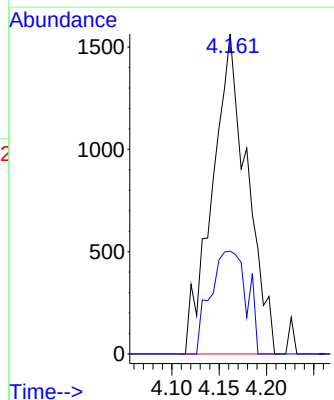
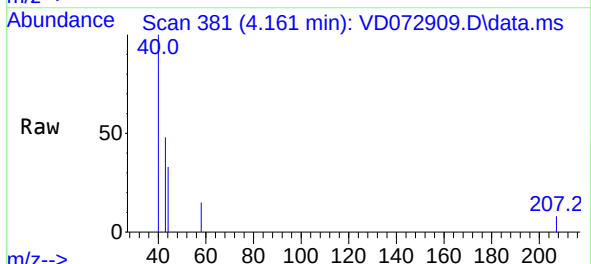
Instrument :
MSVOA_D
ClientSampleId :
24702

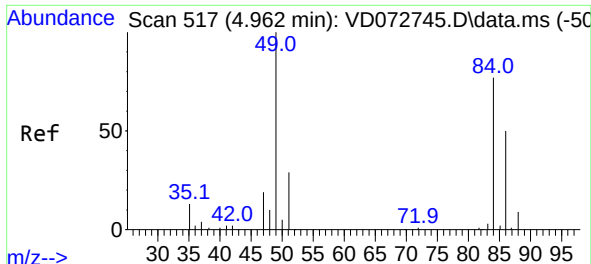
Tgt Ion: 59 Resp: 9376
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: Below Cal
RT: 4.161 min Scan# 381
Delta R.T. 0.011 min
Lab File: VD072909.D
Acq: 10 May 2022 12:44

Tgt Ion: 43 Resp: 4003
Ion Ratio Lower Upper
43 100
58 32.2 22.1 33.1



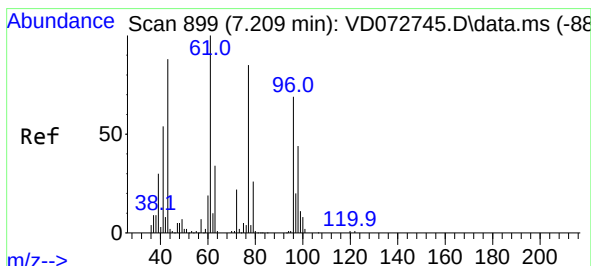
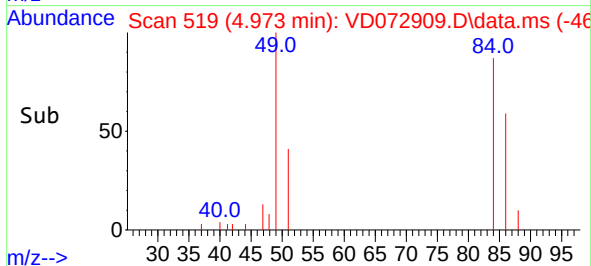
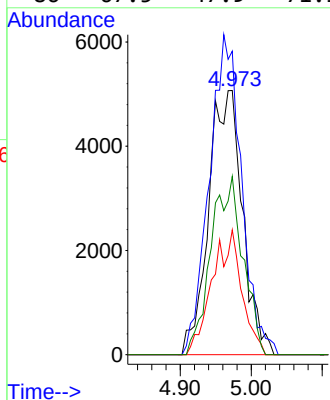
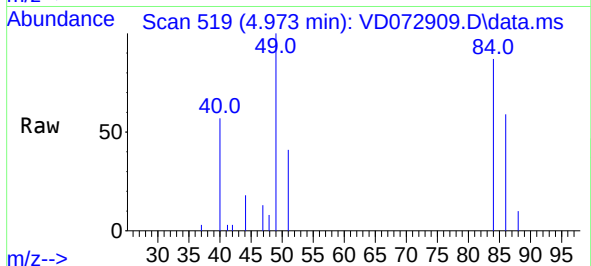


#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 517
Delta R.T. 0.011 min
Lab File: VD072909.D
Acq: 10 May 2022 12:44

