

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022322\
 Data File : VD072072.D
 Acq On : 23 Feb 2022 13:13
 Operator : VA/SY
 Sample : N1636-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-02-022222

Quant Time: Feb 24 06:46:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

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

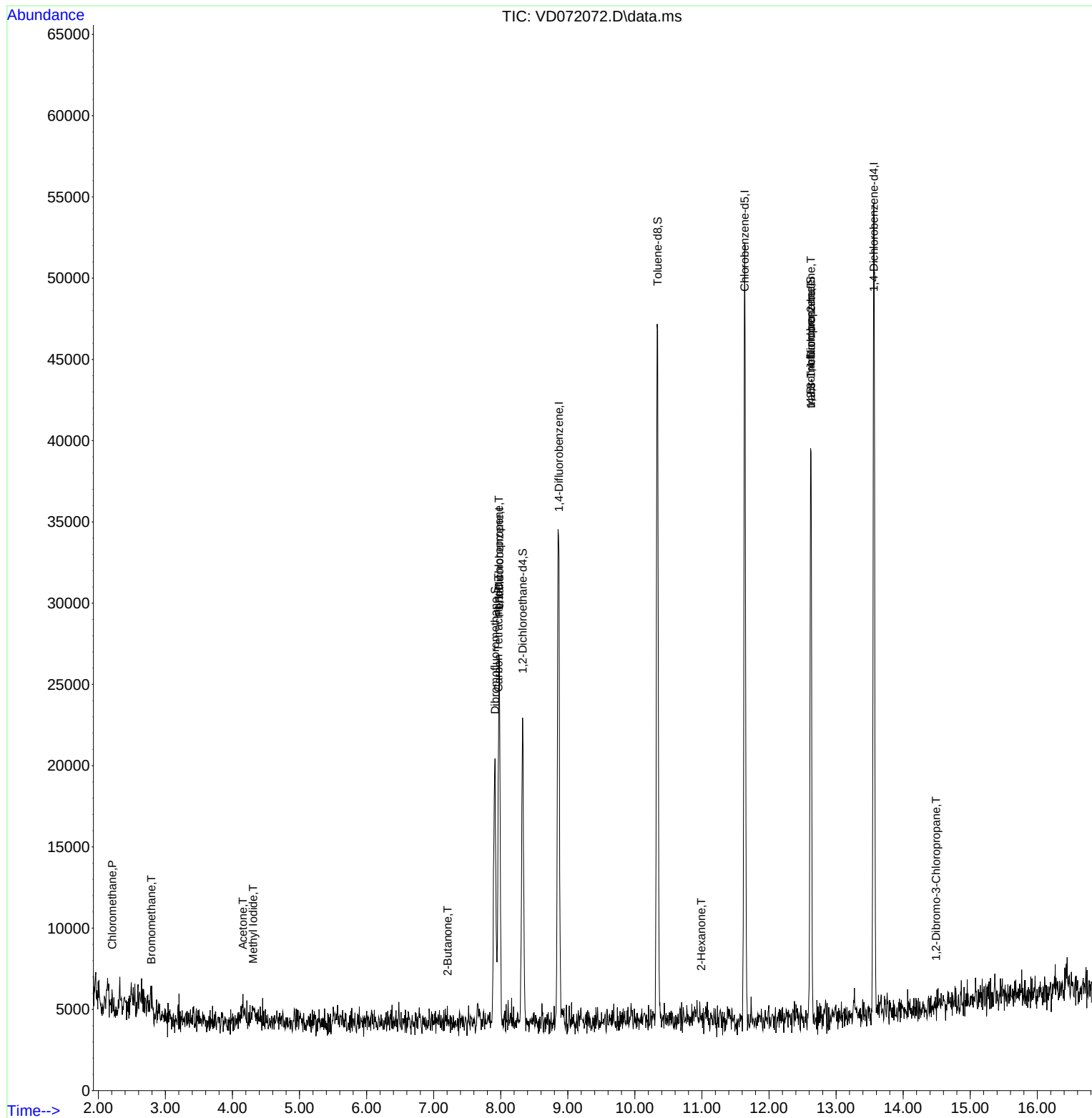
Internal Standards						
1) Pentafluorobenzene	7.979	168	17197	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	26162	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	27012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	13237	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	14037	78.690	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 157.380%	
35) Dibromofluoromethane	7.914	113	11652	73.511	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 147.020%#	
50) Toluene-d8	10.338	98	30888	52.547	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.100%	
62) 4-Bromofluorobenzene	12.620	95	12136	56.206	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.420%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.209	50	1047	7.370	ug/l #	77
5) Bromomethane	2.791	94	1286	12.420	ug/l	91
10) Methyl Iodide	4.309	142	834	6.947	ug/l #	72
16) Acetone	4.156	43	1919	49.777	ug/l #	45
25) 2-Butanone	7.209	43	161	3.022	ug/l #	50
36) 1,1-Dichloropropene	7.973	75	1750	7.289	ug/l #	41
38) Carbon Tetrachloride	7.967	117	1769	7.188	ug/l #	12
59) 2-Hexanone	10.991	43	148	1.975	ug/l #	25
76) 1,2,3-Trichloropropane	12.626	75	6415	51.163	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	6415	128.123	ug/l #	10
92) 1,2-Dibromo-3-Chloropr...	14.491	75	63	2.251	ug/l #	2

