

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092021\
 Data File : VD070380.D
 Acq On : 20 Sep 2021 13:23
 Operator : VA/SY
 Sample : M3803-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 212

Quant Time: Sep 21 03:33:32 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)

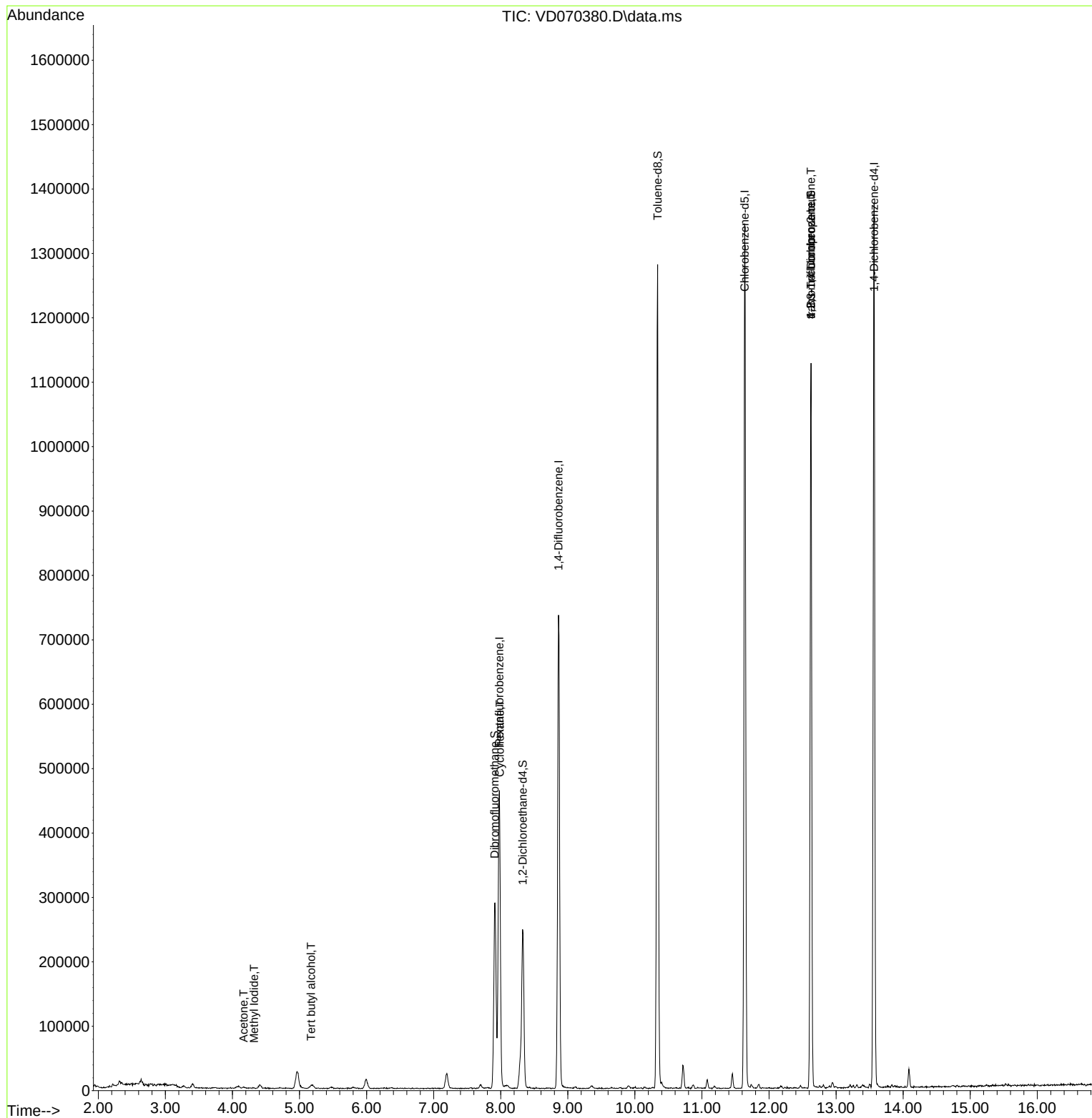
Internal Standards						
1) Pentafluorobenzene	7.979	168	319649	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	630303	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	784355	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	358506	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	193120	47.052	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.100%		
35) Dibromofluoromethane	7.909	113	215004	47.922	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.840%		
50) Toluene-d8	10.338	98	852610	52.340	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	104.680%		
62) 4-Bromofluorobenzene	12.626	95	373380	65.585	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	131.180%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	1685	Below Cal		86
3) Chloromethane	2.215	50	2015	Below Cal	#	83
5) Bromomethane	2.785	94	1886	Below Cal	#	72
6) Chloroethane	2.932	64	727	Below Cal	#	43
10) Methyl Iodide	4.321	142	1083	1.297 ug/l	#	39
11) Tert butyl alcohol	5.173	59	5508	11.869 ug/l	#	100
16) Acetone	4.168	43	2923	3.989 ug/l		99
18) Methyl Acetate	4.732	43	56	Below Cal	#	48
20) Methylene Chloride	4.968	84	21840	Below Cal		92
31) Cyclohexane	7.985	56	9710	1.373 ug/l	#	18
76) 1,2,3-Trichloropropane	12.626	75	182537	50.337 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.626	75	182537	126.123 ug/l	#	17

