

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091421\
 Data File : VD070356.D
 Acq On : 14 Sep 2021 16:36
 Operator : VA/SY
 Sample : M3725-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-01-091321

Quant Time: Sep 15 02:46:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

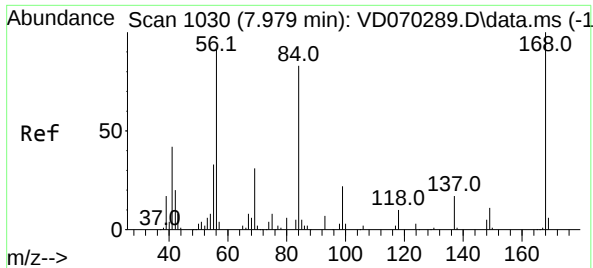
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	298398	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	577725	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	732246	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	382680	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	179959	46.968	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.940%
35) Dibromofluoromethane	7.909	113	200129	48.666	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.340%
50) Toluene-d8	10.338	98	796609	53.353	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.700%
62) 4-Bromofluorobenzene	12.626	95	354160	67.871	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	135.740%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	374	Below Cal	#	43
3) Chloromethane	2.203	50	835	Below Cal	#	42
5) Bromomethane	2.774	94	1328	Below Cal	#	79
6) Chloroethane	2.915	64	78	Below Cal	#	43
10) Methyl Iodide	4.285	142	206	1.084	ug/l #	39
11) Tert butyl alcohol	5.173	59	1019	2.352	ug/l #	100
16) Acetone	4.162	43	4940	7.222	ug/l	98
18) Methyl Acetate	4.721	43	62	Below Cal	#	48
20) Methylene Chloride	4.962	84	27615	Below Cal	#	88
31) Cyclohexane	7.979	56	7383	1.119	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	26452	4.284	ug/l #	48
38) Carbon Tetrachloride	7.979	117	33450	5.477	ug/l #	16
76) 1,2,3-Trichloropropane	12.626	75	176706	45.650	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	176706	114.381	ug/l #	18

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

Quant Time: Sep 15 02:46:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 09 03:07:09 2021
Response via : Initial Calibration

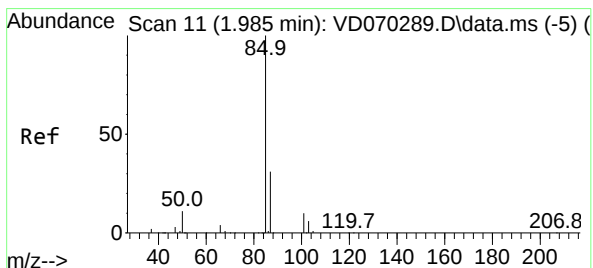
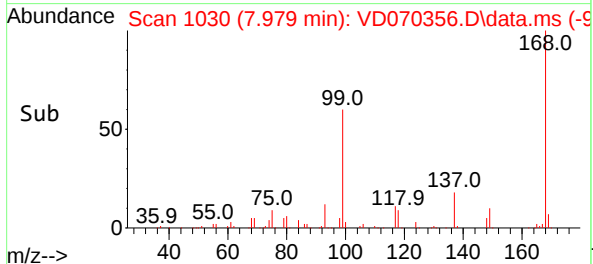
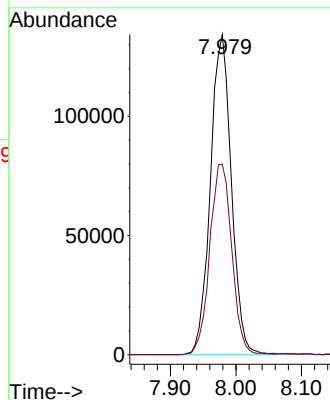
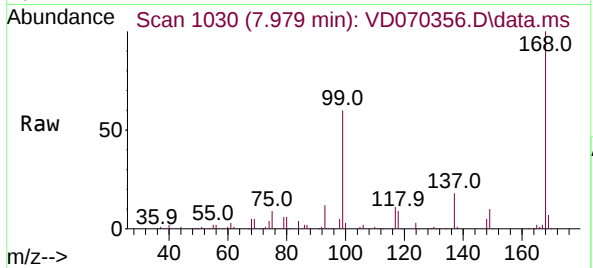




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070356.D
Acq: 14 Sep 2021 16:36

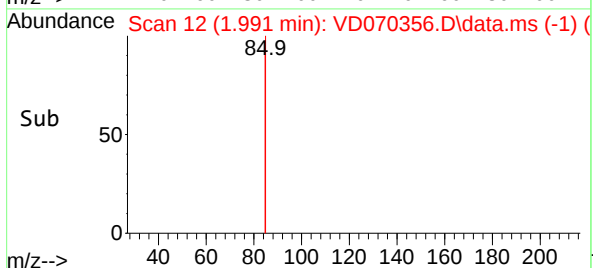
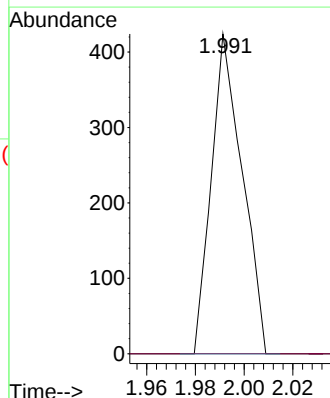
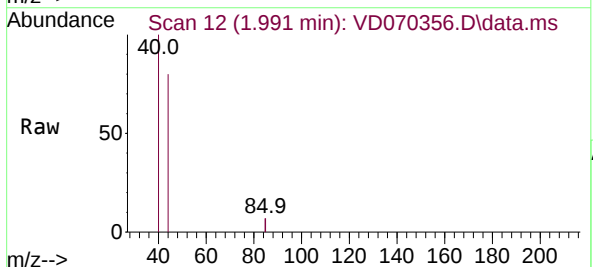
Instrument :
MSVOA_D
ClientSampleId :
HR-01-091321

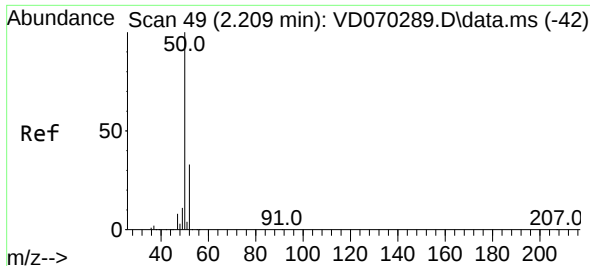
Tgt Ion:168 Resp: 298398
Ion Ratio Lower Upper
168 100
99 59.5 50.8 76.2