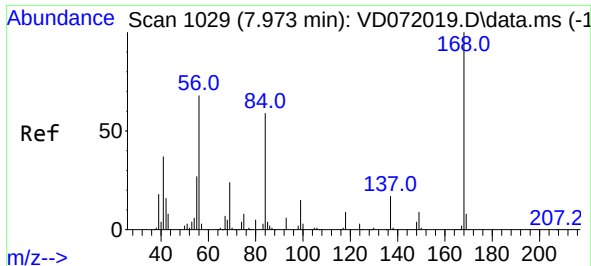
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Feb 19 04:05:38 2022
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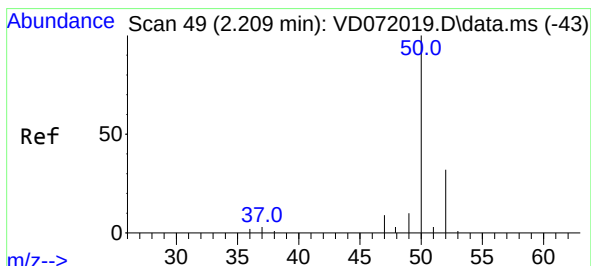
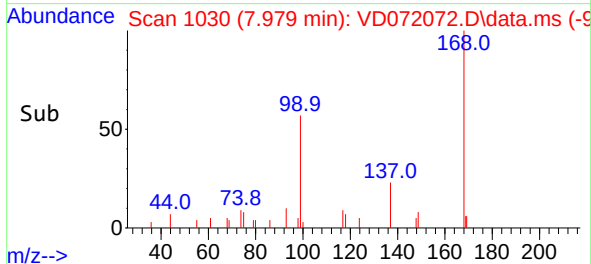
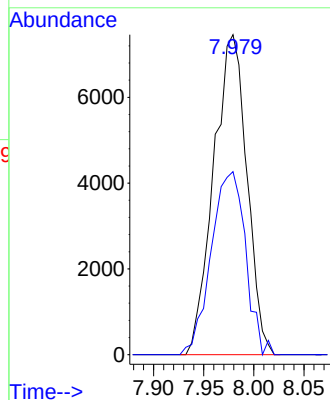
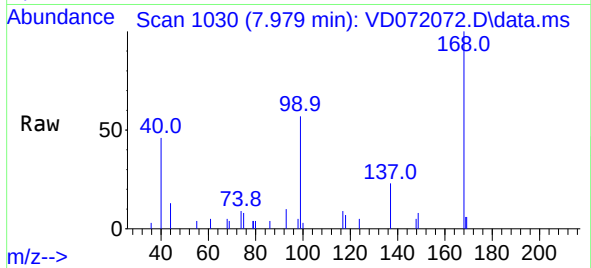




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD072072.D
Acq: 23 Feb 2022 13:13

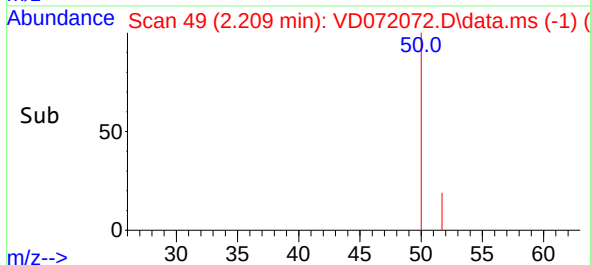
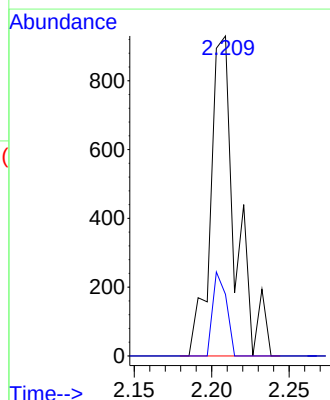
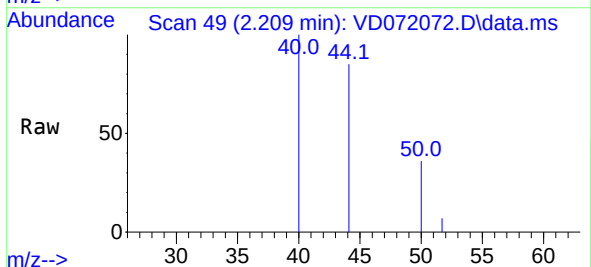
Instrument :
MSVOA_D
ClientSampleId :
HR-02-022222

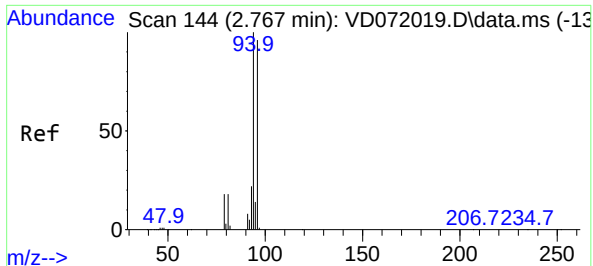
Tgt Ion:168 Resp: 17197
Ion Ratio Lower Upper
168 100
99 57.2 47.1 70.7



#3
Chloromethane
Concen: 7.370 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD072072.D
Acq: 23 Feb 2022 13:13

Tgt Ion: 50 Resp: 1047
Ion Ratio Lower Upper
50 100
52 19.2 25.5 38.3#

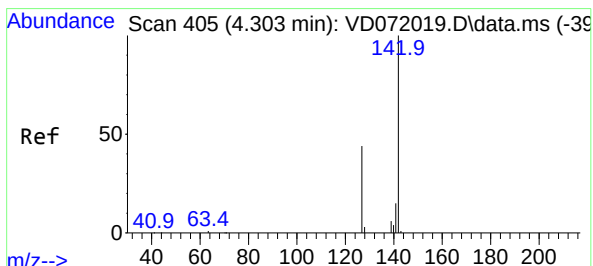
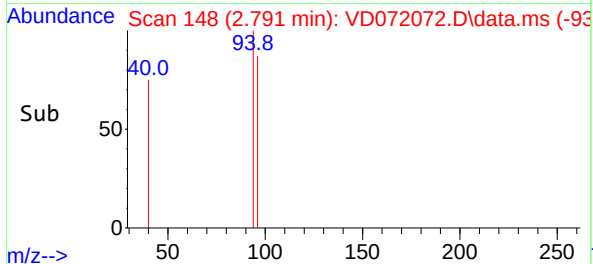
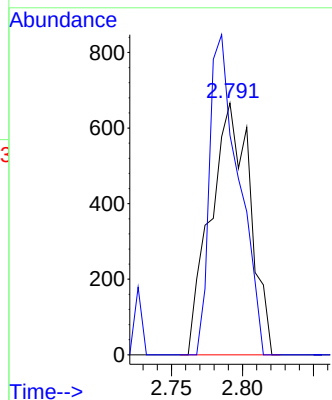
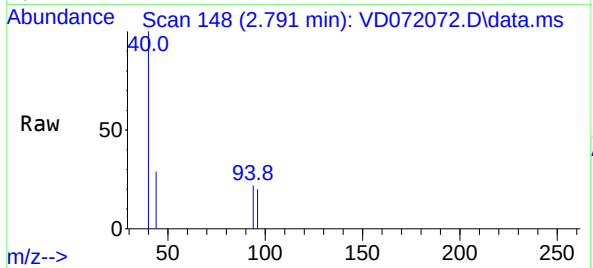