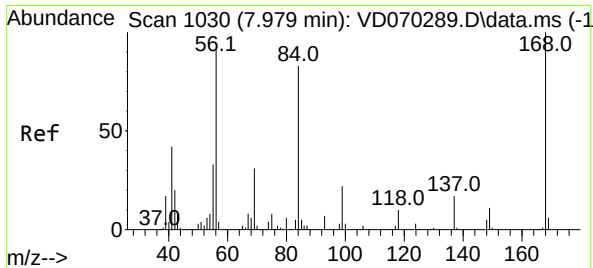
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
ClientSampled :
212

Quant Time: Sep 21 03:33:32 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

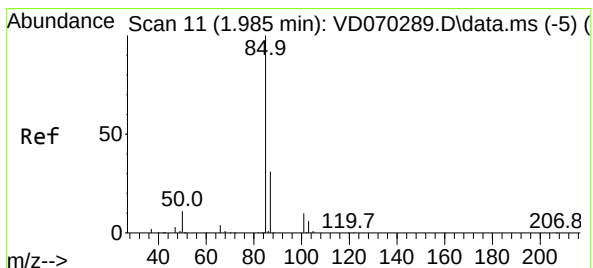
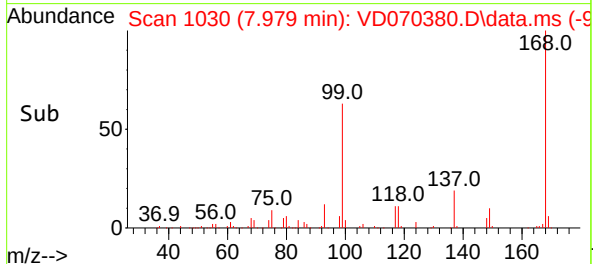
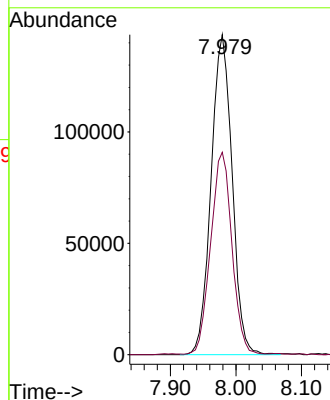
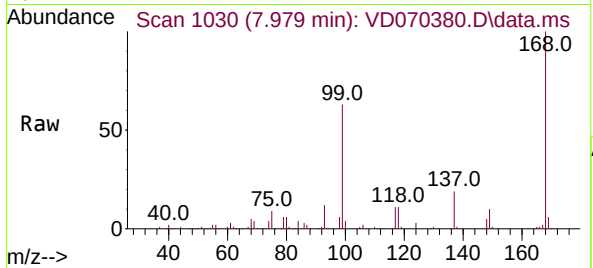




