

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080321\
 Data File : VD069956.D
 Acq On : 03 Aug 2021 10:25
 Operator : VA/SY
 Sample : VD0803SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 04 01:30:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

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

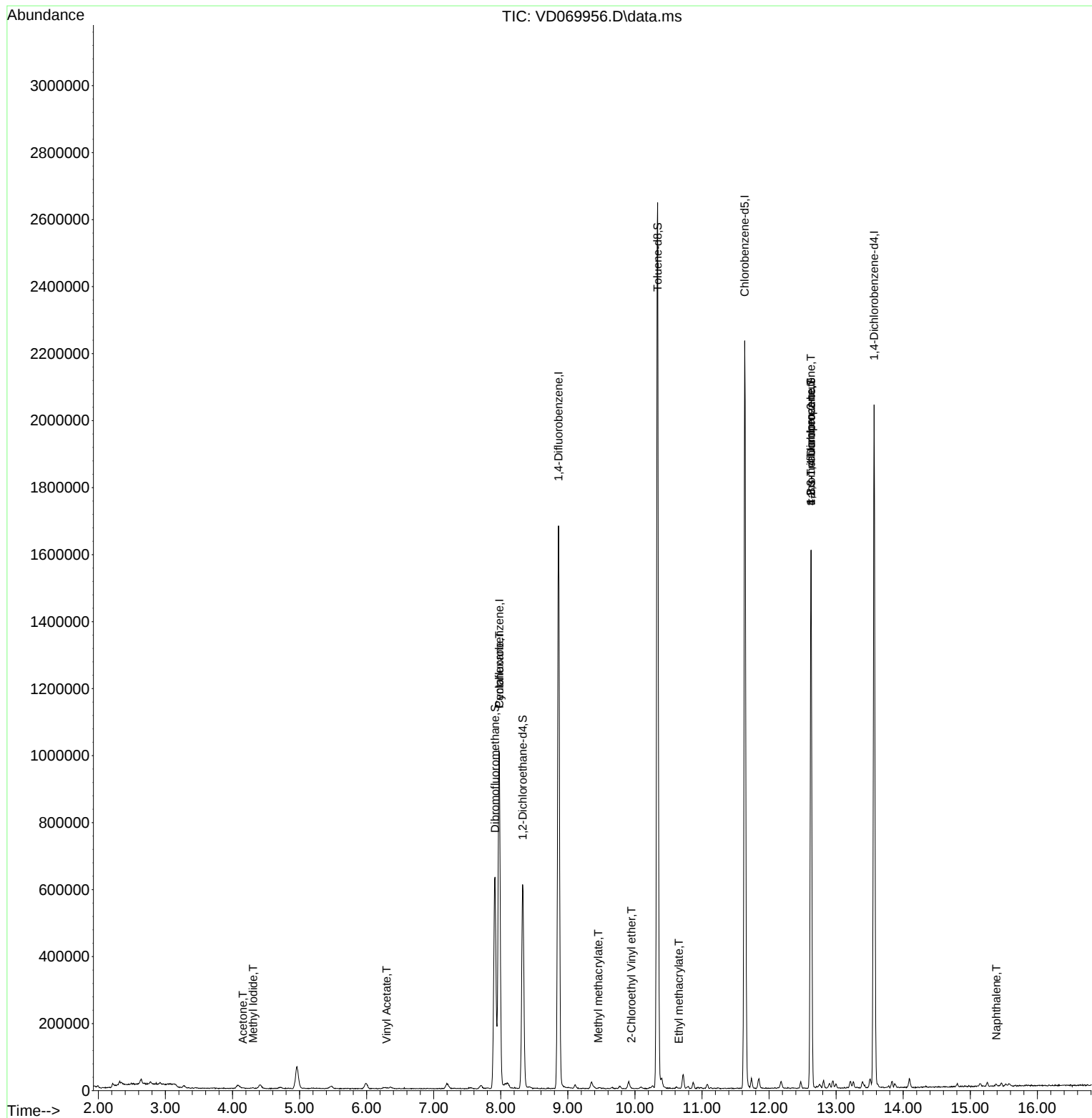
Internal Standards						
1) Pentafluorobenzene	7.979	168	707520	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1421676	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1296248	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	525955	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	480909	59.101	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.200%			
35) Dibromofluoromethane	7.914	113	466572	52.060	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.120%			
50) Toluene-d8	10.338	98	1820175	52.670	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.340%			
62) 4-Bromofluorobenzene	12.626	95	552332	47.824	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 95.640%			
Target Compounds						Qvalue
5) Bromomethane	2.779	94	6305	Below Cal		93
10) Methyl Iodide	4.309	142	3899	3.875 ug/l		93
16) Acetone	4.156	43	4174	2.840 ug/l #		67
20) Methylene Chloride	4.967	84	51612	Below Cal		98
23) Vinyl Acetate	6.297	43	2966	20.541 ug/l #		71
31) Cyclohexane	7.979	56	23346	1.468 ug/l #		18
48) Methyl methacrylate	9.455	41	359	2.810 ug/l #		82
56) Ethyl methacrylate	10.655	69	1012	3.989 ug/l #		74
58) 2-Chloroethyl Vinyl ether	9.950	63	1354	21.152 ug/l #		82
76) 1,2,3-Trichloropropane	12.626	75	268338	47.999 ug/l #		1
81) trans-1,4-Dichloro-2-b...	12.626	75	268338	145.616 ug/l #		16
95) Naphthalene	15.390	128	6330	5.330 ug/l #		92

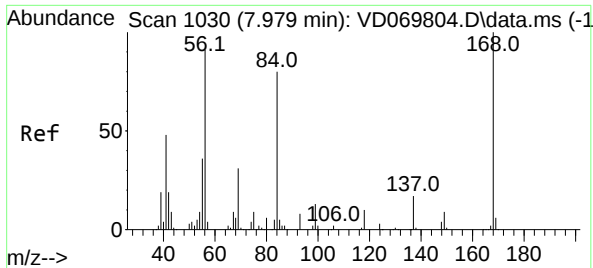
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080321\
Data File : VD069956.D
Acq On : 03 Aug 2021 10:25
Operator : VA/SY
Sample : VD0803SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Aug 04 01:30:30 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 23 04:51:13 2021
Response via : Initial Calibration