#5
Bromomethane
Concen: 12.420 ug/l
RT: 2.791 min Scan# 144
Delta R.T. 0.024 min
Lab File: VD072072.D
Acq: 23 Feb 2022 13:13

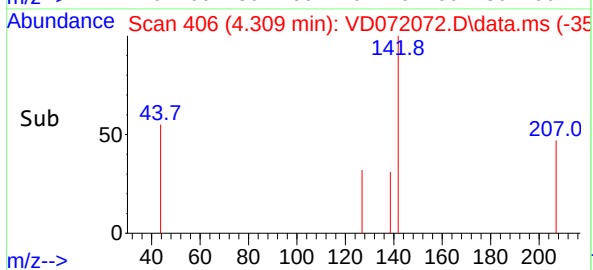
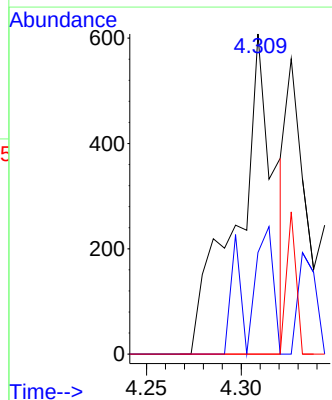
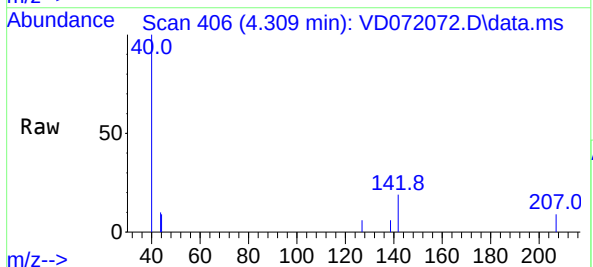
Instrument :
MSVOA_D
ClientSampleId :
HR-02-022222

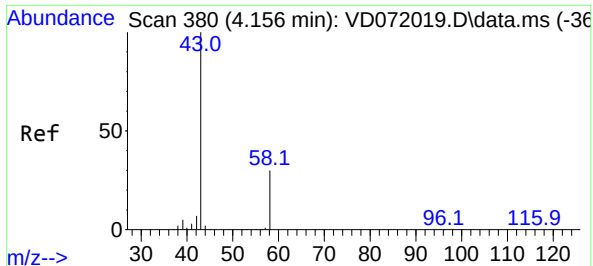
Tgt Ion: 94 Resp: 1286
Ion Ratio Lower Upper
94 100
96 87.2 76.8 115.2



#10
Methyl Iodide
Concen: 6.947 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD072072.D
Acq: 23 Feb 2022 13:13

Tgt Ion: 142 Resp: 834
Ion Ratio Lower Upper
142 100
127 28.1 35.8 53.8#
141 0.0 11.6 17.4#

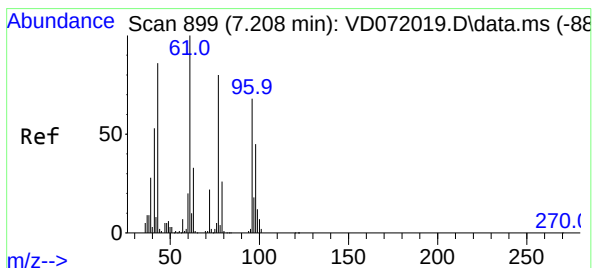
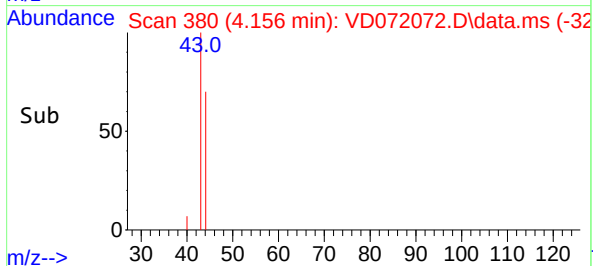
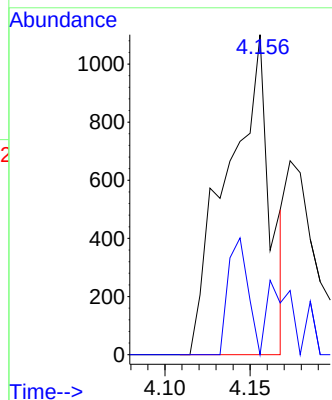
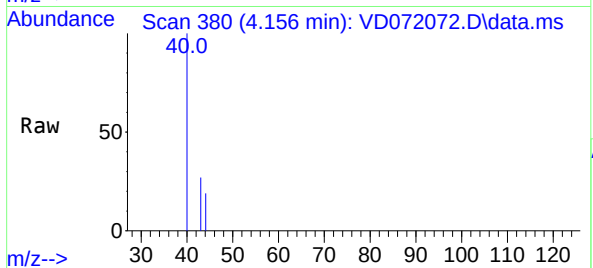




#16
Acetone
Concen: 49.777 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072072.D
Acq: 23 Feb 2022 13:13

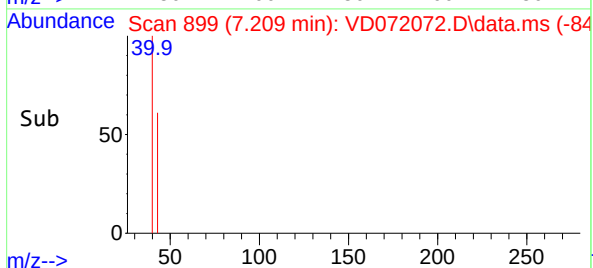
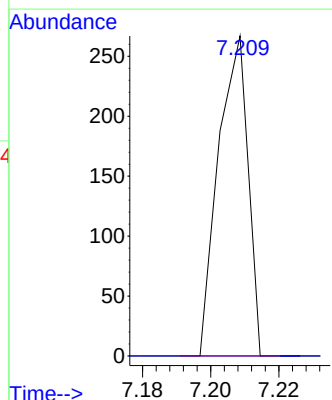
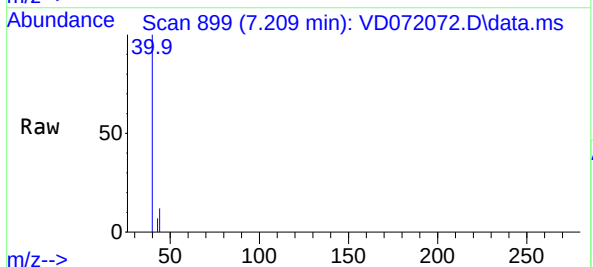
Instrument :
MSVOA_D
ClientSampleId :
HR-02-022222