Instrument :
MSVOA_D
ClientSampleId :
24702

Tgt Ion: 84 Resp: 16799

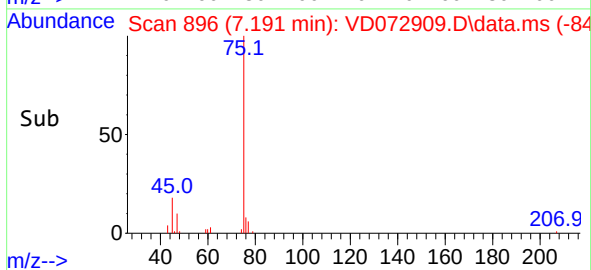
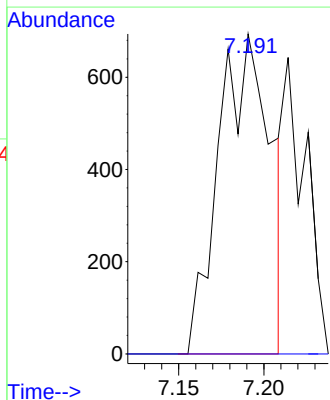
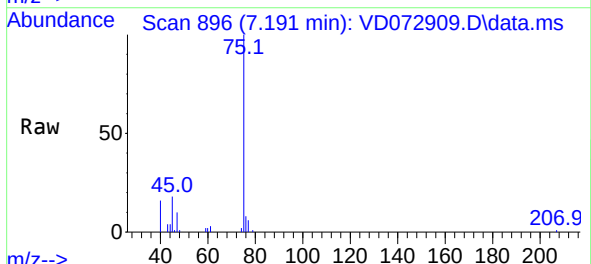
Ion	Ratio	Lower	Upper
84	100		
49	114.9	112.8	169.2
51	47.3	32.6	48.8
86	67.5	47.9	71.9

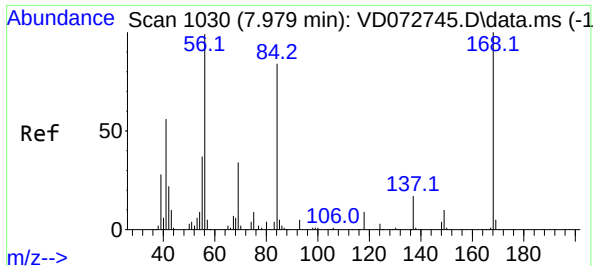


#25
2-Butanone
Concen: 1.239 ug/l
RT: 7.191 min Scan# 896
Delta R.T. -0.018 min
Lab File: VD072909.D
Acq: 10 May 2022 12:44

Tgt Ion: 43 Resp: 1457

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.6	27.8#





#31

Cyclohexane

Concen: 1.143 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD072909.D

Acq: 10 May 2022 12:44

Instrument :

MSVOA_D

ClientSampleId :

24702

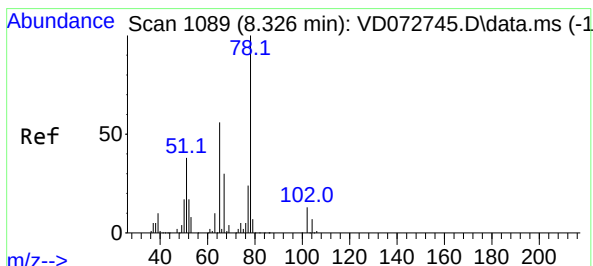
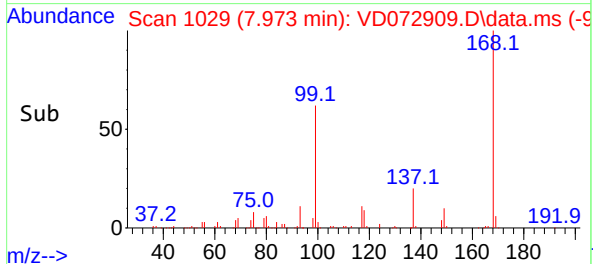
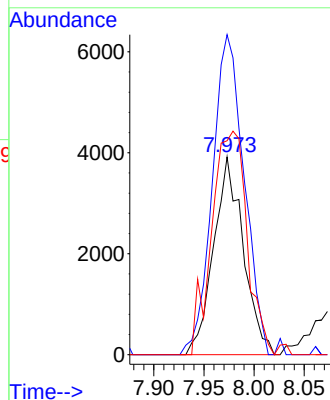
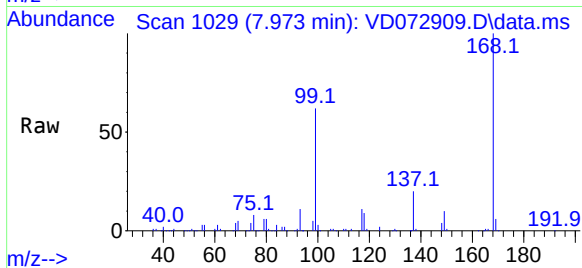
Tgt Ion: 56 Resp: 8066