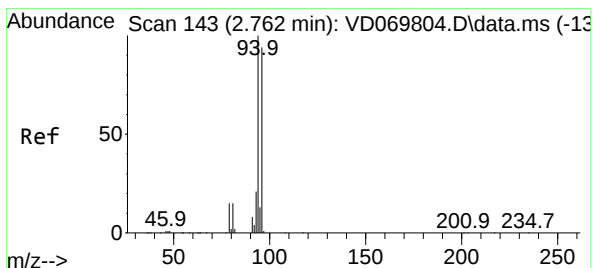
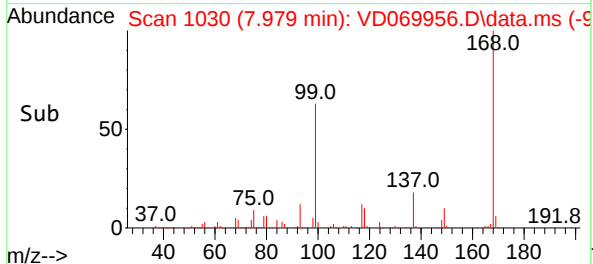
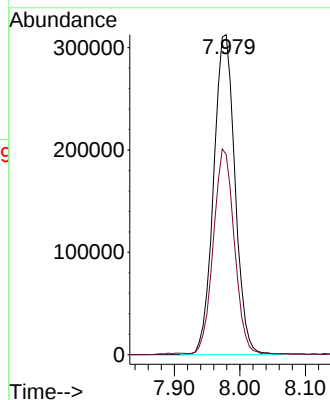
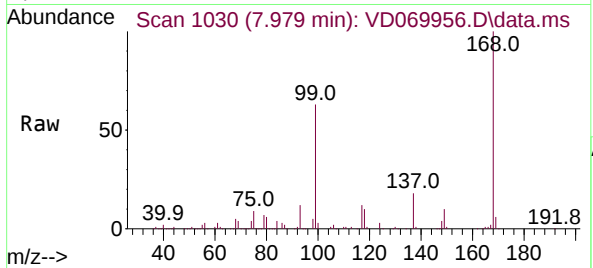




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069956.D
Acq: 03 Aug 2021 10:25

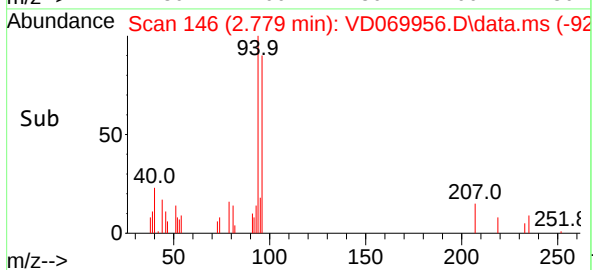
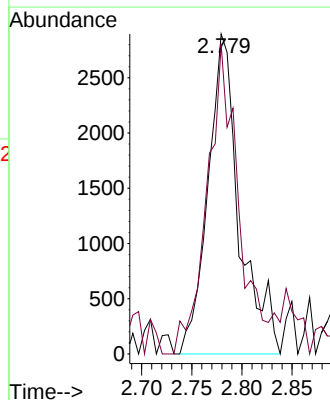
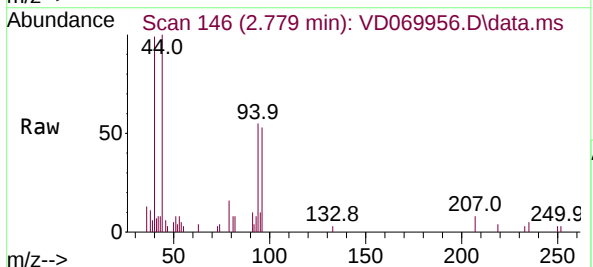
Instrument :
MSVOA_D
ClientSampled :

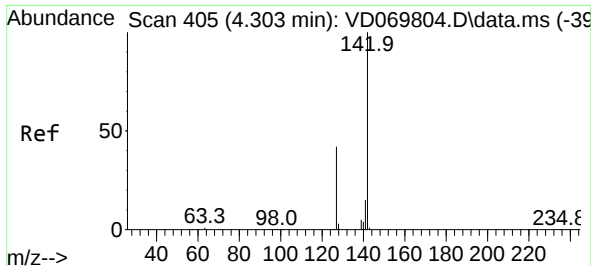
Tgt Ion:168 Resp: 707520
Ion Ratio Lower Upper
168 100
99 62.4 51.1 76.7



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD069956.D
Acq: 03 Aug 2021 10:25

Tgt Ion: 94 Resp: 6305
Ion Ratio Lower Upper
94 100
96 86.9 74.8 112.2

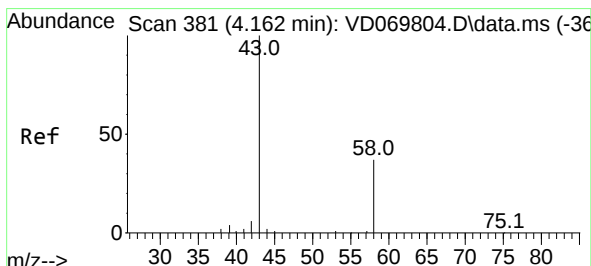
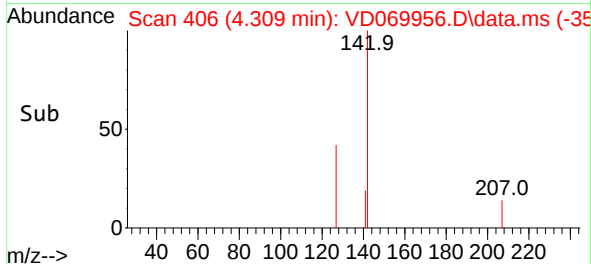
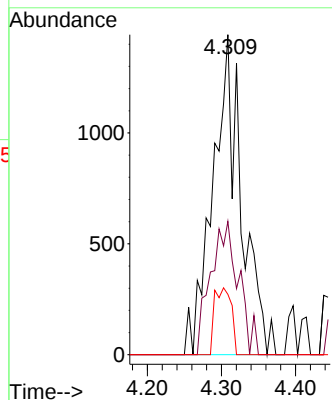
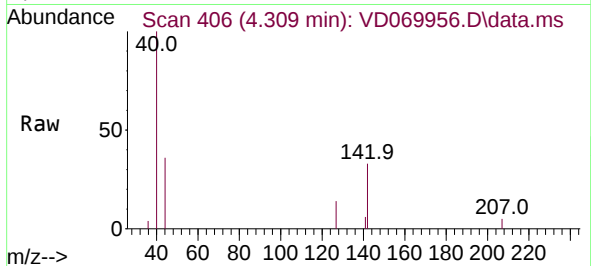




#10
Methyl Iodide
Concen: 3.875 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD069956.D
Acq: 03 Aug 2021 10:25