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070380.D
Acq: 20 Sep 2021 13:23

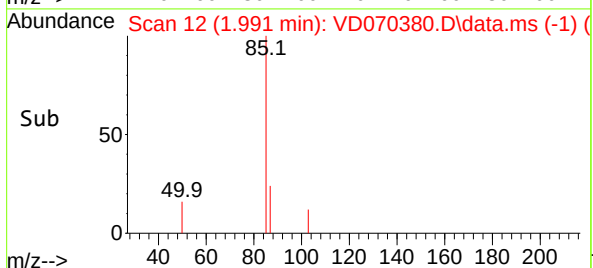
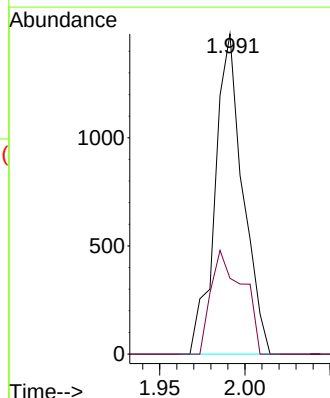
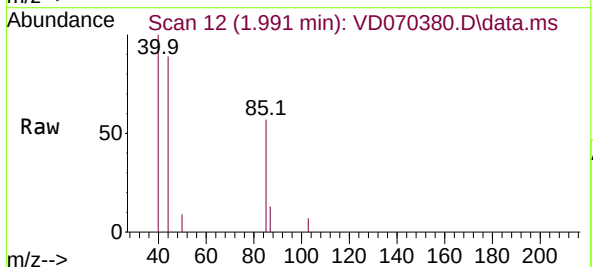
Instrument :
MSVOA_D
ClientSampleId :
212

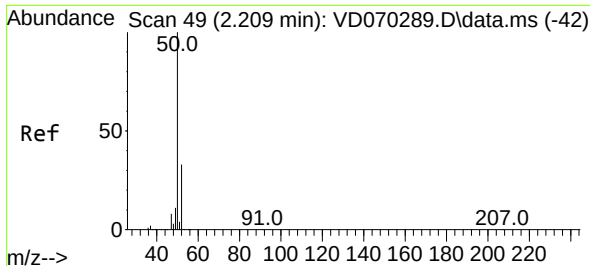
Tgt Ion:168 Resp: 319649
Ion Ratio Lower Upper
168 100
99 63.0 50.8 76.2



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. 0.006 min
Lab File: VD070380.D
Acq: 20 Sep 2021 13:23

Tgt Ion: 85 Resp: 1685
Ion Ratio Lower Upper
85 100
87 23.6 15.6 46.8

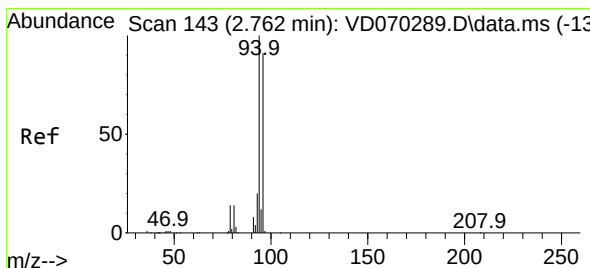
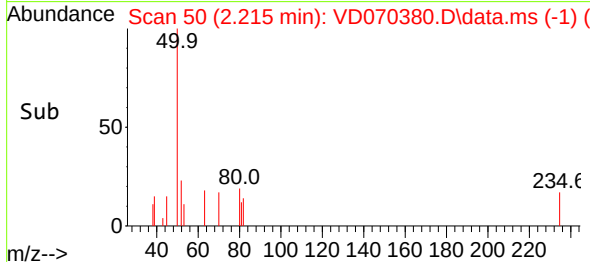
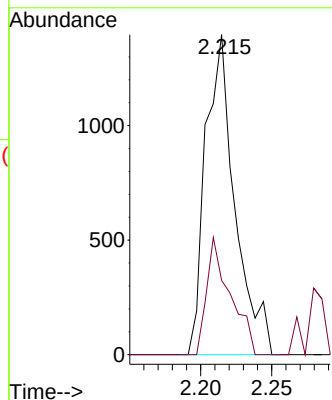
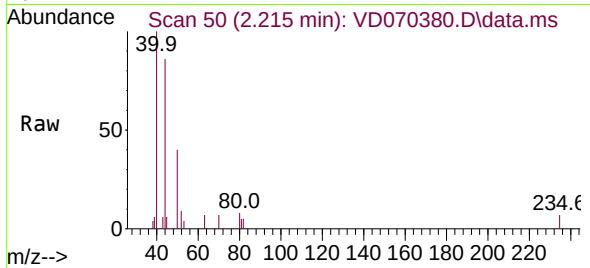