Ion Ratio Lower Upper

56 100

69 161.8 25.4 38.2#

84 108.2 63.0 94.4#



#33

1,2-Dichloroethane-d4

Concen: 49.979 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072909.D

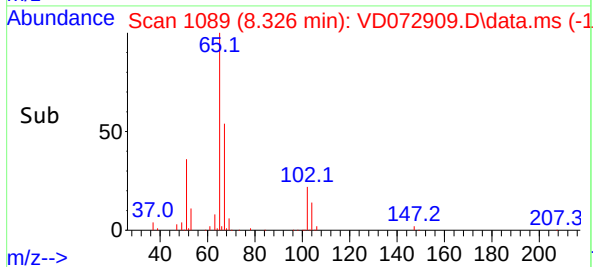
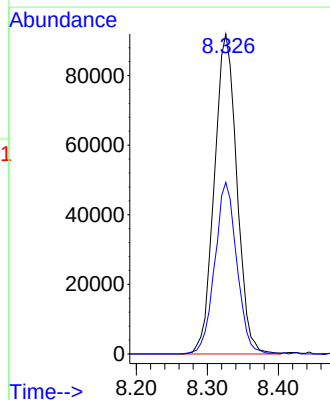
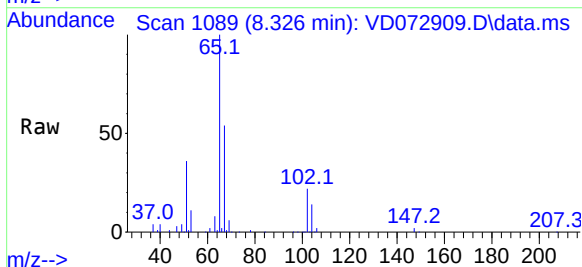
Acq: 10 May 2022 12:44

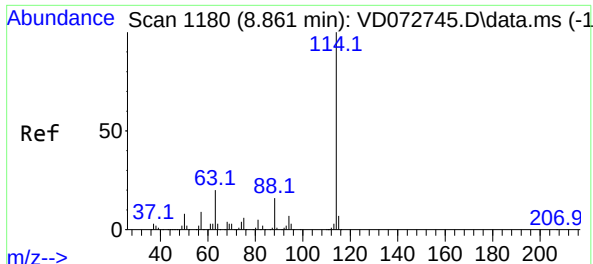
Tgt Ion: 65 Resp: 201777

Ion Ratio Lower Upper

65 100

67 52.6 0.0 101.4



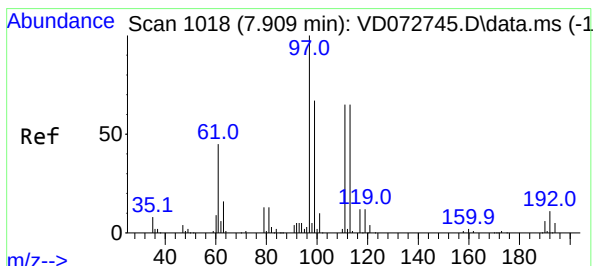
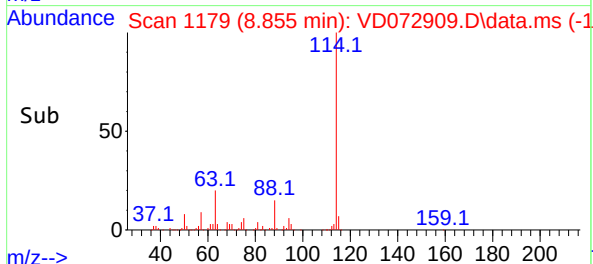
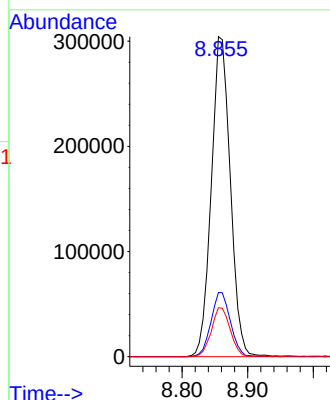
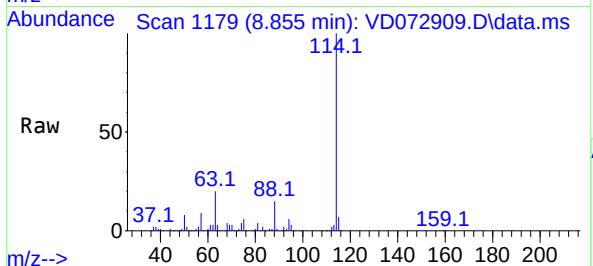


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD072909.D
Acq: 10 May 2022 12:44