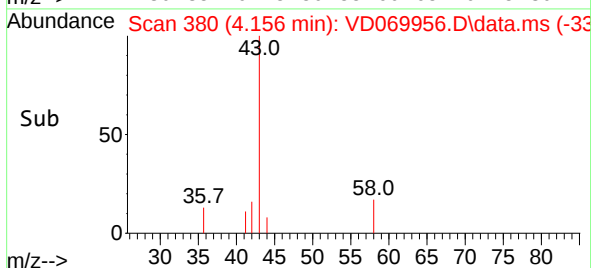
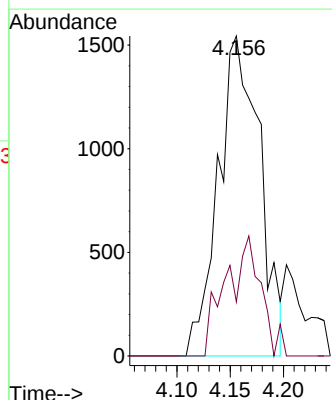
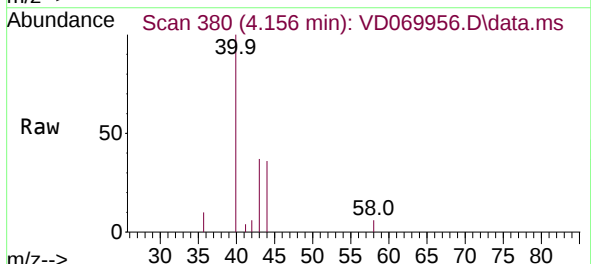
Instrument :
MSVOA_D
ClientSampled :

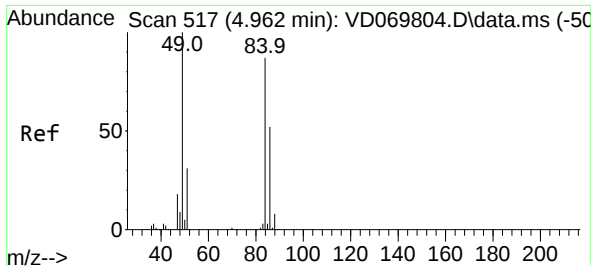
Tgt Ion:142 Resp: 3899
Ion Ratio Lower Upper
142 100
127 40.2 35.7 53.5
141 12.2 12.0 18.0



#16
Acetone
Concen: 2.840 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD069956.D
Acq: 03 Aug 2021 10:25

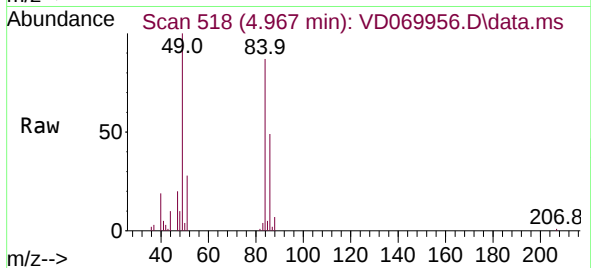
Tgt Ion: 43 Resp: 4174
Ion Ratio Lower Upper
43 100
58 16.9 29.4 44.0#



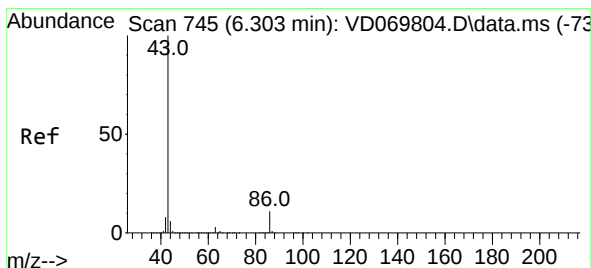
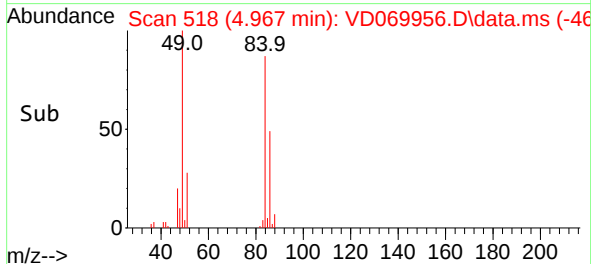
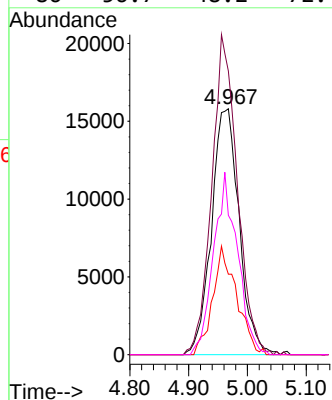


#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD069956.D
Acq: 03 Aug 2021 10:25

Instrument :
MSVOA_D
ClientSampleId :

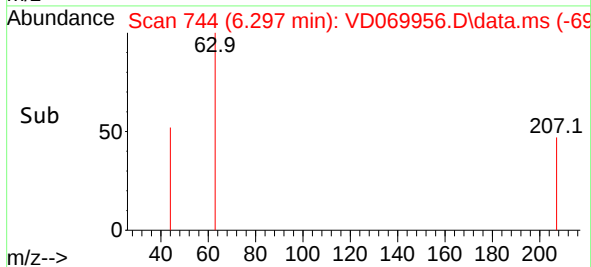
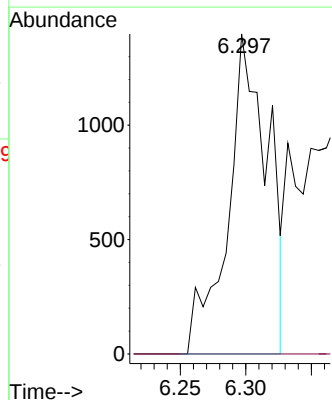
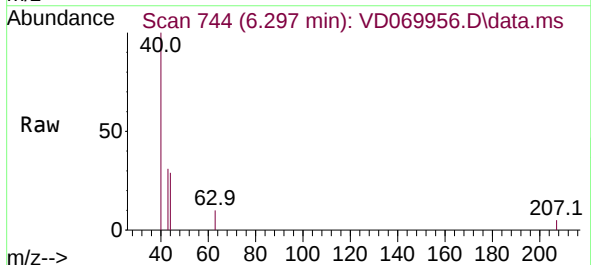