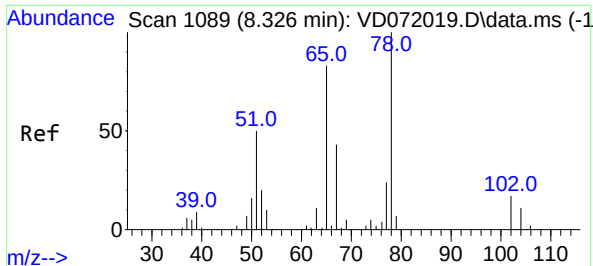
Tgt Ion: 43 Resp: 1919
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.6#



#25
2-Butanone
Concen: 3.022 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD072072.D
Acq: 23 Feb 2022 13:13

Tgt Ion: 43 Resp: 161
Ion Ratio Lower Upper
43 100
72 0.0 20.3 30.5#

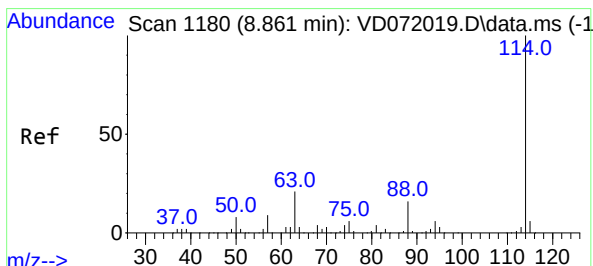
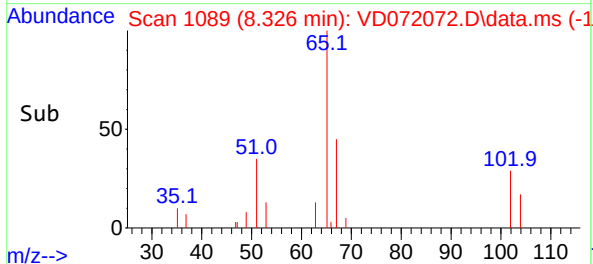
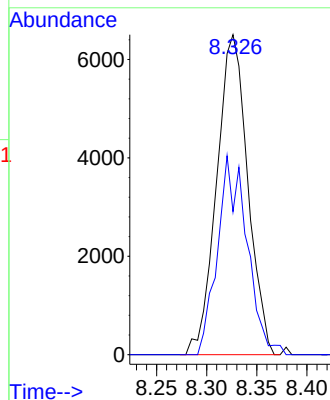
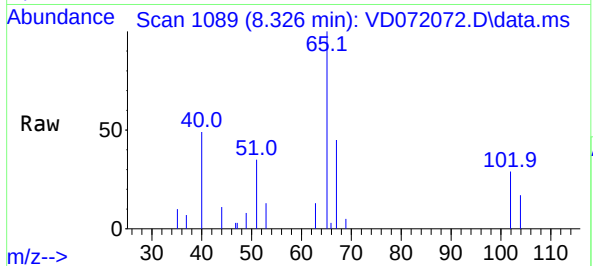




#33
1,2-Dichloroethane-d4
Concen: 78.690 ug/l
RT: 8.326 min Scan# 1108
Delta R.T. 0.000 min
Lab File: VD072072.D
Acq: 23 Feb 2022 13:13

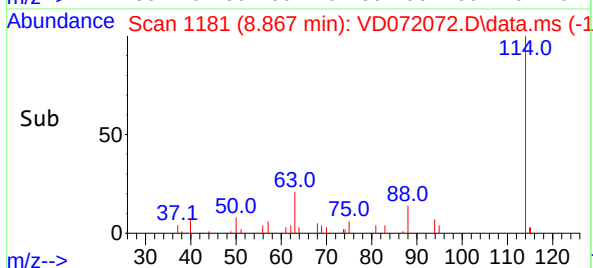
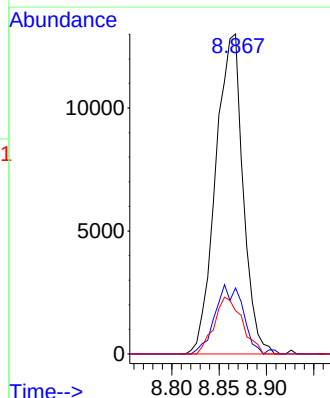
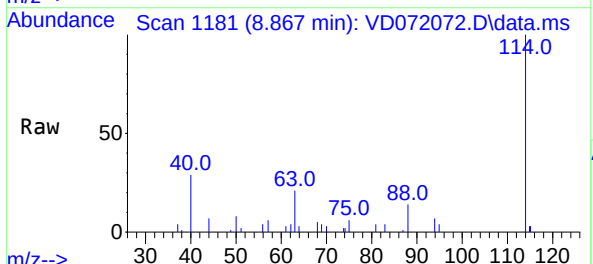
Instrument :
MSVOA_D
ClientSampleId :
HR-02-022222

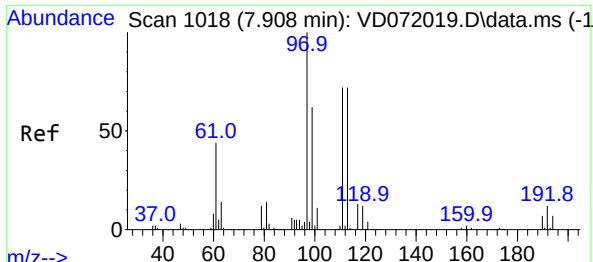
Tgt Ion: 65 Resp: 14037
Ion Ratio Lower Upper
65 100
67 58.6 0.0 105.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.006 min
Lab File: VD072072.D
Acq: 23 Feb 2022 13:13