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. 0.006 min
Lab File: VD070356.D
Acq: 14 Sep 2021 16:36

Tgt Ion: 85 Resp: 374
Ion Ratio Lower Upper
85 100
87 0.0 15.6 46.8#

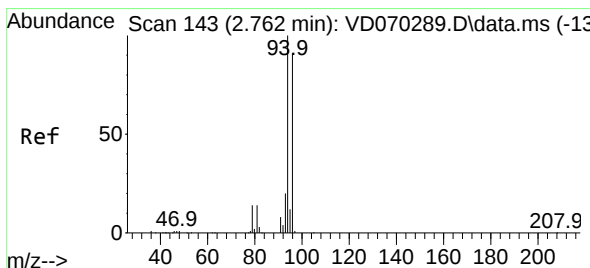
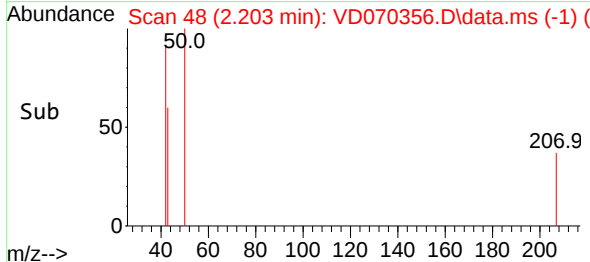
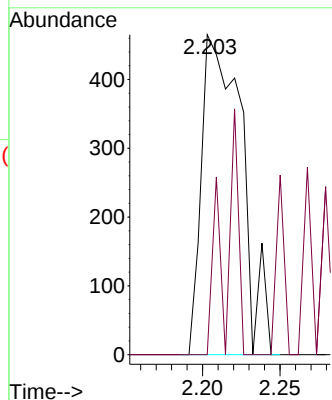
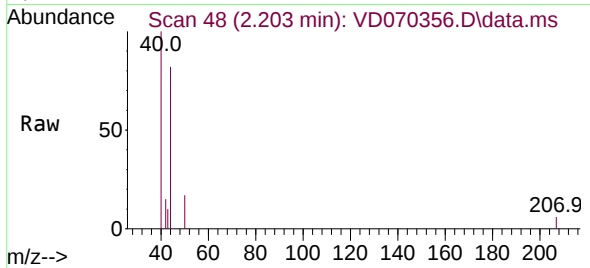




#3
Chloromethane
Concen: Below Cal
RT: 2.203 min Scan# 48
Delta R.T. -0.006 min
Lab File: VD070356.D
Acq: 14 Sep 2021 16:36

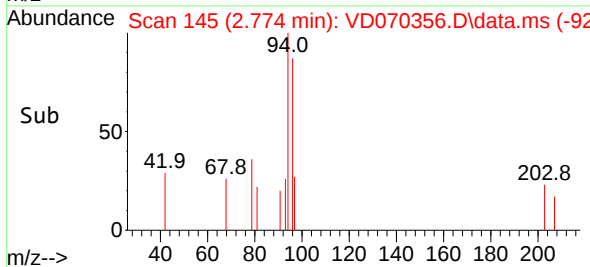
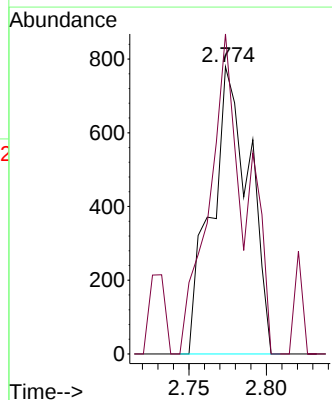
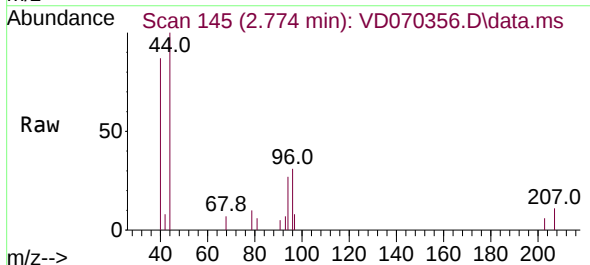
Instrument :
MSVOA_D
ClientSampled :
HR-01-091321

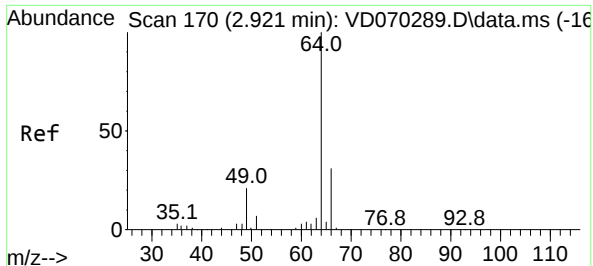
Tgt Ion: 50 Resp: 835
Ion Ratio Lower Upper
50 100
52 0.0 26.2 39.2#



#5
Bromomethane
Concen: Below Cal
RT: 2.774 min Scan# 145
Delta R.T. 0.012 min
Lab File: VD070356.D
Acq: 14 Sep 2021 16:36