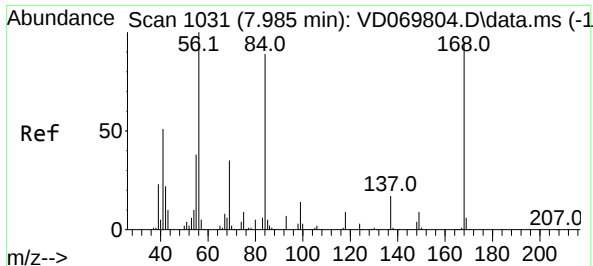
Tgt Ion:	84	Resp:	51612
Ion	Ratio	Lower	Upper
84	100		
49	115.4	92.4	138.6
51	32.8	28.5	42.7
86	56.7	48.2	72.4



#23
Vinyl Acetate
Concen: 20.541 ug/l
RT: 6.297 min Scan# 744
Delta R.T. -0.006 min
Lab File: VD069956.D
Acq: 03 Aug 2021 10:25

Tgt Ion:	43	Resp:	2966
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.6	13.0#

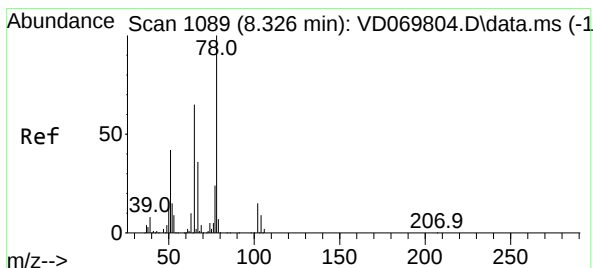
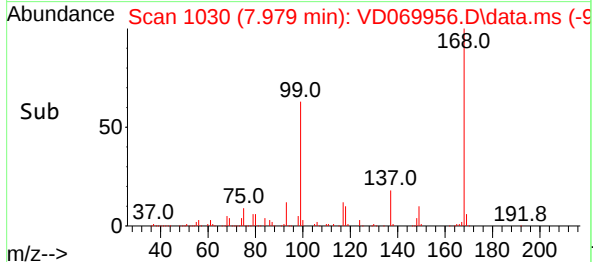
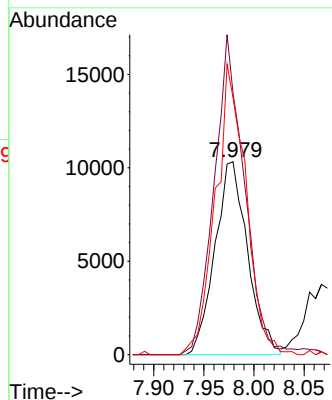
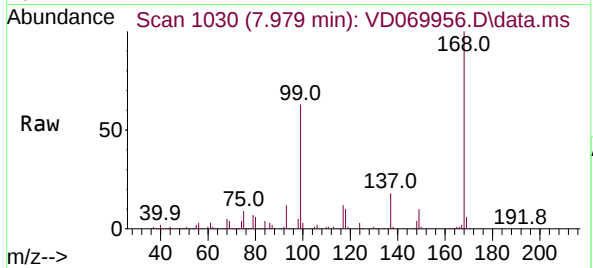




#31
Cyclohexane
Concen: 1.468 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069956.D
Acq: 03 Aug 2021 10:25

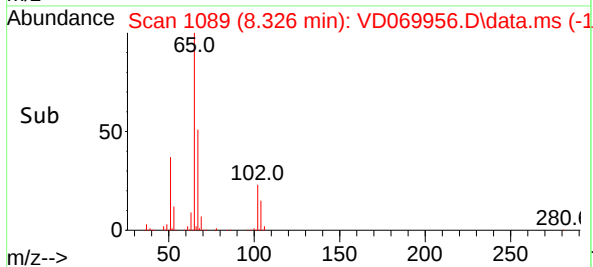
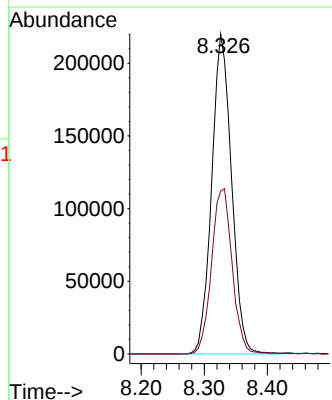
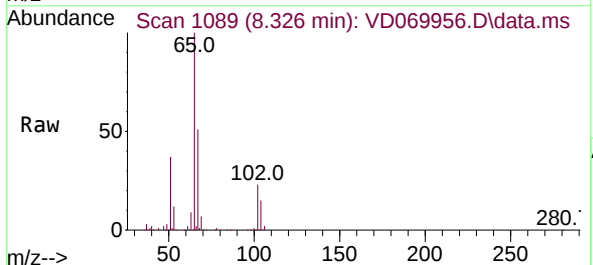
Instrument :
MSVOA_D
ClientSampleId :

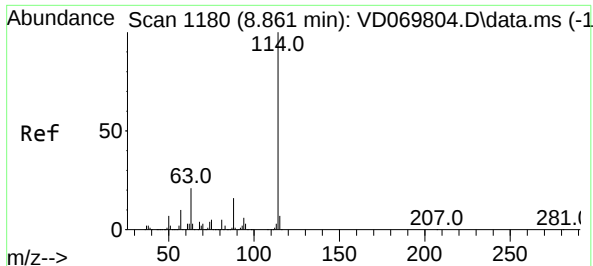
Tgt Ion: 56 Resp: 23346
Ion Ratio Lower Upper
56 100
69 135.7 27.9 41.9#
84 133.2 71.4 107.2#



#33
1,2-Dichloroethane-d4
Concen: 59.101 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD069956.D
Acq: 03 Aug 2021 10:25