Tgt Ion:114 Resp: 26162
Ion Ratio Lower Upper
114 100
63 20.6 0.0 42.2
88 13.5 0.0 31.2



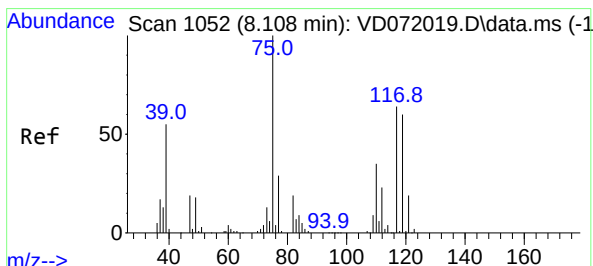
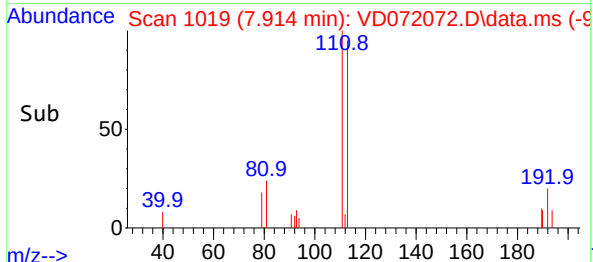
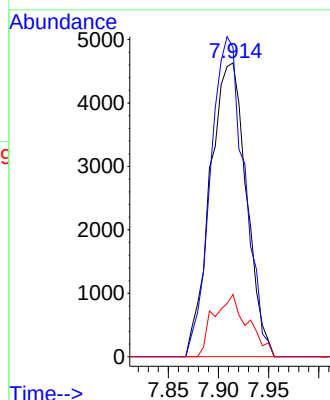
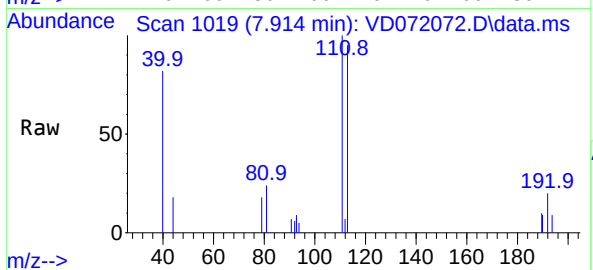


#35
Dibromofluoromethane
Concen: 73.511 ug/l
RT: 7.914 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD072072.D
Acq: 23 Feb 2022 13:13

Instrument :
MSVOA_D
ClientSampleId :
HR-02-022222

Tgt Ion:113 Resp: 11652

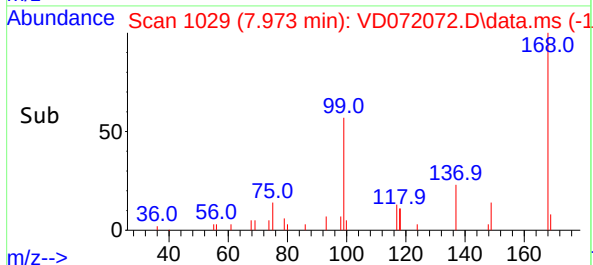
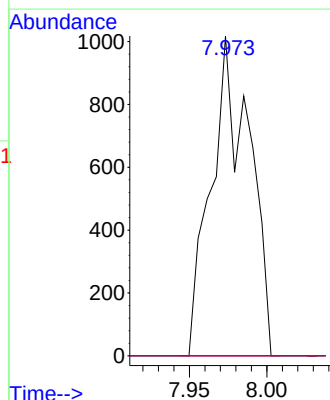
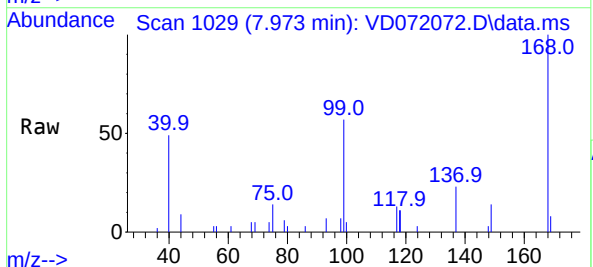
Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.0	124.4
192	20.0	15.3	22.9

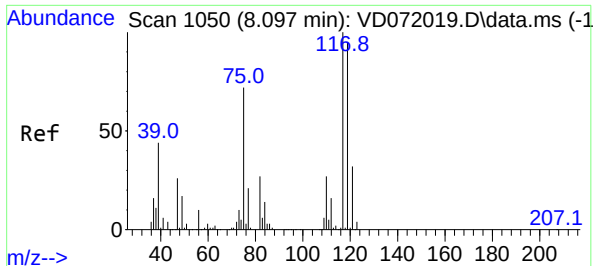


#36
1,1-Dichloropropene
Concen: 7.289 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD072072.D
Acq: 23 Feb 2022 13:13

Tgt Ion: 75 Resp: 1750

Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.7	53.1#
77	0.0	24.8	37.2#

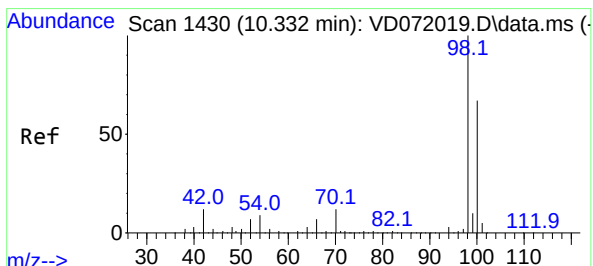
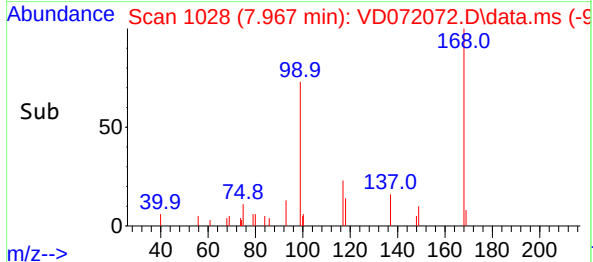
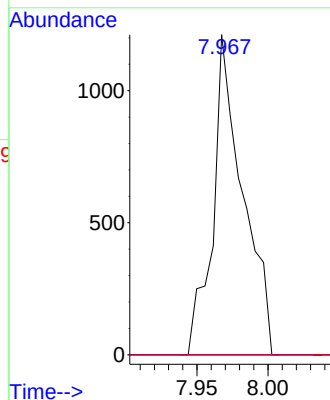
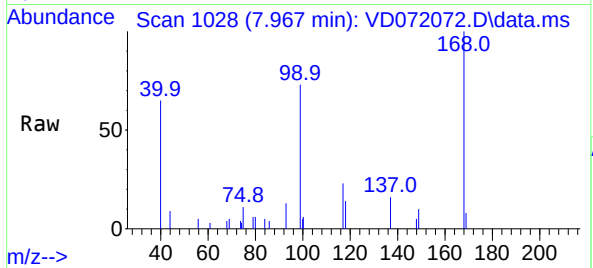