Tgt Ion: 94 Resp: 1328
Ion Ratio Lower Upper
94 100
96 111.4 73.0 109.6#

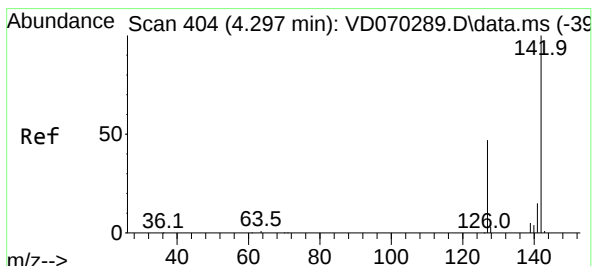
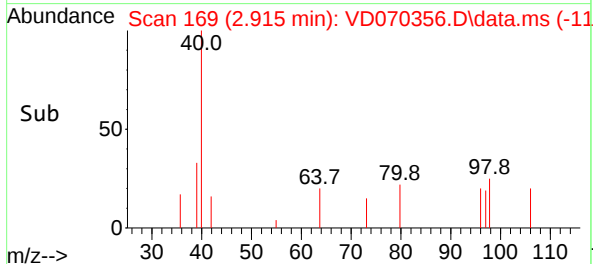
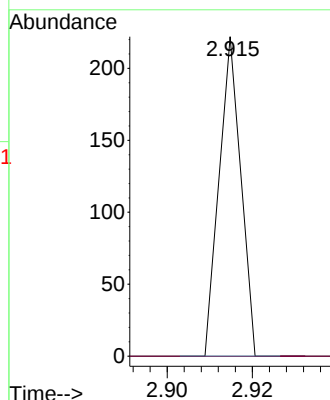
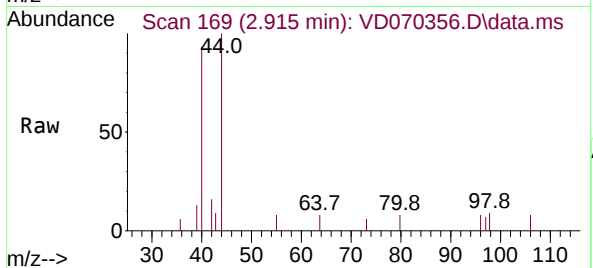




#6
Chloroethane
Concen: Below Cal
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD070356.D
Acq: 14 Sep 2021 16:36

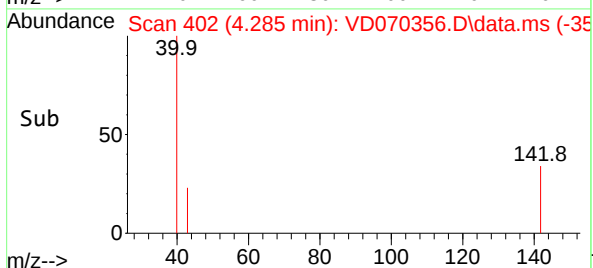
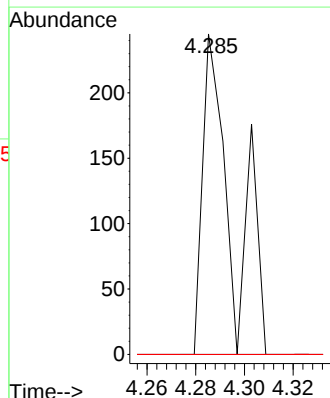
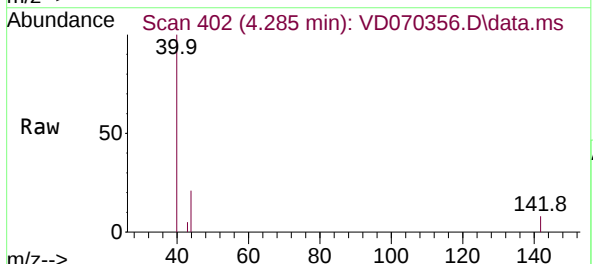
Instrument :
MSVOA_D
ClientSampleId :
HR-01-091321

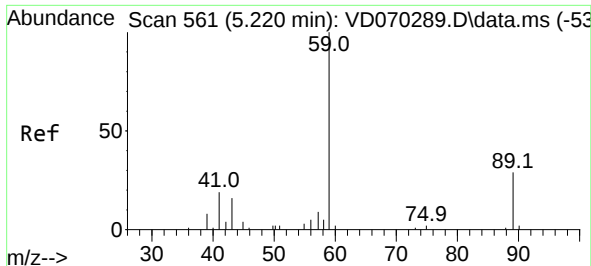
Tgt Ion: 64 Resp: 78
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#10
Methyl Iodide
Concen: 1.084 ug/l
RT: 4.285 min Scan# 402
Delta R.T. -0.012 min
Lab File: VD070356.D
Acq: 14 Sep 2021 16:36

Tgt Ion: 142 Resp: 206
Ion Ratio Lower Upper
142 100
127 0.0 36.9 55.3#
141 0.0 11.8 17.6#

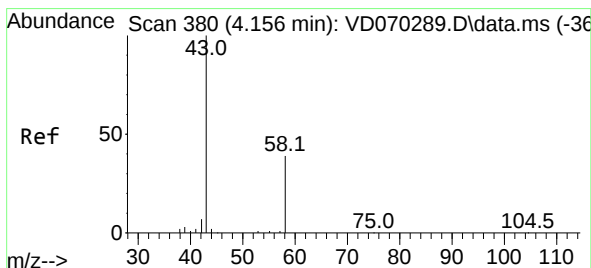
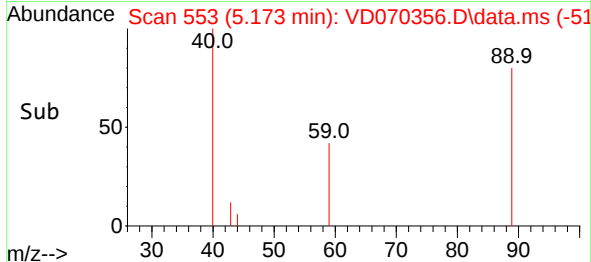
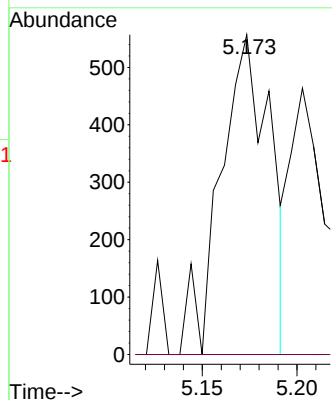
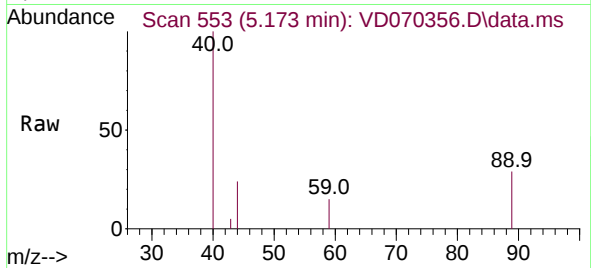




#11
Tert butyl alcohol
Concen: 2.352 ug/l
RT: 5.173 min Scan# 553
Delta R.T. -0.047 min
Lab File: VD070356.D
Acq: 14 Sep 2021 16:36