#3
Chloromethane
Concen: Below Cal
RT: 2.215 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD070380.D
Acq: 20 Sep 2021 13:23

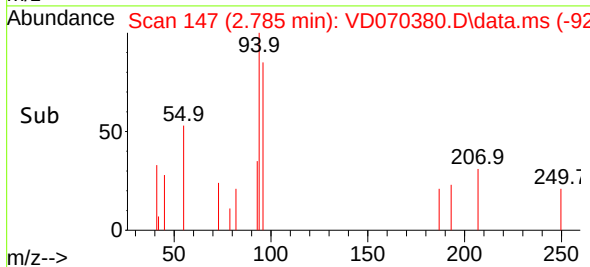
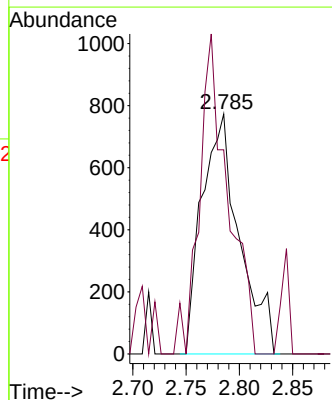
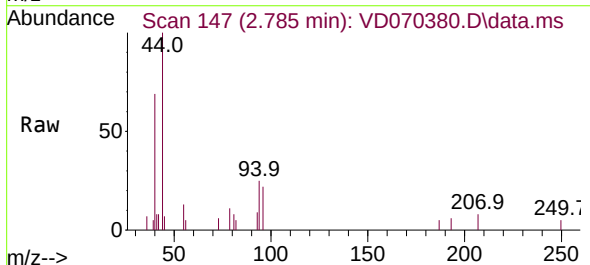
Instrument :
MSVOA_D
ClientSampled :
212

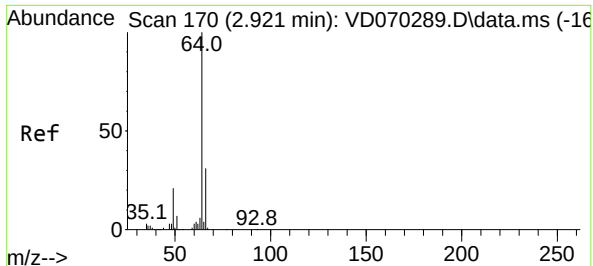
Tgt Ion: 50 Resp: 2015
Ion Ratio Lower Upper
50 100
52 23.2 26.2 39.2#



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.023 min
Lab File: VD070380.D
Acq: 20 Sep 2021 13:23