#38
Carbon Tetrachloride
Concen: 7.188 ug/l
RT: 7.967 min Scan# 1050
Delta R.T. -0.129 min
Lab File: VD072072.D
Acq: 23 Feb 2022 13:13

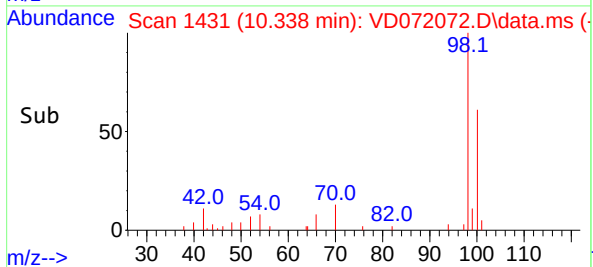
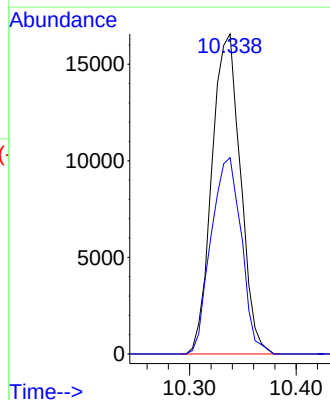
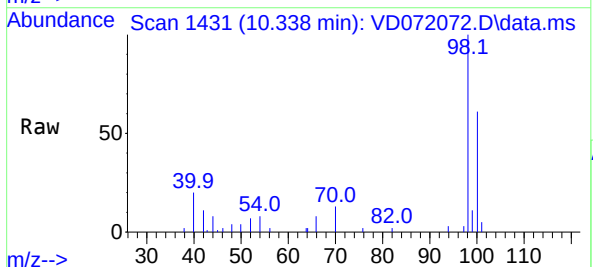
Instrument :
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ClientSampleId :
HR-02-022222

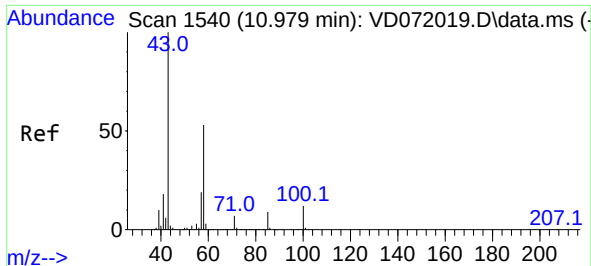
Tgt Ion:117 Resp: 1769
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 52.547 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072072.D
Acq: 23 Feb 2022 13:13

Tgt Ion: 98 Resp: 30888
Ion Ratio Lower Upper
98 100
100 65.1 53.8 80.6

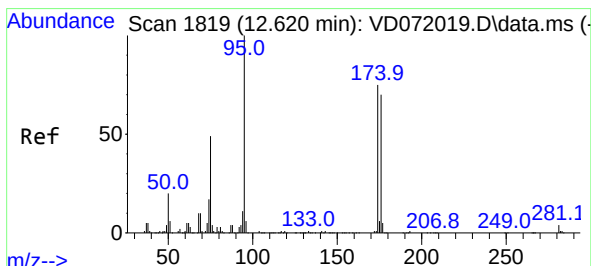
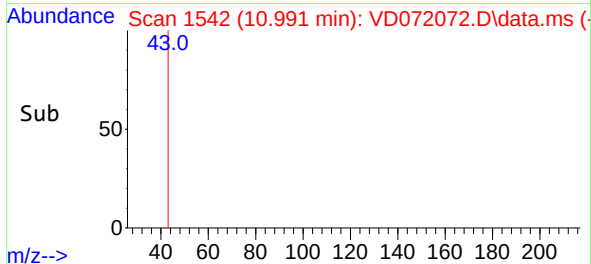
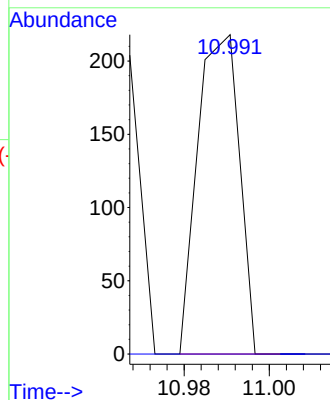
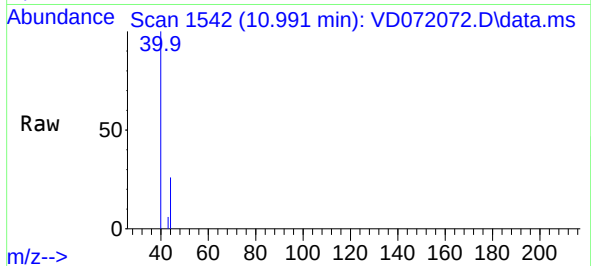




#59
2-Hexanone
Concen: 1.975 ug/l
RT: 10.991 min Scan# 11
Delta R.T. 0.012 min
Lab File: VD072072.D
Acq: 23 Feb 2022 13:13