Tgt Ion: 65 Resp: 480909
Ion Ratio Lower Upper
65 100
67 53.7 0.0 111.2



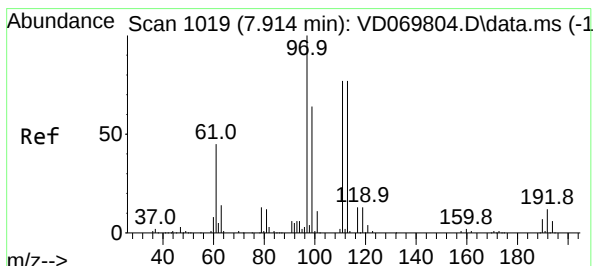
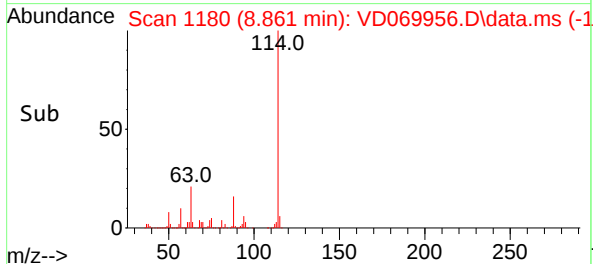
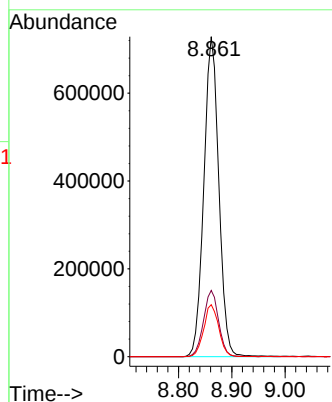
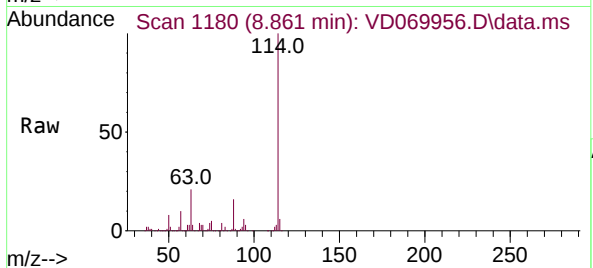


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069956.D
Acq: 03 Aug 2021 10:25

Instrument :
MSVOA_D
ClientSampled :

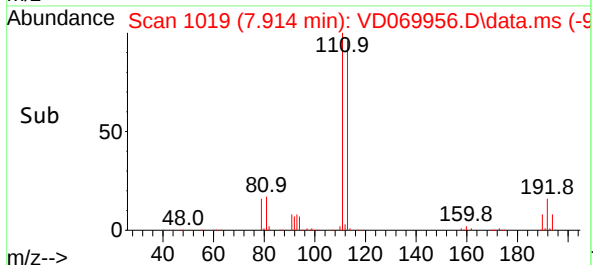
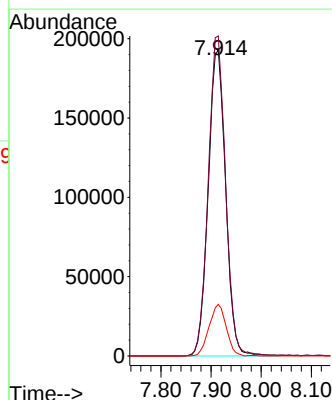
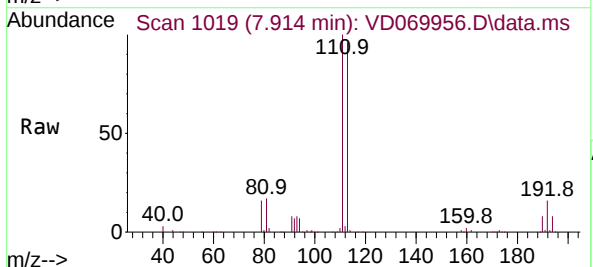
Tgt Ion:114 Resp: 1421676
Ion Ratio Lower Upper
114 100
63 20.7 0.0 41.6
88 16.3 0.0 31.4

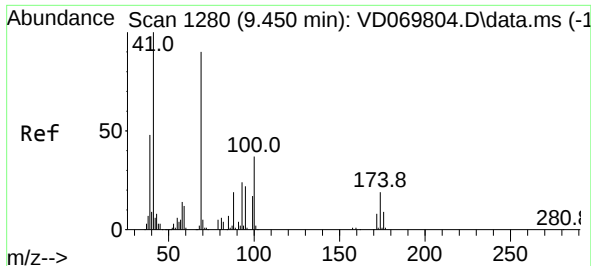


#35

Dibromofluoromethane
Concen: 52.060 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069956.D
Acq: 03 Aug 2021 10:25

Tgt Ion:113 Resp: 466572
Ion Ratio Lower Upper
113 100
111 103.7 80.5 120.7
192 16.6 12.6 19.0





#48

Methyl methacrylate

Concen: 2.810 ug/l

RT: 9.455 min Scan# 1281

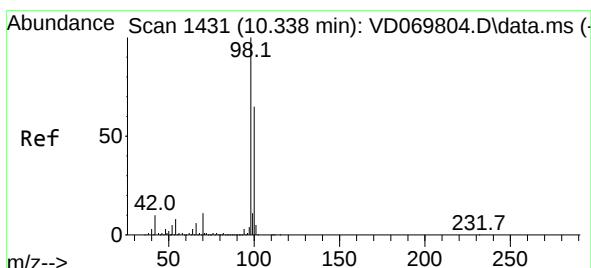
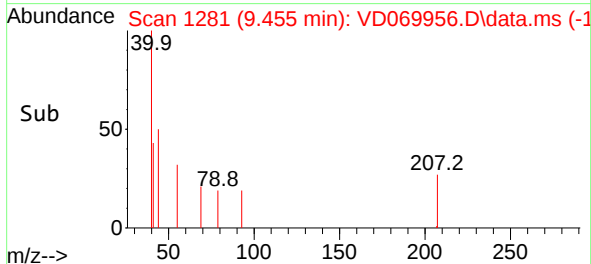
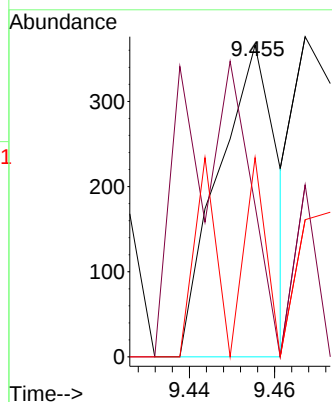
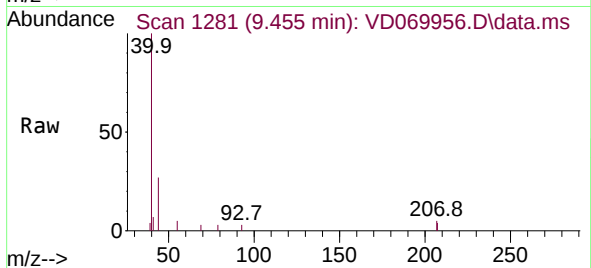
Delta R.T. 0.005 min

Lab File: VD069956.D

Acq: 03 Aug 2021 10:25

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 41 Resp: 359
Ion Ratio Lower Upper
41 100
69 100.6 73.4 110.2
39 23.1 36.6 55.0#