Instrument :
MSVOA_D
ClientSampleId :
24702

Tgt Ion:114 Resp: 612337

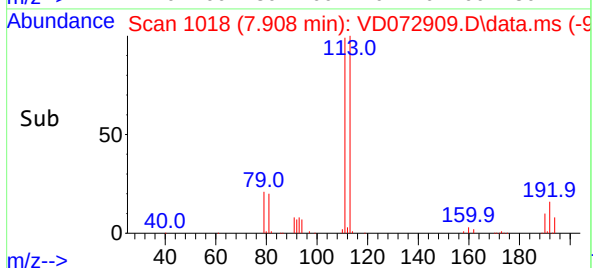
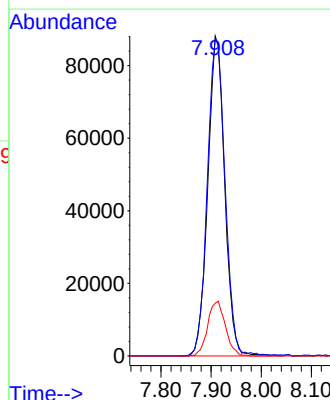
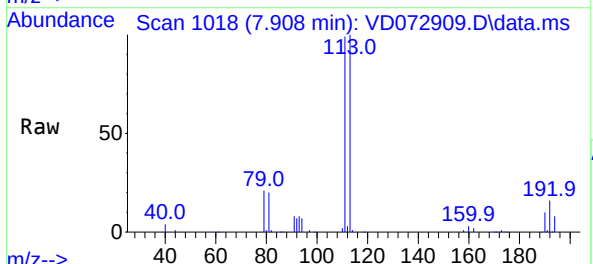
Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	46.6
88	15.3	0.0	33.2

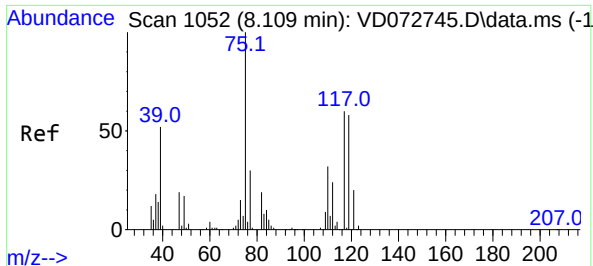


#35
Dibromofluoromethane
Concen: 47.901 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD072909.D
Acq: 10 May 2022 12:44

Tgt Ion:113 Resp: 205999

Ion	Ratio	Lower	Upper
113	100		
111	103.5	83.8	125.6
192	18.0	14.6	21.8

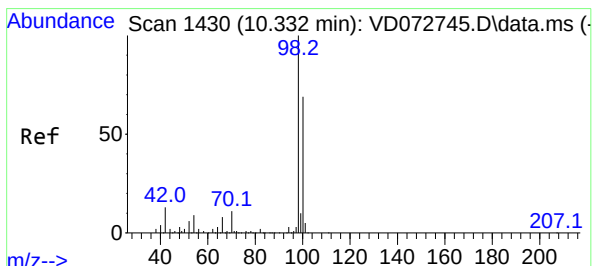
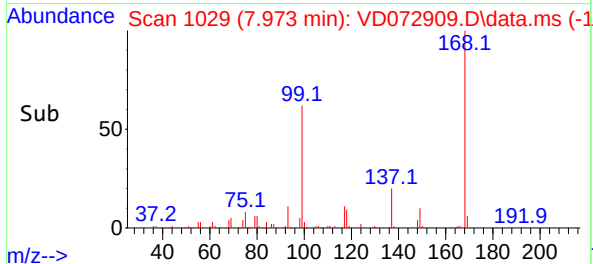
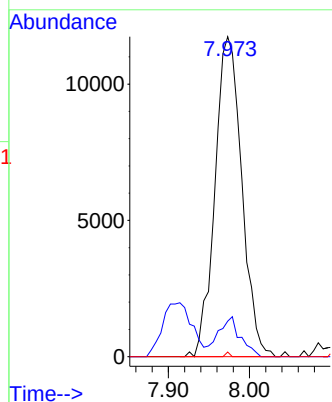
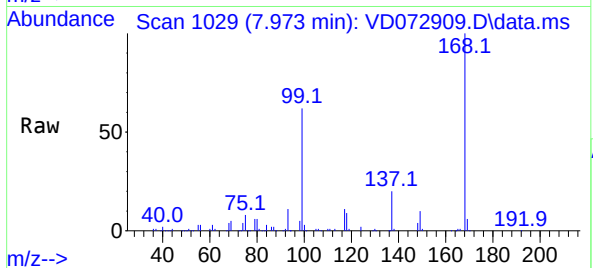




#36
1,1-Dichloropropene
Concen: 3.851 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.136 min
Lab File: VD072909.D
Acq: 10 May 2022 12:44