Tgt Ion: 94 Resp: 1886
Ion Ratio Lower Upper
94 100
96 65.1 73.0 109.6#

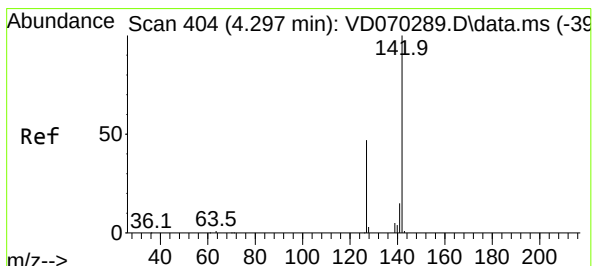
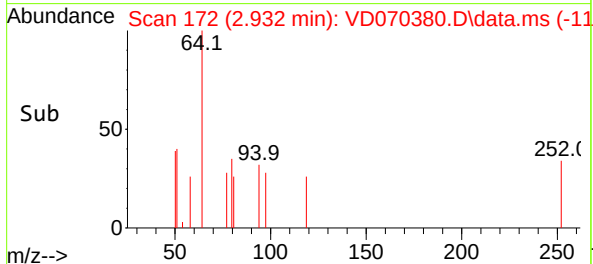
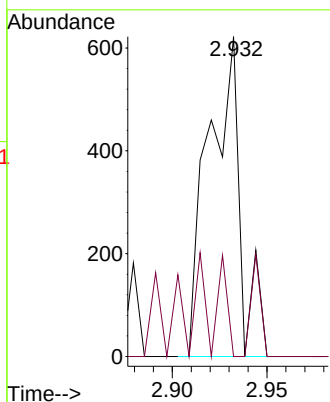
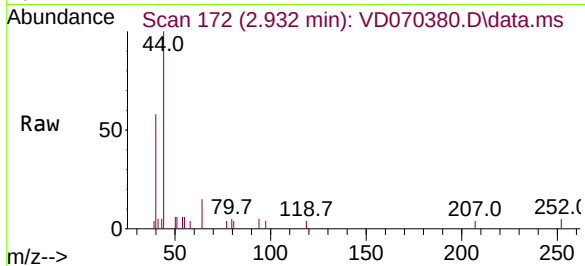




#6
Chloroethane
Concen: Below Cal
RT: 2.932 min Scan# 172
Delta R.T. 0.011 min
Lab File: VD070380.D
Acq: 20 Sep 2021 13:23

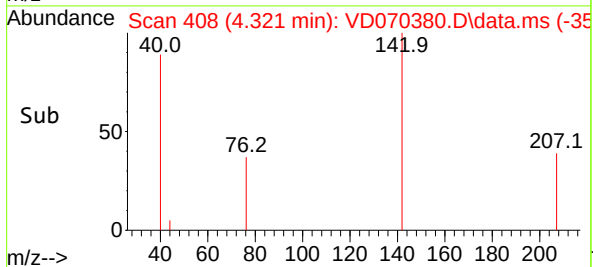
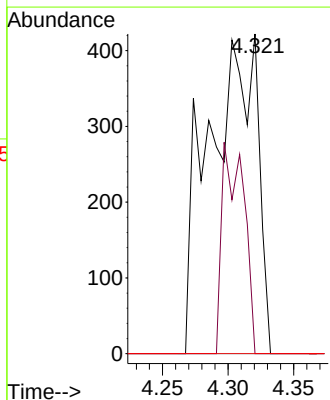
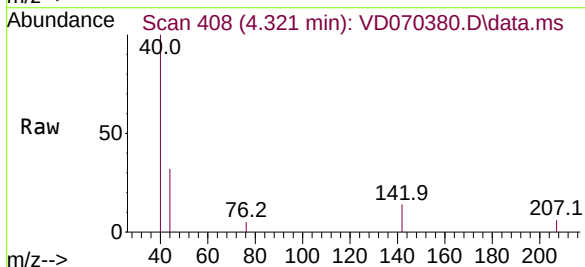
Instrument :
MSVOA_D
ClientSampled :
212