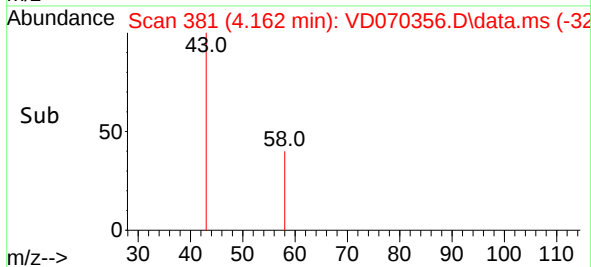
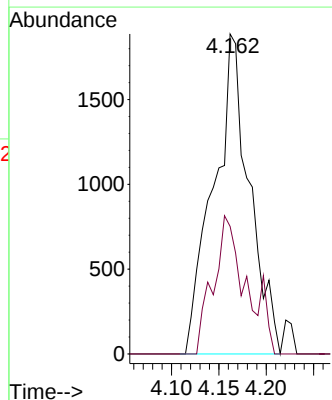
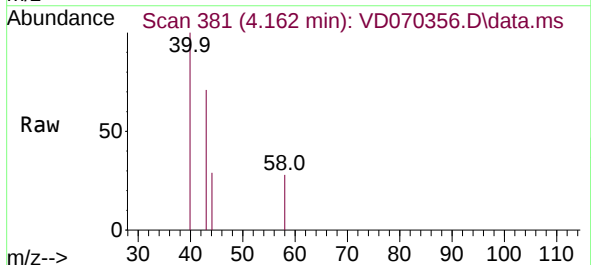
Instrument :
MSVOA_D
ClientSampleId :
HR-01-091321

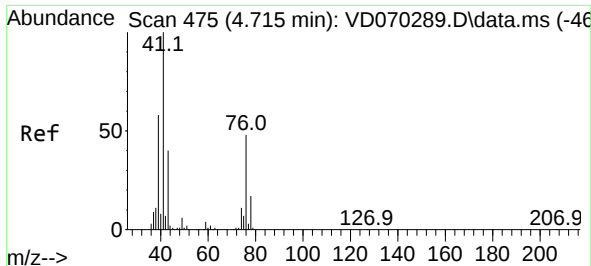
Tgt Ion: 59 Resp: 1019
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0



#16
Acetone
Concen: 7.222 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070356.D
Acq: 14 Sep 2021 16:36

Tgt Ion: 43 Resp: 4940
Ion Ratio Lower Upper
43 100
58 39.9 30.9 46.3

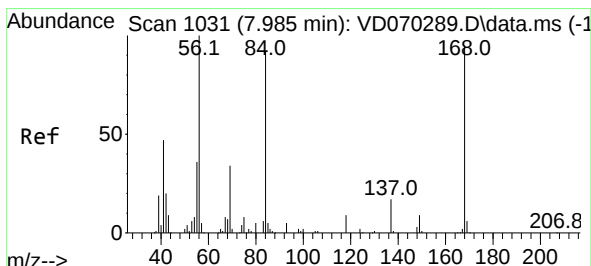
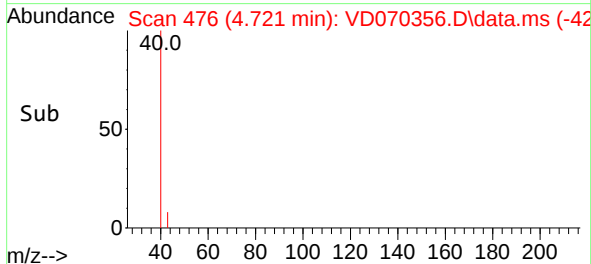
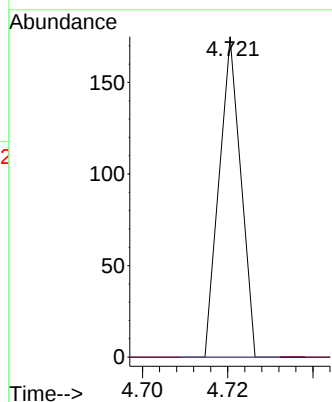
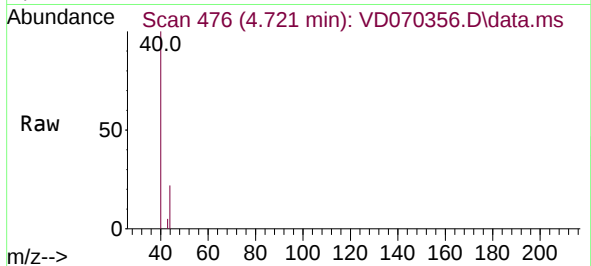




#18
Methyl Acetate
Concen: Below Cal
RT: 4.721 min Scan# 476
Delta R.T. 0.006 min
Lab File: VD070356.D
Acq: 14 Sep 2021 16:36

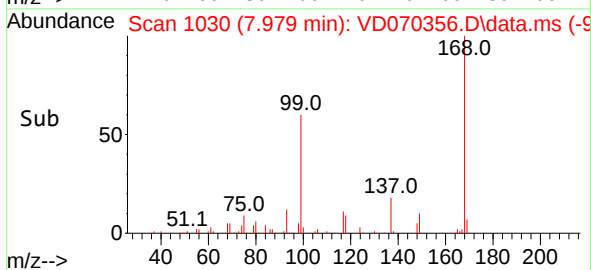
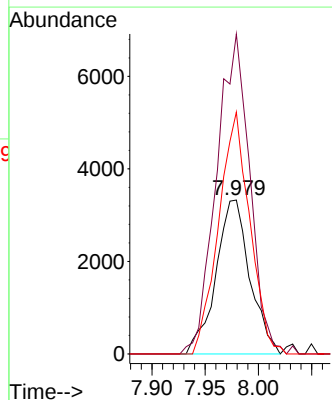
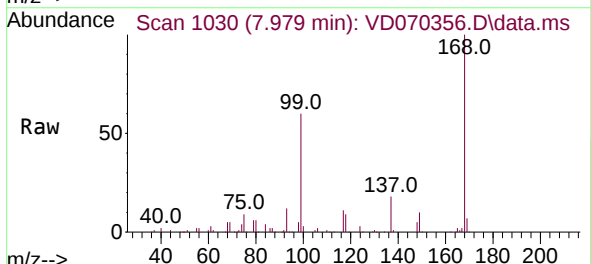
Instrument :
MSVOA_D
ClientSampleId :
HR-01-091321