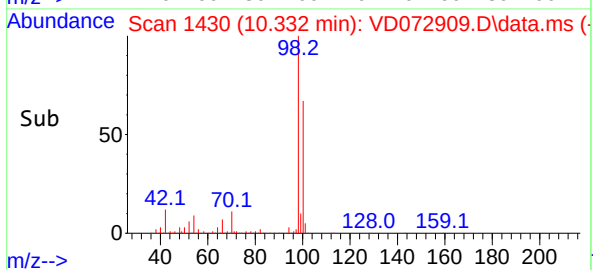
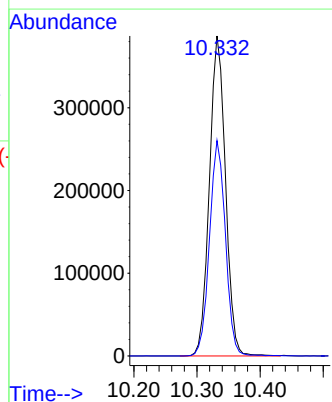
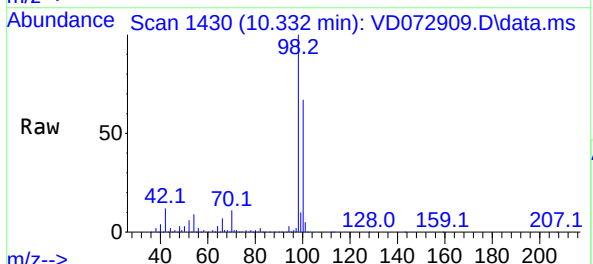
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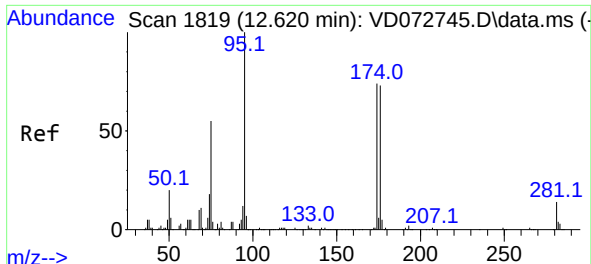
Tgt Ion: 75 Resp: 26932
Ion Ratio Lower Upper
75 100
110 10.5 16.4 49.1#
77 0.2 24.2 36.2#



#50
Toluene-d8
Concen: 44.429 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072909.D
Acq: 10 May 2022 12:44

Tgt Ion: 98 Resp: 685383
Ion Ratio Lower Upper
98 100
100 66.8 52.4 78.6

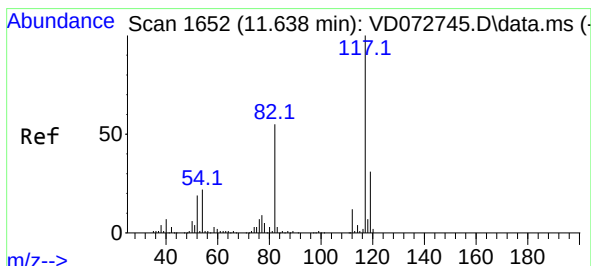
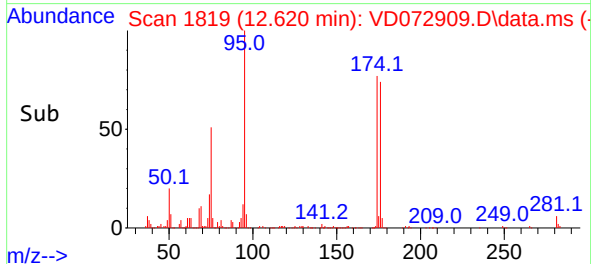
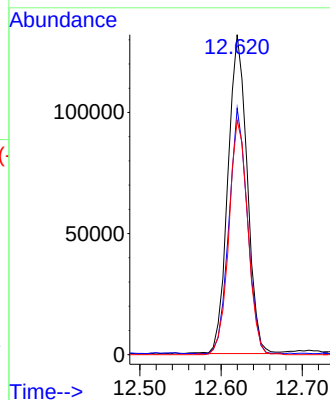
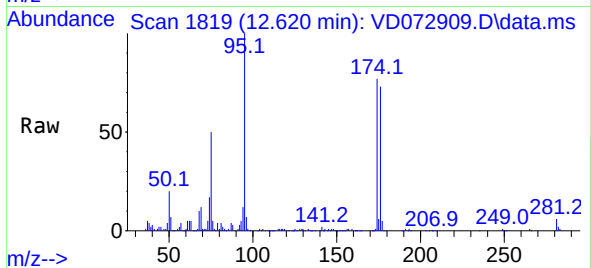




#62
4-Bromofluorobenzene
Concen: 37.734 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072909.D
Acq: 10 May 2022 12:44