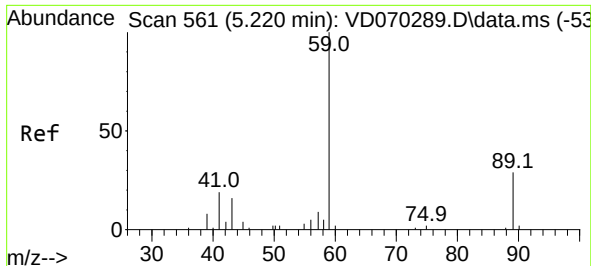
Tgt Ion: 64 Resp: 727
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#10
Methyl Iodide
Concen: 1.297 ug/l
RT: 4.321 min Scan# 408
Delta R.T. 0.024 min
Lab File: VD070380.D
Acq: 20 Sep 2021 13:23

Tgt Ion:142 Resp: 1083
Ion Ratio Lower Upper
142 100
127 0.0 36.9 55.3#
141 0.0 11.8 17.6#

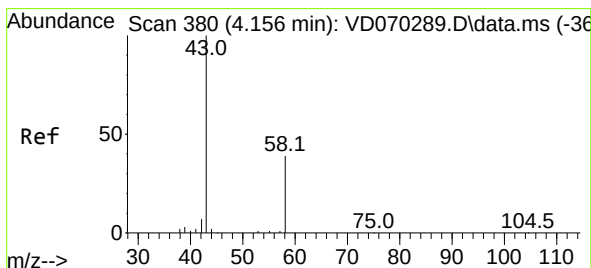
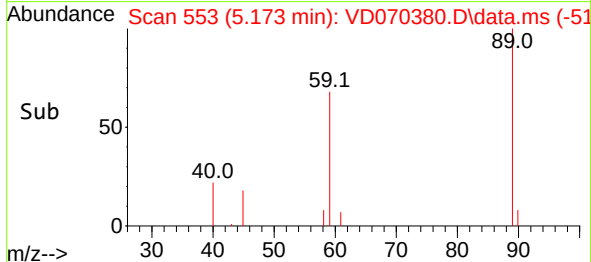
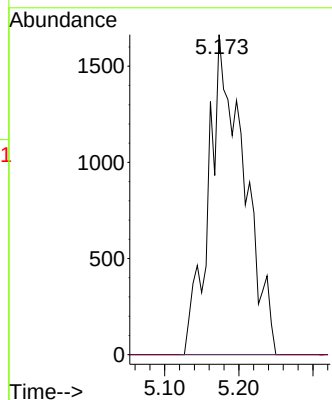
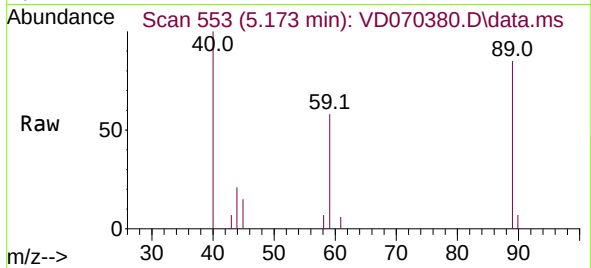




#11
Tert butyl alcohol
Concen: 11.869 ug/l
RT: 5.173 min Scan# 553
Delta R.T. -0.047 min
Lab File: VD070380.D
Acq: 20 Sep 2021 13:23

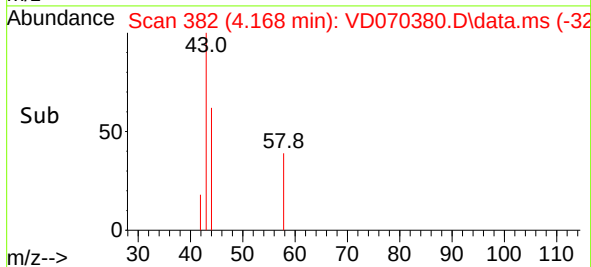
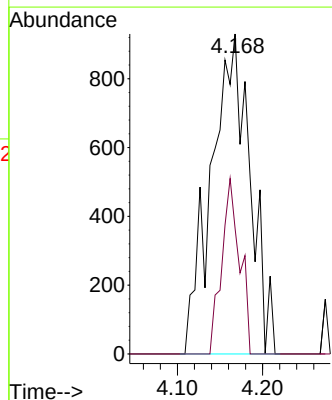
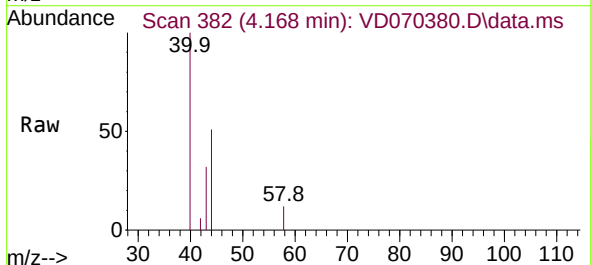
Instrument :
MSVOA_D
ClientSampleId :
212