#50

Toluene-d8

Concen: 52.670 ug/l

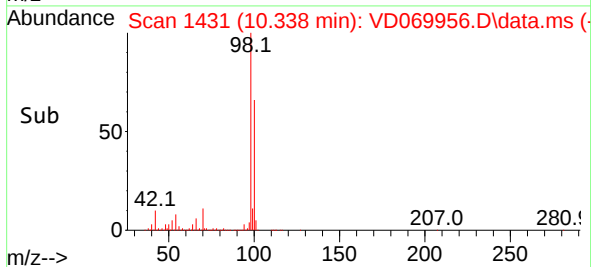
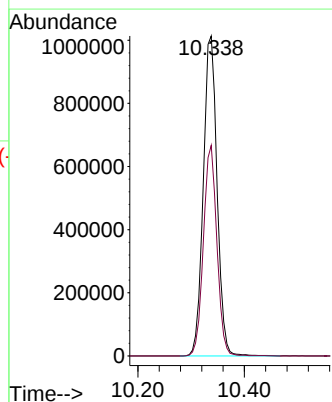
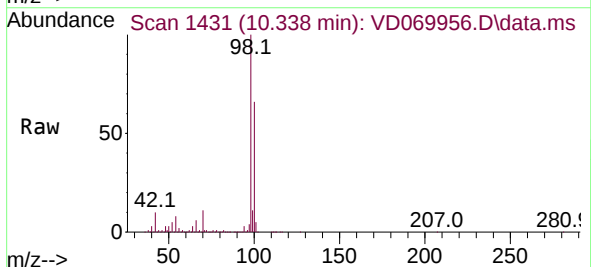
RT: 10.338 min Scan# 1431

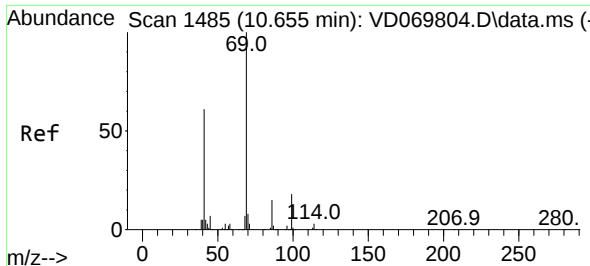
Delta R.T. -0.000 min

Lab File: VD069956.D

Acq: 03 Aug 2021 10:25

Tgt Ion: 98 Resp: 1820175
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9

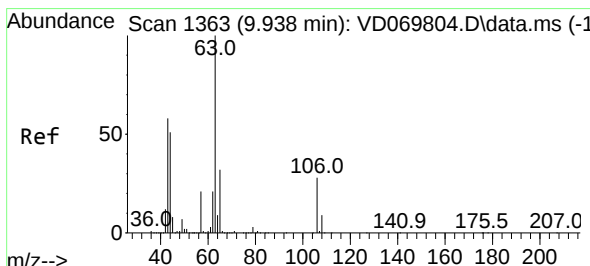
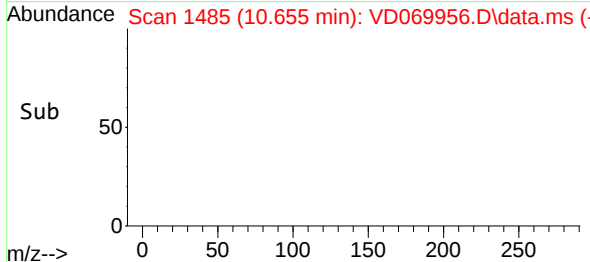
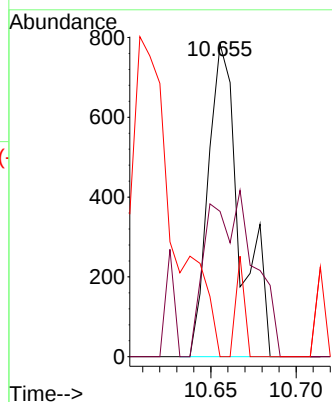
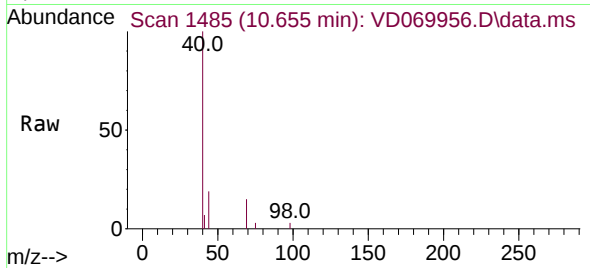




#56
Ethyl methacrylate
Concen: 3.989 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD069956.D
Acq: 03 Aug 2021 10:25

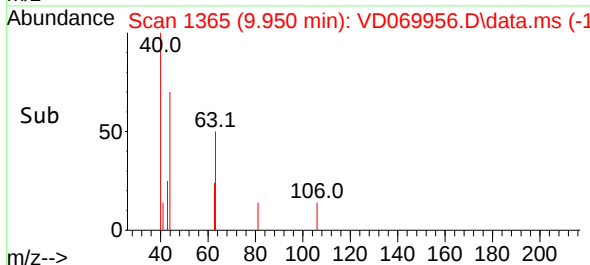
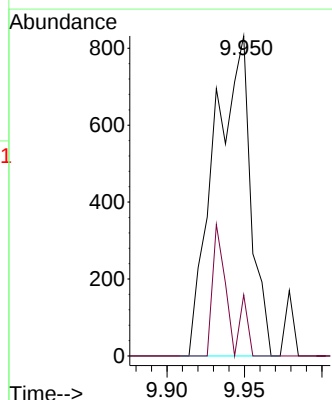
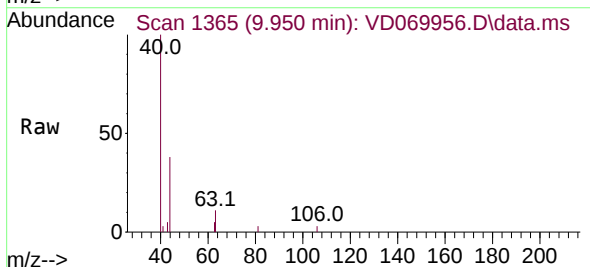
Instrument :
MSVOA_D
ClientSampled :

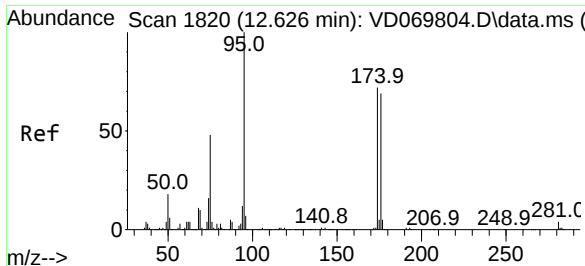
Tgt Ion: 69 Resp: 1012
Ion Ratio Lower Upper
69 100
41 79.0 50.2 75.2#
39 8.8 22.0 33.0#