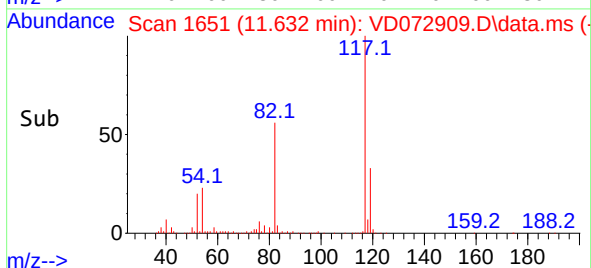
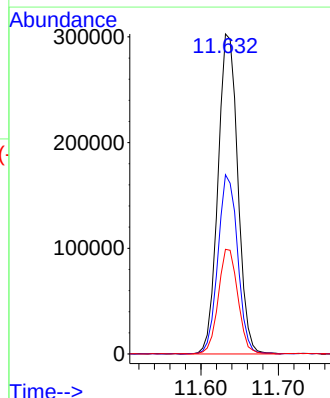
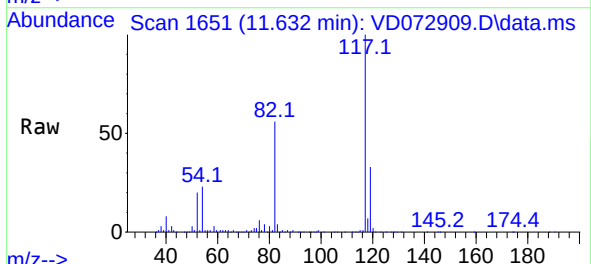
Instrument :
MSVOA_D
ClientSampleId :
24702

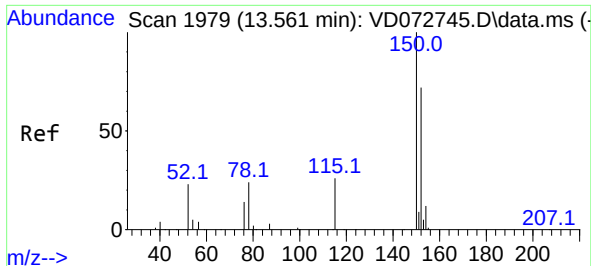
Tgt Ion: 95 Resp: 217051
Ion Ratio Lower Upper
95 100
174 73.9 0.0 152.8
176 71.9 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD072909.D
Acq: 10 May 2022 12:44

Tgt Ion: 117 Resp: 538933
Ion Ratio Lower Upper
117 100
82 56.0 45.3 67.9
119 32.6 26.6 40.0

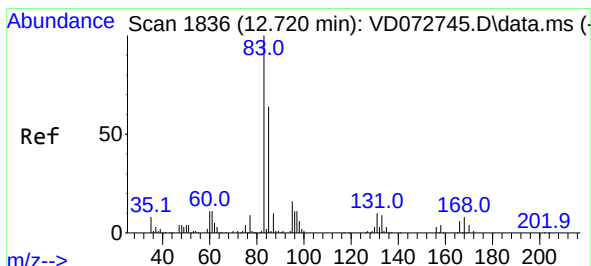
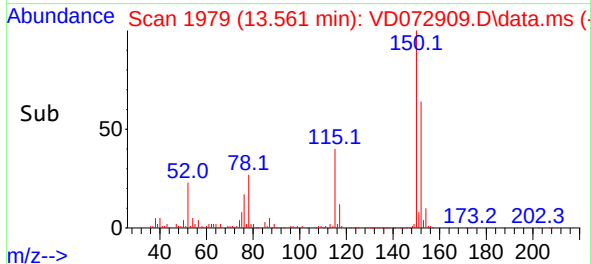
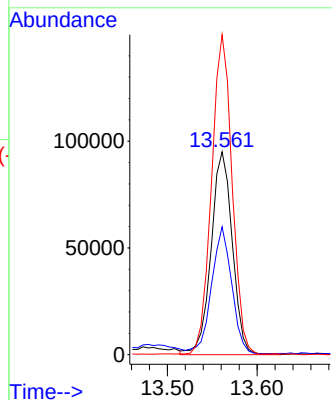
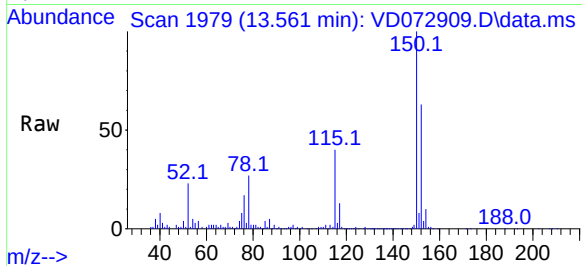




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD072909.D
Acq: 10 May 2022 12:44

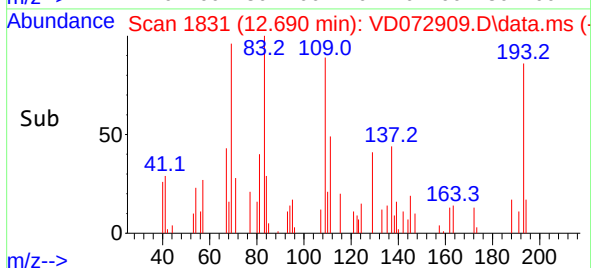
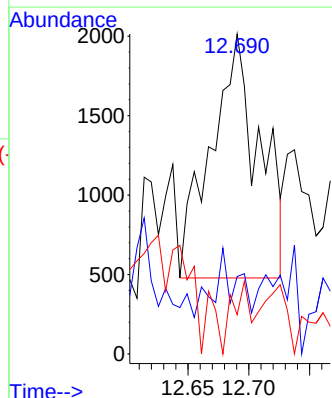
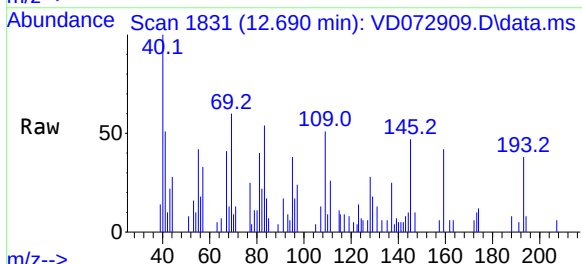
Instrument :
MSVOA_D
ClientSampleId :
24702