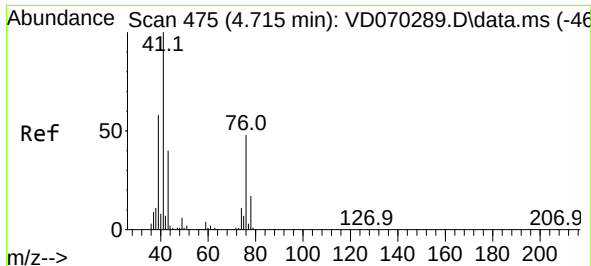
Tgt Ion: 59 Resp: 5508
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0



#16
Acetone
Concen: 3.989 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD070380.D
Acq: 20 Sep 2021 13:23

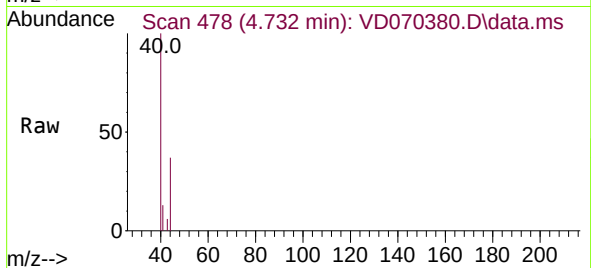
Tgt Ion: 43 Resp: 2923
Ion Ratio Lower Upper
43 100
58 39.2 30.9 46.3



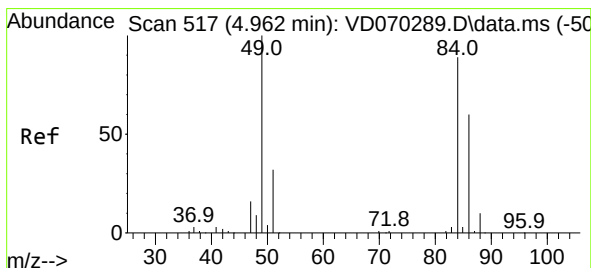
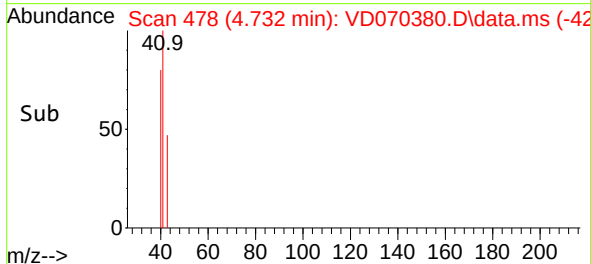
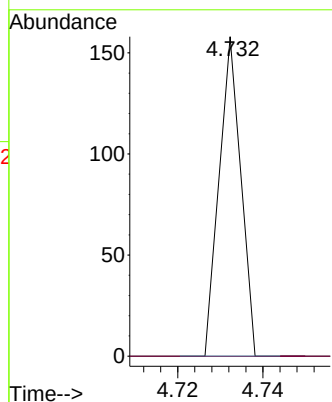


#18
Methyl Acetate
Concen: Below Cal
RT: 4.732 min Scan# 478
Delta R.T. 0.017 min
Lab File: VD070380.D
Acq: 20 Sep 2021 13:23