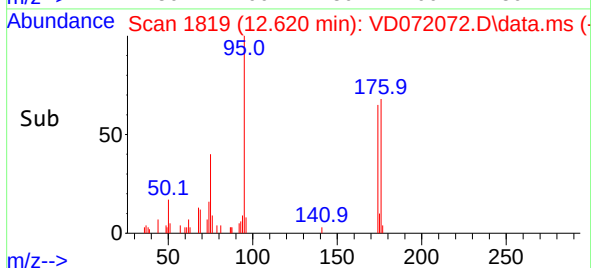
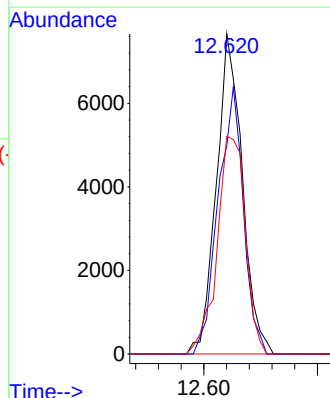
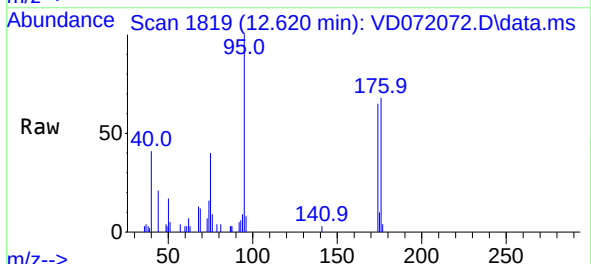
Instrument :
MSVOA_D
ClientSampleId :
HR-02-022222

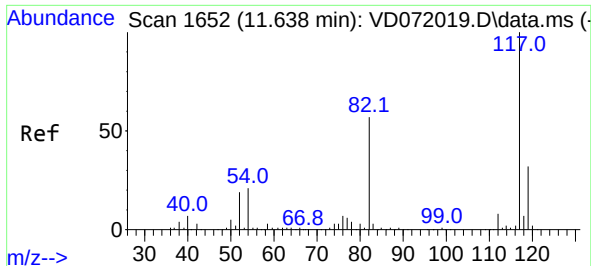
Tgt Ion: 43 Resp: 148
Ion Ratio Lower Upper
43 100
58 0.0 27.0 80.8#



#62
4-Bromofluorobenzene
Concen: 56.206 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072072.D
Acq: 23 Feb 2022 13:13

Tgt Ion: 95 Resp: 12136
Ion Ratio Lower Upper
95 100
174 81.0 0.0 155.0
176 73.9 0.0 148.8

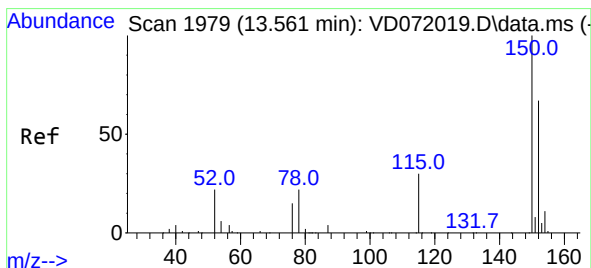
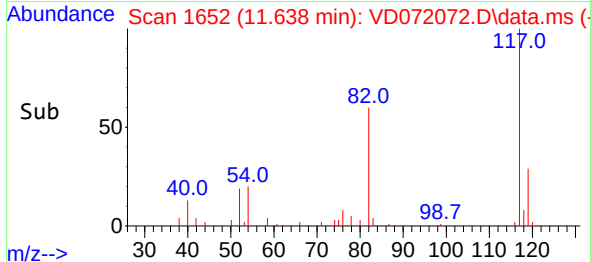
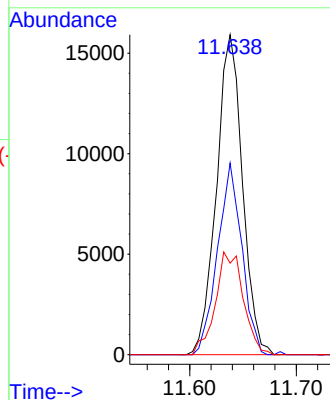
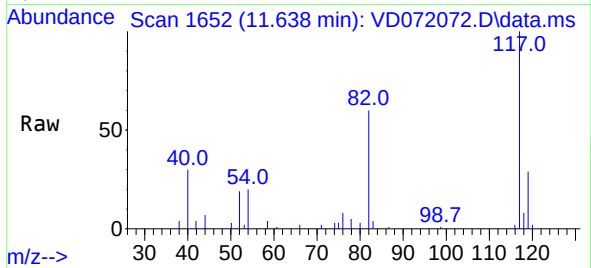




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD072072.D
Acq: 23 Feb 2022 13:13

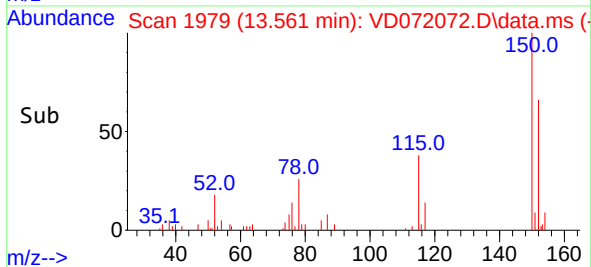
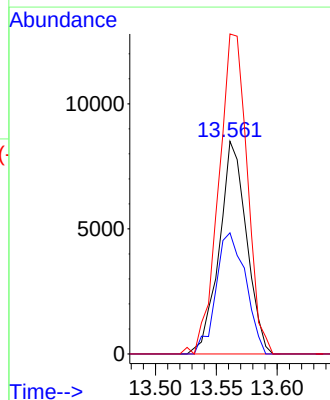
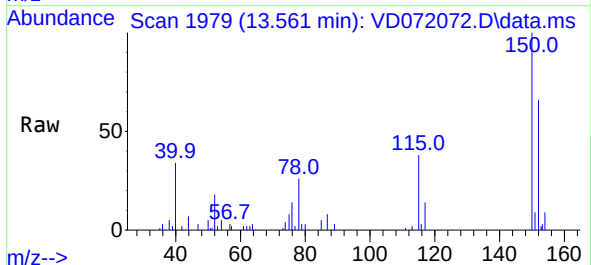
Instrument :
MSVOA_D
ClientSampleId :
HR-02-022222