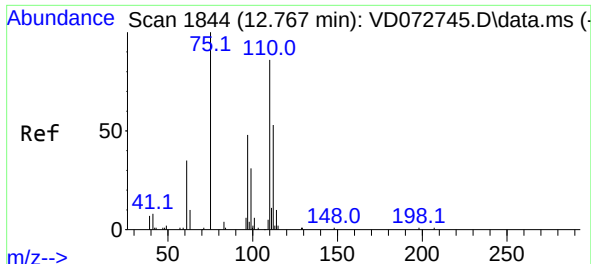
Tgt Ion:152 Resp: 156449
Ion Ratio Lower Upper
152 100
115 59.2 31.3 93.8
150 151.4 0.0 348.6



#75
1,1,2,2-Tetrachloroethane
Concen: 1.724 ug/l
RT: 12.690 min Scan# 1831
Delta R.T. -0.030 min
Lab File: VD072909.D
Acq: 10 May 2022 12:44

Tgt Ion: 83 Resp: 4237
Ion Ratio Lower Upper
83 100
131 12.5 5.0 14.9
85 10.6 32.6 98.0#

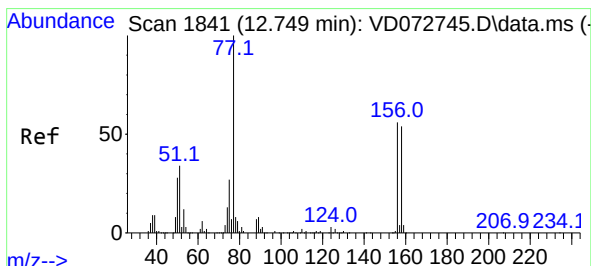
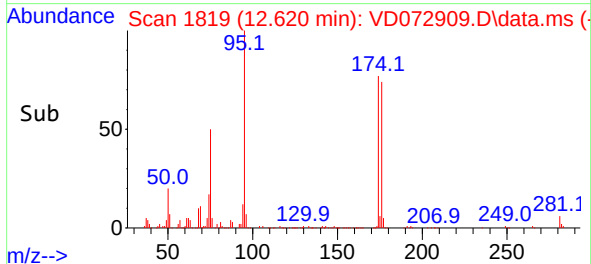
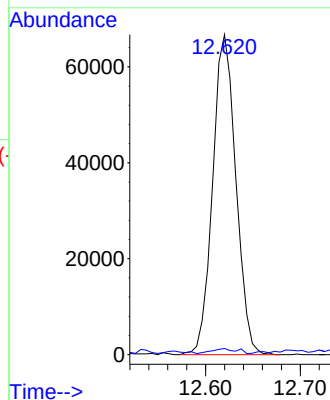
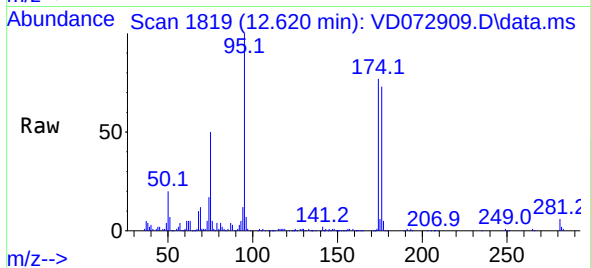




#76
1,2,3-Trichloropropane
Concen: 65.203 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD072909.D
Acq: 10 May 2022 12:44