#58
2-Chloroethyl Vinyl ether
Concen: 21.152 ug/l
RT: 9.950 min Scan# 1365
Delta R.T. 0.011 min
Lab File: VD069956.D
Acq: 03 Aug 2021 10:25

Tgt Ion: 63 Resp: 1354
Ion Ratio Lower Upper
63 100
106 18.0 21.8 32.6#

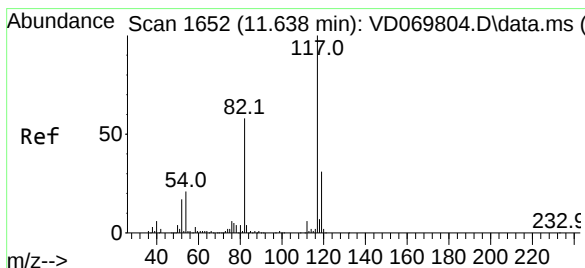
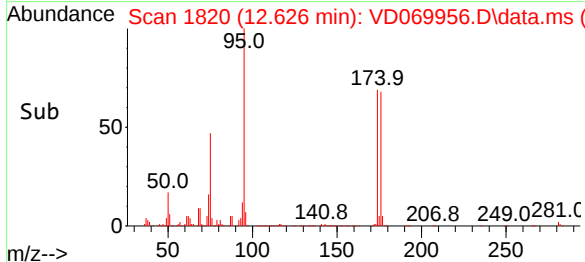
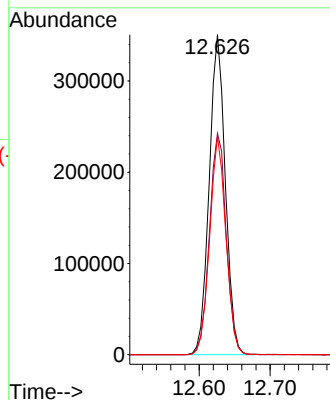
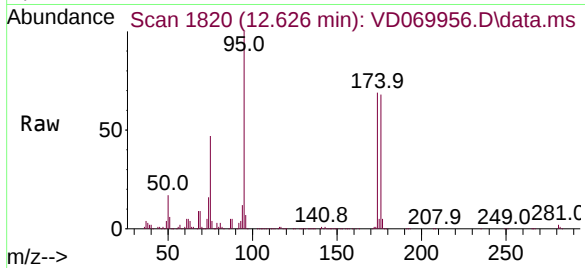




#62
4-Bromofluorobenzene
Concen: 47.824 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069956.D
Acq: 03 Aug 2021 10:25

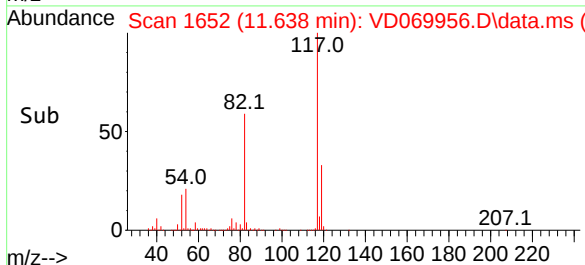
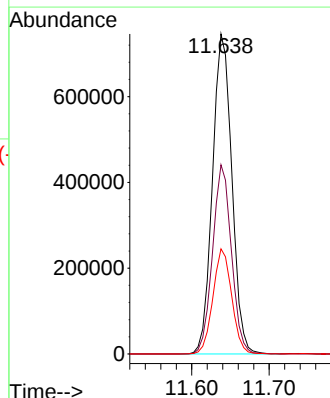
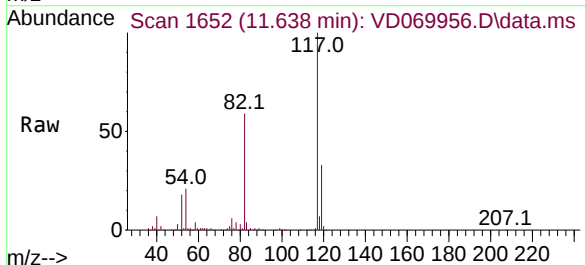
Instrument :
MSVOA_D
ClientSampleId :

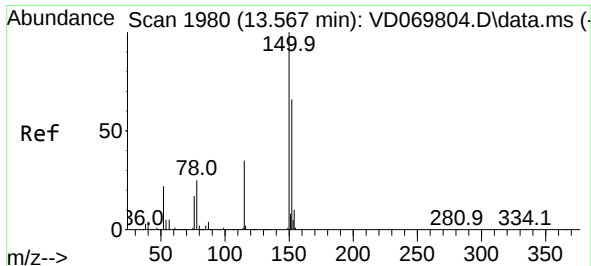
Tgt Ion: 95 Resp: 552332
Ion Ratio Lower Upper
95 100
174 72.2 0.0 142.6
176 68.5 0.0 134.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069956.D
Acq: 03 Aug 2021 10:25

Tgt Ion: 117 Resp: 1296248
Ion Ratio Lower Upper
117 100
82 59.1 46.3 69.5
119 32.9 24.7 37.1

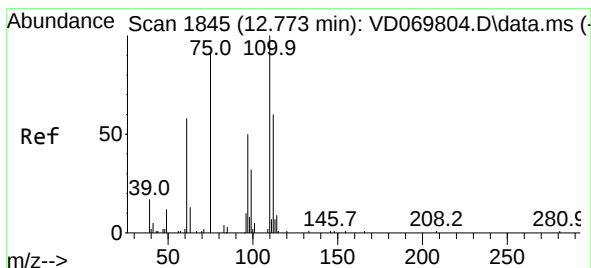
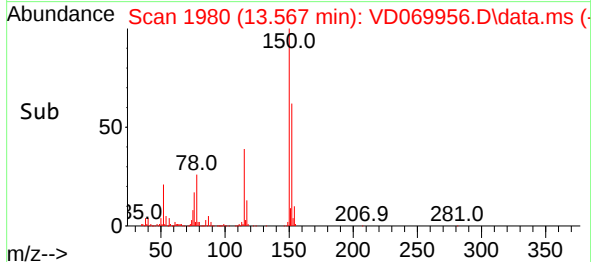
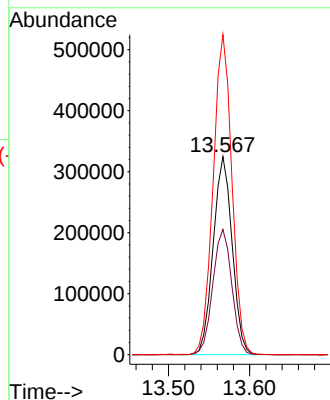
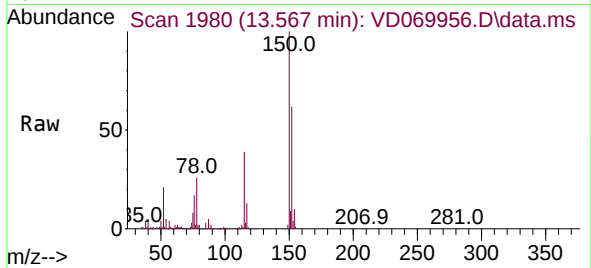