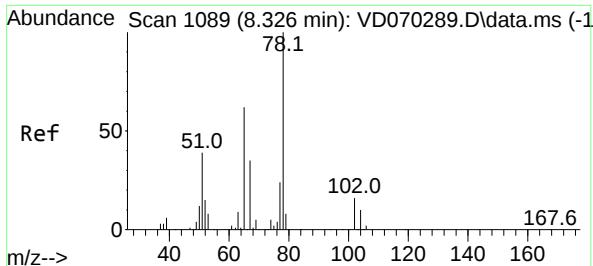
Tgt Ion: 43 Resp: 62
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#



#31
Cyclohexane
Concen: 1.119 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070356.D
Acq: 14 Sep 2021 16:36

Tgt Ion: 56 Resp: 7383
Ion Ratio Lower Upper
56 100
69 208.0 26.9 40.3#
84 157.2 73.6 110.4#

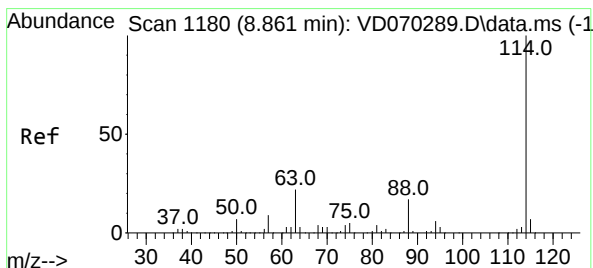
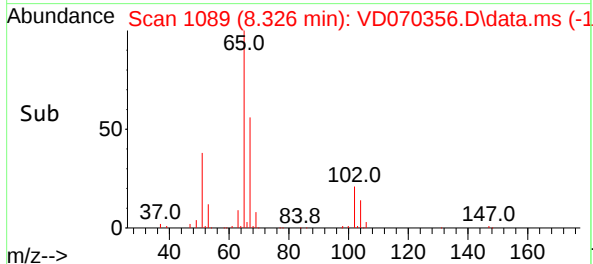
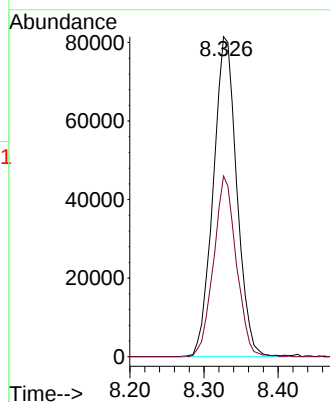
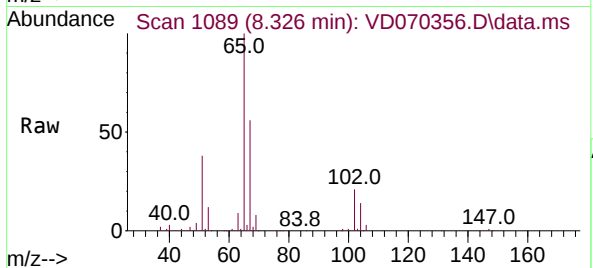




#33
1,2-Dichloroethane-d4
Concen: 46.968 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070356.D
Acq: 14 Sep 2021 16:36

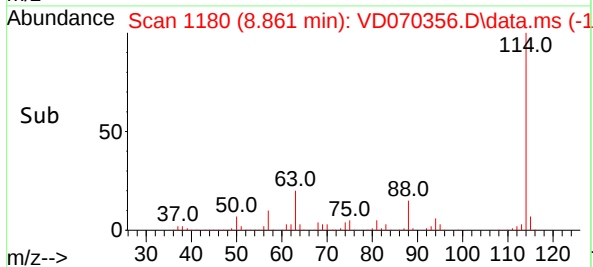
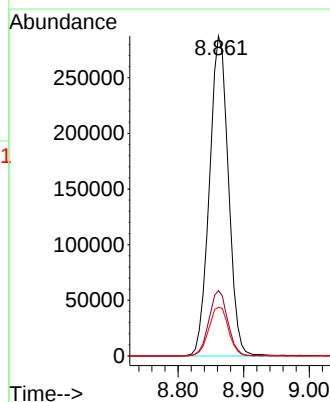
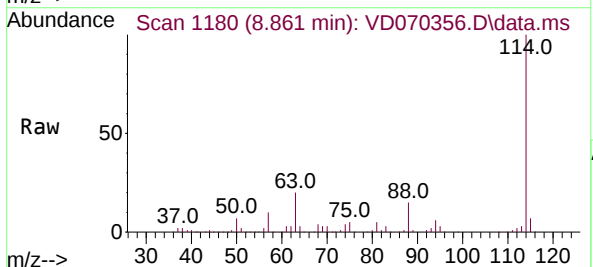
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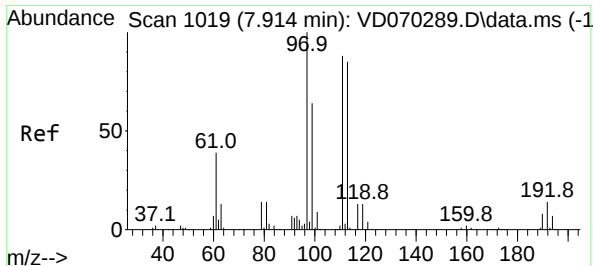
Tgt Ion: 65 Resp: 179959
Ion Ratio Lower Upper
65 100
67 54.4 0.0 111.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070356.D
Acq: 14 Sep 2021 16:36

Tgt Ion: 114 Resp: 577725
Ion Ratio Lower Upper
114 100
63 20.4 0.0 43.4
88 15.2 0.0 33.4





#35

Dibromofluoromethane

Concen: 48.666 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD070356.D

Acq: 14 Sep 2021 16:36

Instrument :

MSVOA_D

ClientSampleId :