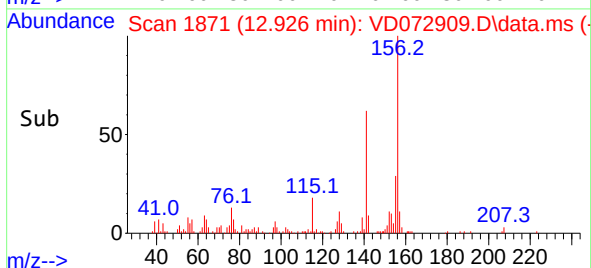
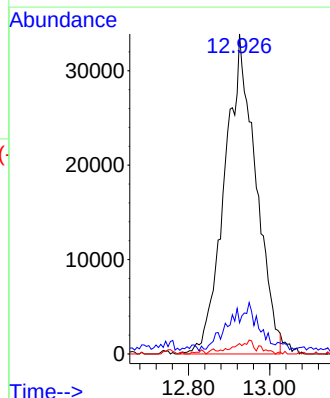
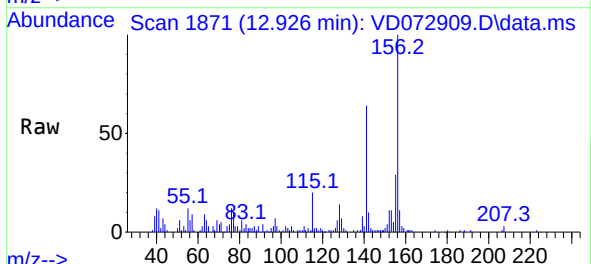
Instrument :
MSVOA_D
ClientSampleId :
24702

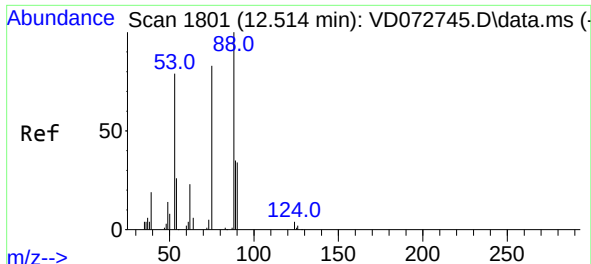
Tgt Ion: 75 Resp: 113747
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#77
Bromobenzene
Concen: 62.612 ug/l
RT: 12.926 min Scan# 1871
Delta R.T. 0.177 min
Lab File: VD072909.D
Acq: 10 May 2022 12:44

Tgt Ion:156 Resp: 180975
Ion Ratio Lower Upper
156 100
77 5.8 102.8 308.3#
158 1.3 48.7 146.1#

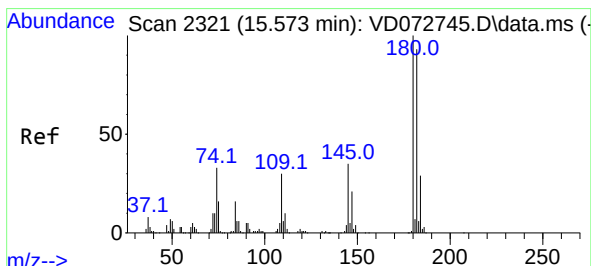
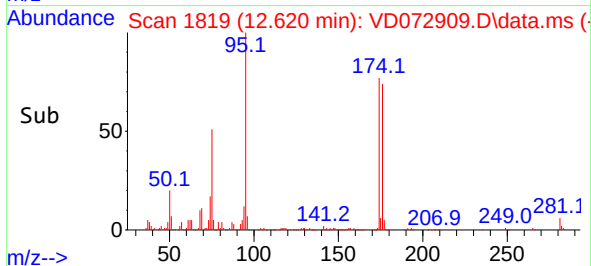
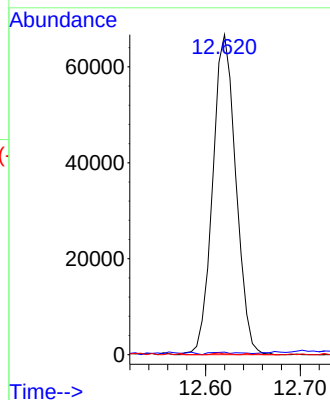
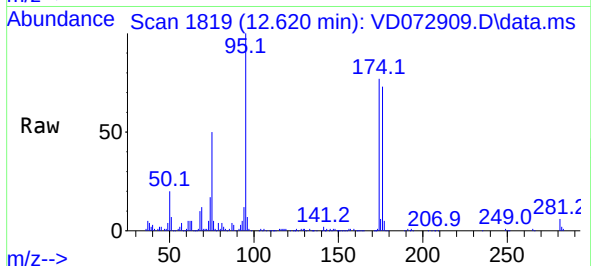




#81
trans-1,4-Dichloro-2-butene
Concen: 149.940 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD072909.D
Acq: 10 May 2022 12:44

Instrument :
MSVOA_D
ClientSampleId :
24702

Tgt Ion: 75 Resp: 113747
Ion Ratio Lower Upper
75 100
53 0.7 86.5 129.7#
89 0.3 33.9 50.9#



#96
1,2,3-Trichlorobenzene
Concen: 4.046 ug/l
RT: 15.590 min Scan# 2324
Delta R.T. 0.017 min
Lab File: VD072909.D
Acq: 10 May 2022 12:44

Tgt Ion:180 Resp: 10778
Ion Ratio Lower Upper
180 100
182 11.4 47.6 142.9#
145 78.6 17.1 51.3#