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD069956.D
 Acq: 03 Aug 2021 10:25

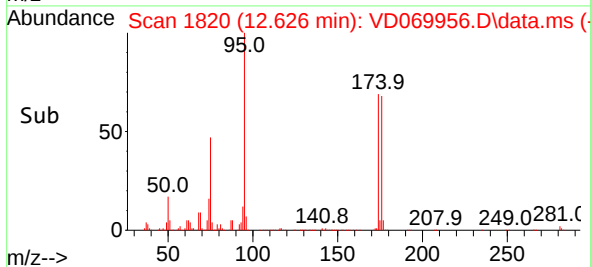
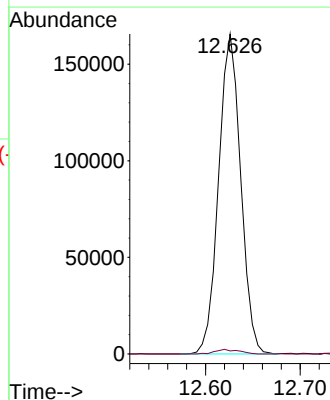
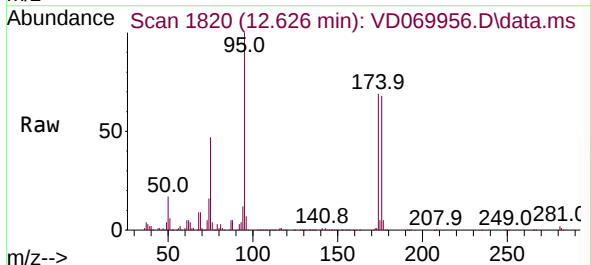
Instrument :
 MSVOA_D
 ClientSampled :

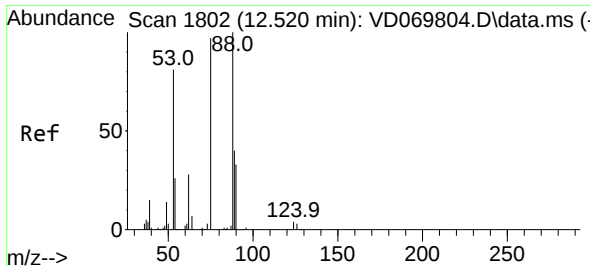
Tgt Ion:152 Resp: 525955
 Ion Ratio Lower Upper
 152 100
 115 63.7 31.1 93.3
 150 160.1 0.0 343.0



#76
 1,2,3-Trichloropropane
 Concen: 47.999 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD069956.D
 Acq: 03 Aug 2021 10:25

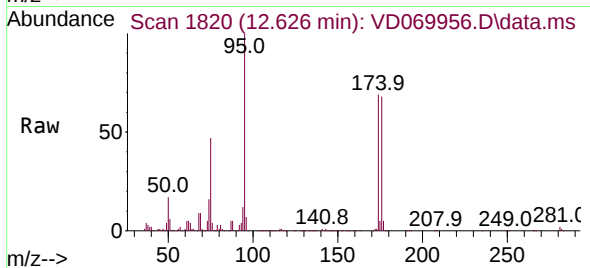
Tgt Ion: 75 Resp: 268338
 Ion Ratio Lower Upper
 75 100
 77 1.5 181.5 544.5#



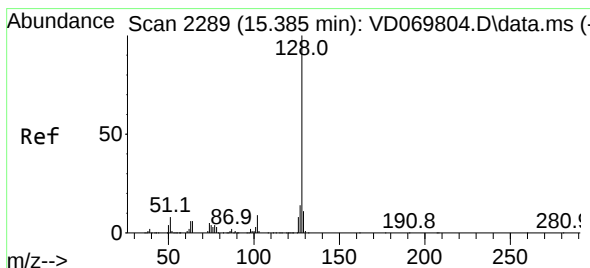
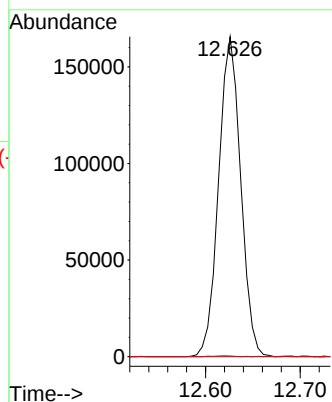
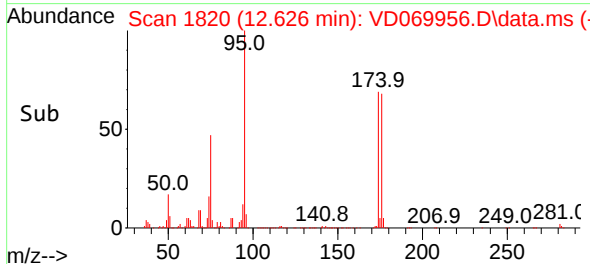


#81
trans-1,4-Dichloro-2-butene
Concen: 145.616 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD069956.D
Acq: 03 Aug 2021 10:25

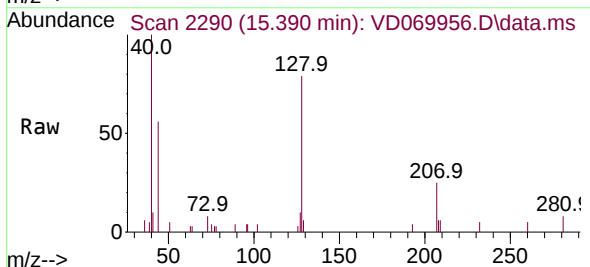
Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 75 Resp: 268338
Ion Ratio Lower Upper
75 100
53 0.2 67.2 100.8#
89 0.0 35.8 53.6#



#95
Naphthalene
Concen: 5.330 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. 0.005 min
Lab File: VD069956.D
Acq: 03 Aug 2021 10:25



Tgt Ion: 128 Resp: 6330
Ion Ratio Lower Upper
128 100
127 8.4 10.6 16.0#
129 12.0 8.6 12.8