HR-01-091321

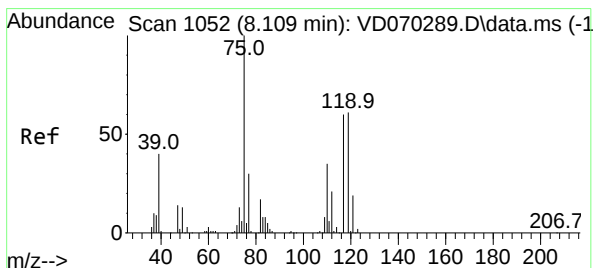
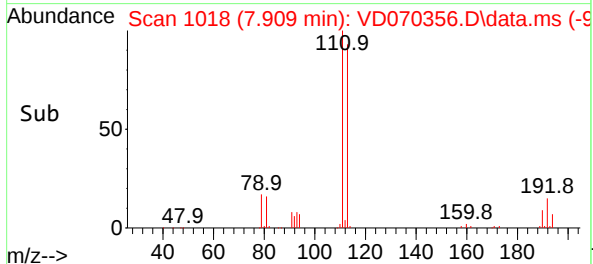
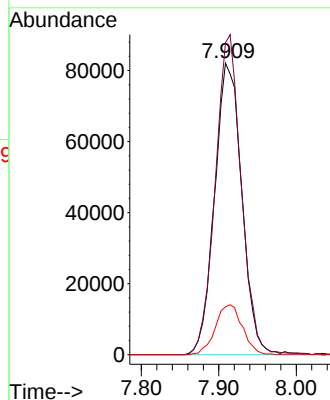
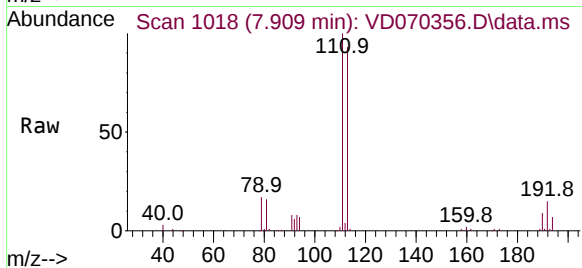
Tgt Ion:113 Resp: 200129

Ion Ratio Lower Upper

113 100

111 104.9 81.4 122.2

192 17.0 13.0 19.6



#36

1,1-Dichloropropene

Concen: 4.284 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.129 min

Lab File: VD070356.D

Acq: 14 Sep 2021 16:36

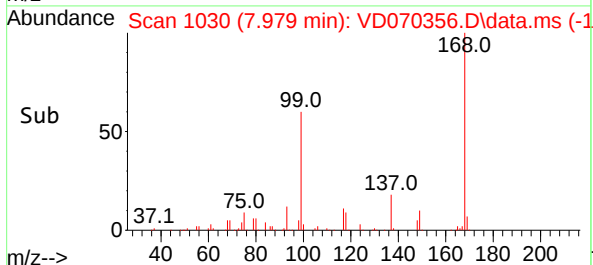
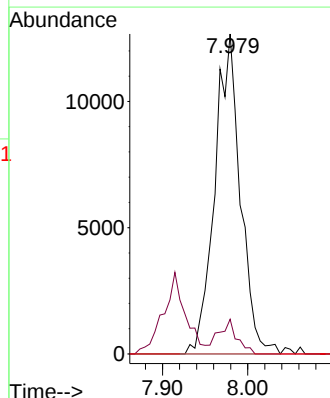
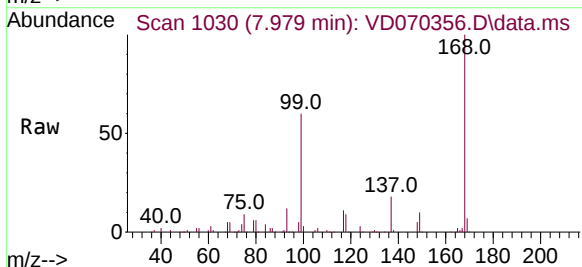
Tgt Ion: 75 Resp: 26452

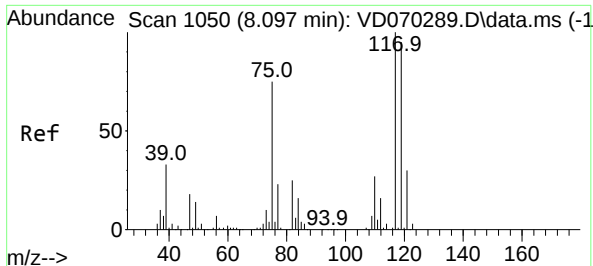
Ion Ratio Lower Upper

75 100

110 8.0 17.9 53.7#

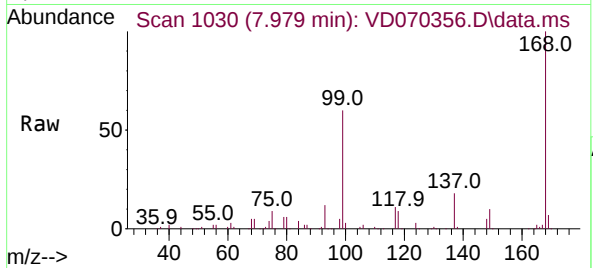
77 0.0 25.3 37.9#



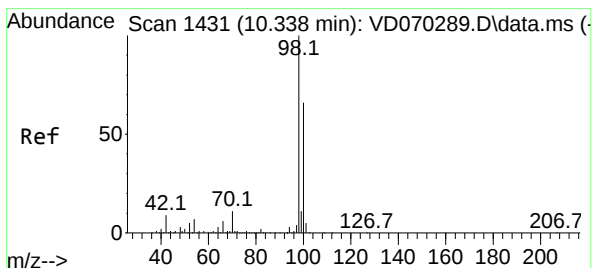
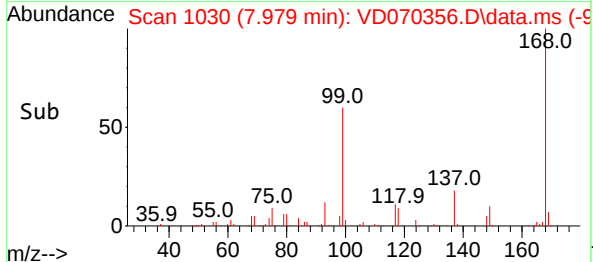
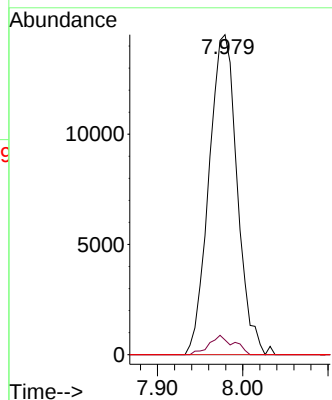