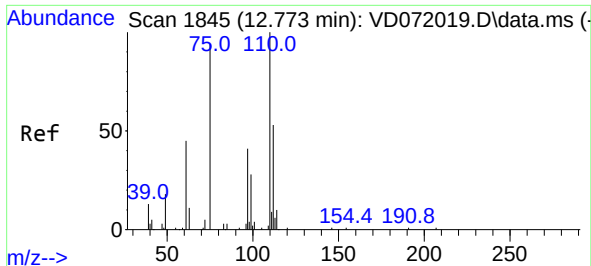
Tgt Ion:117 Resp: 27012
Ion Ratio Lower Upper
117 100
82 59.9 45.4 68.0
119 28.6 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072072.D
Acq: 23 Feb 2022 13:13

Tgt Ion:152 Resp: 13237
Ion Ratio Lower Upper
152 100
115 61.8 29.9 89.7
150 157.7 0.0 347.6

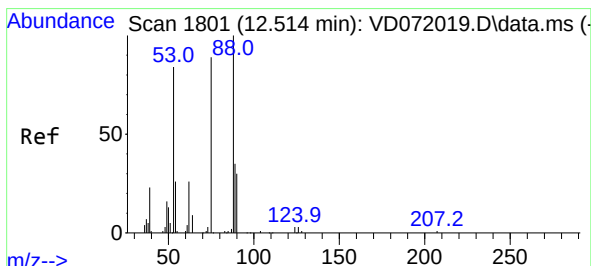
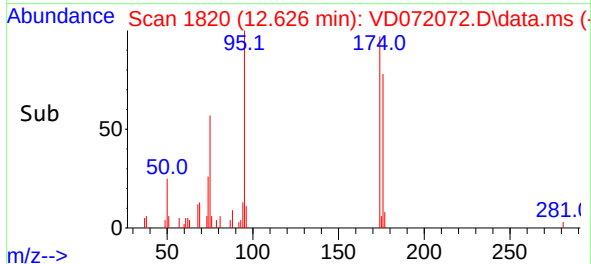
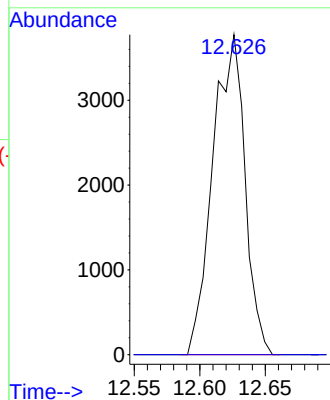
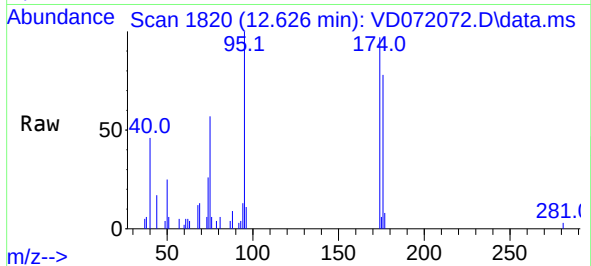




#76
1,2,3-Trichloropropane
Concen: 51.163 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072072.D
Acq: 23 Feb 2022 13:13

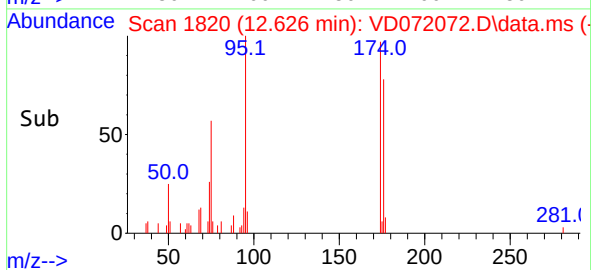
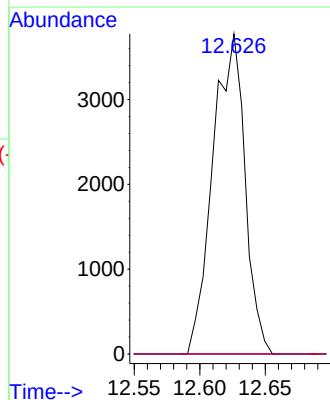
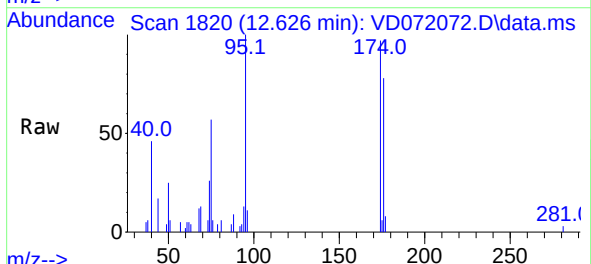
Instrument :
MSVOA_D
ClientSampleId :
HR-02-022222

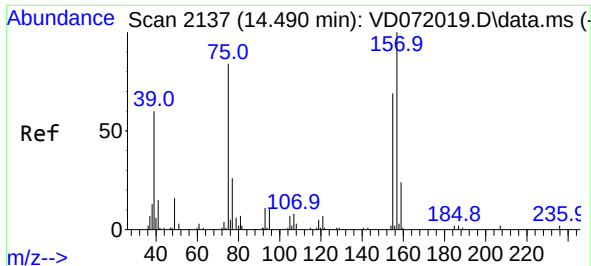
Tgt Ion: 75 Resp: 6415
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 128.123 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.112 min
Lab File: VD072072.D
Acq: 23 Feb 2022 13:13

Tgt Ion: 75 Resp: 6415
Ion Ratio Lower Upper
75 100
53 0.0 80.2 120.4#
89 0.0 36.4 54.6#





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.251 ug/l

RT: 14.491 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD072072.D

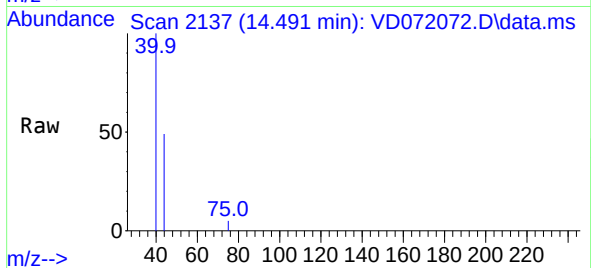
Acq: 23 Feb 2022 13:13

Instrument :

MSVOA_D

ClientSampleId :

HR-02-022222



Tgt Ion: 75 Resp: 63

Ion Ratio Lower Upper

75 100

155 0.0 40.5 121.5#

157 0.0 53.3 159.9#