#38
Carbon Tetrachloride
Concen: 5.477 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD070356.D
Acq: 14 Sep 2021 16:36

Instrument :
MSVOA_D
ClientSampleId :
HR-01-091321

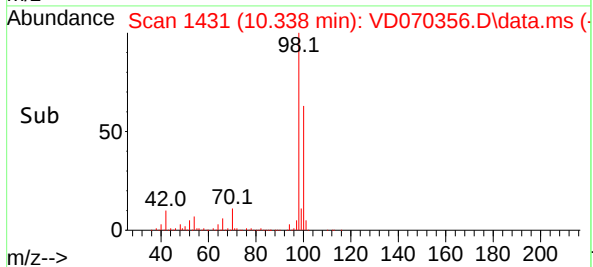
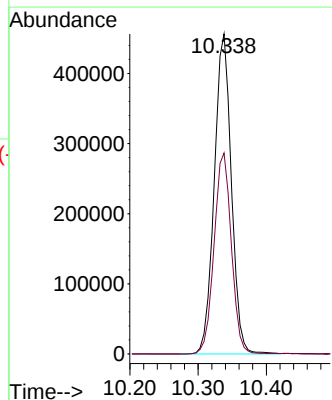
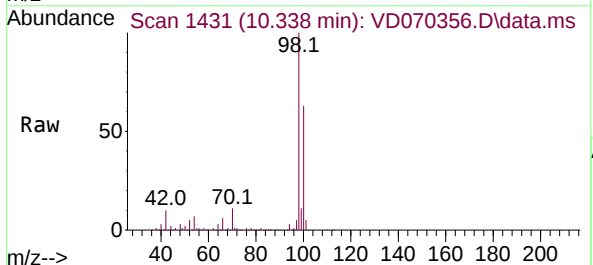


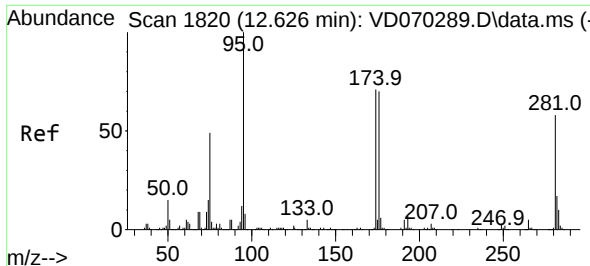
Tgt Ion:117 Resp: 33450
Ion Ratio Lower Upper
117 100
119 4.6 76.1 114.1#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 53.353 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD070356.D
Acq: 14 Sep 2021 16:36

Tgt Ion: 98 Resp: 796609
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0

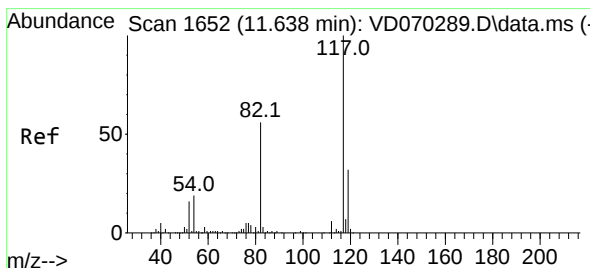
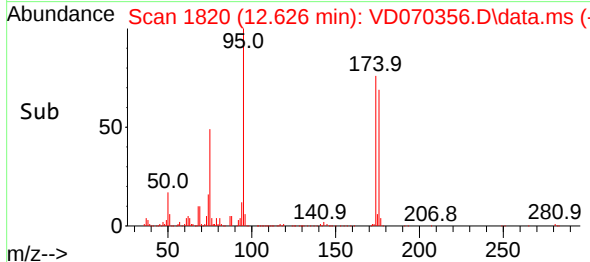
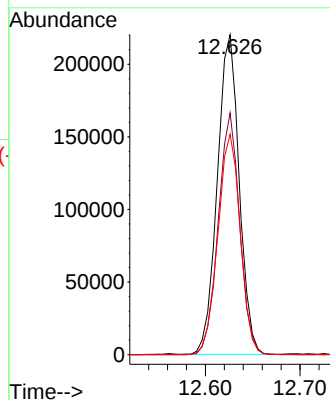
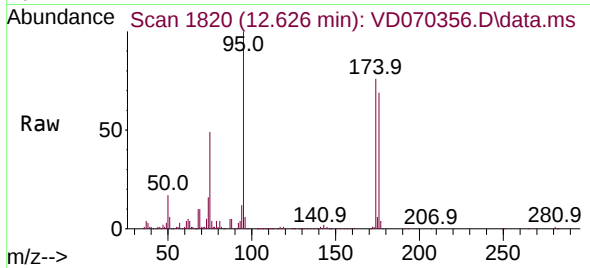




#62
4-Bromofluorobenzene
Concen: 67.871 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070356.D
Acq: 14 Sep 2021 16:36

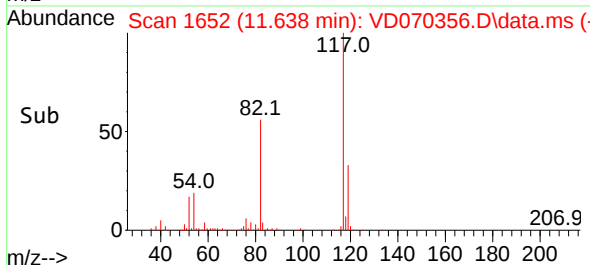
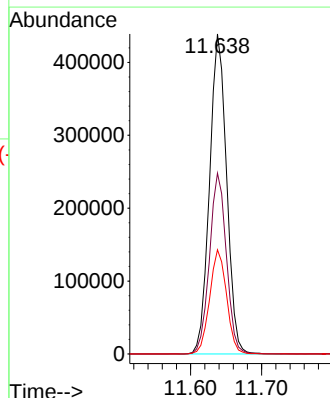
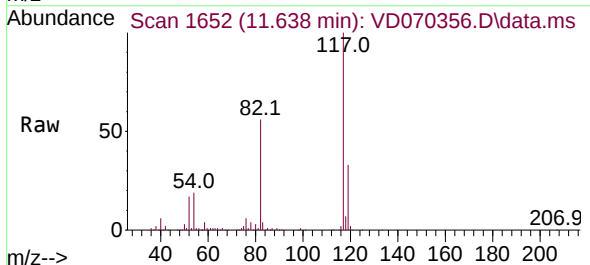
Instrument :
MSVOA_D
ClientSampleId :
HR-01-091321

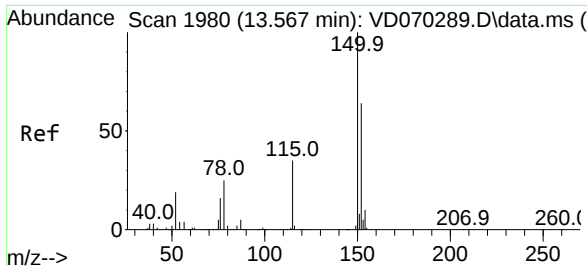
Tgt Ion: 95 Resp: 354160
Ion Ratio Lower Upper
95 100
174 73.9 0.0 140.6
176 70.4 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070356.D
Acq: 14 Sep 2021 16:36

Tgt Ion: 117 Resp: 732246
Ion Ratio Lower Upper
117 100
82 56.5 45.0 67.4
119 32.5 25.2 37.8

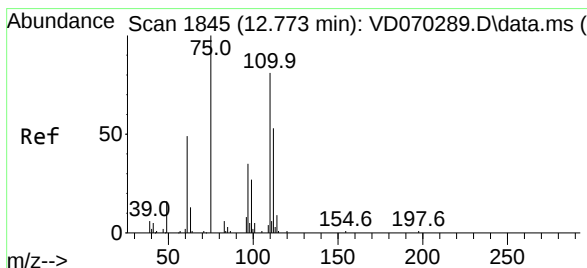
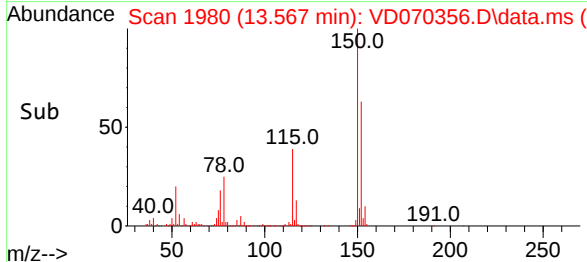
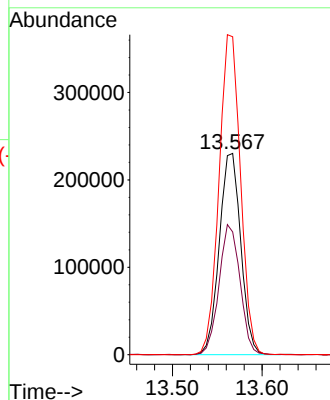
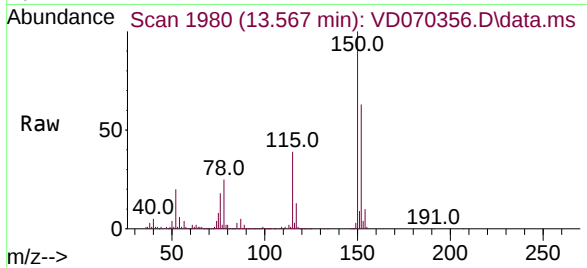




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. 0.000 min
 Lab File: VD070356.D
 Acq: 14 Sep 2021 16:36

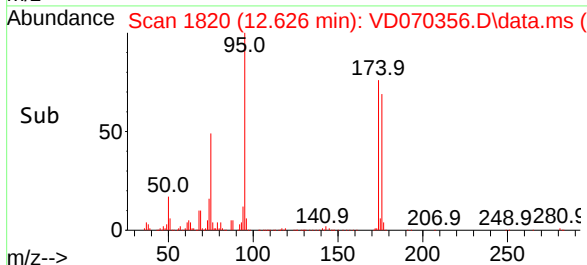
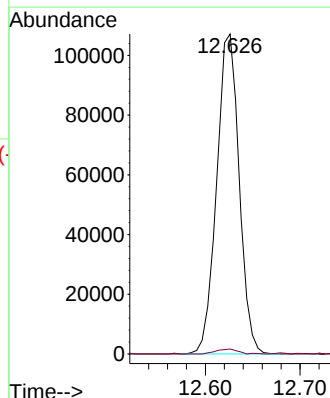
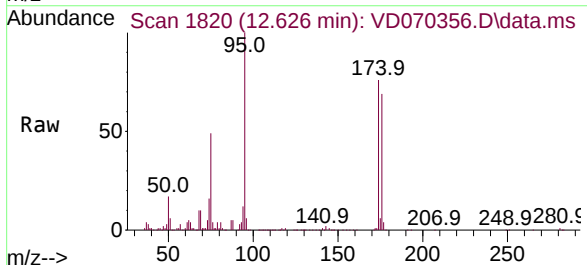
Instrument :
 MSVOA_D
 ClientSampleId :
 HR-01-091321

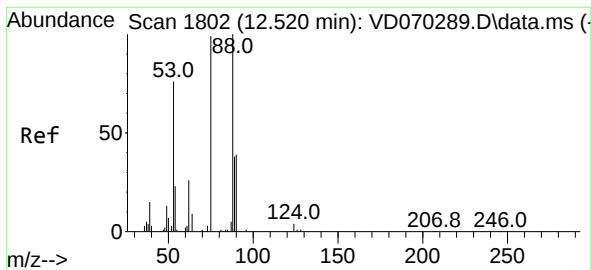
Tgt Ion:152 Resp: 382680
 Ion Ratio Lower Upper
 152 100
 115 63.3 32.1 96.3
 150 159.0 0.0 350.6



#76
 1,2,3-Trichloropropane
 Concen: 45.650 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD070356.D
 Acq: 14 Sep 2021 16:36

Tgt Ion: 75 Resp: 176706
 Ion Ratio Lower Upper
 75 100
 77 1.5 174.9 524.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 114.381 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.106 min
 Lab File: VD070356.D
 Acq: 14 Sep 2021 16:36

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-01-091321

Tgt Ion: 75 Resp: 176706
 Ion Ratio Lower Upper
 75 100
 53 0.5 64.2 96.2#
 89 0.0 35.6 53.4#