Instrument :
MSVOA_D
ClientSampled :
212

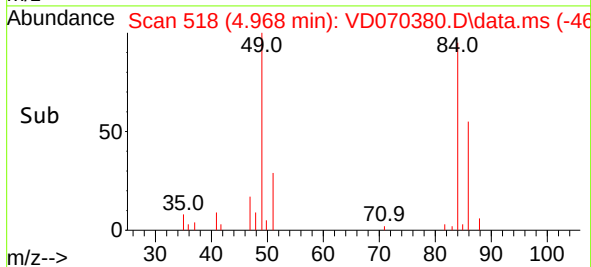
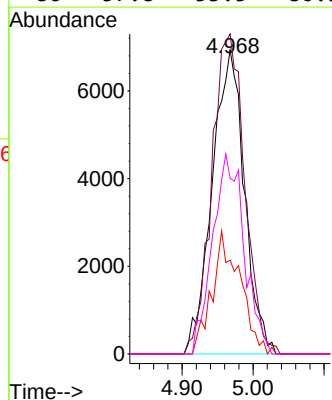
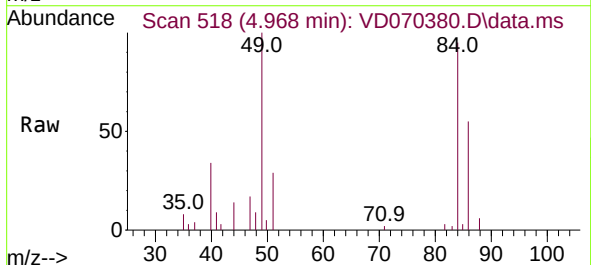


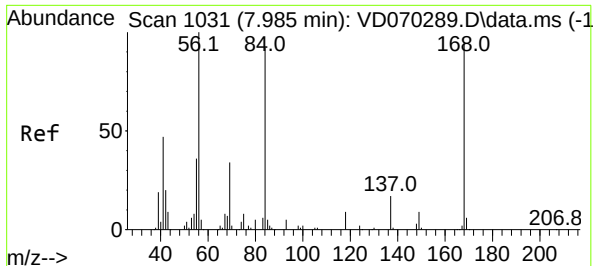
Tgt Ion: 43 Resp: 56
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 518
Delta R.T. 0.006 min
Lab File: VD070380.D
Acq: 20 Sep 2021 13:23

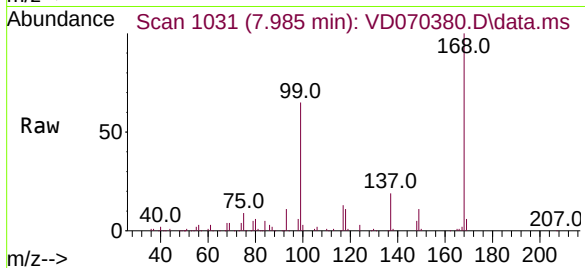
Tgt Ion: 84 Resp: 21840
Ion Ratio Lower Upper
84 100
49 105.3 89.6 134.4
51 30.8 28.6 43.0
86 57.8 53.5 80.3



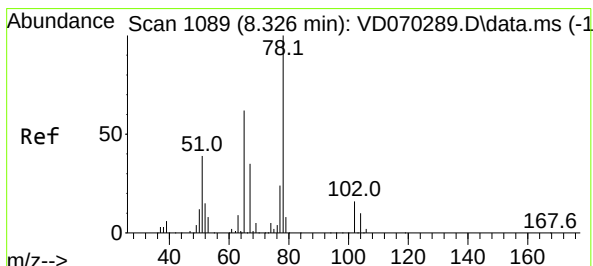
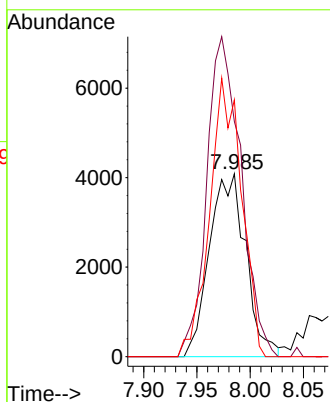
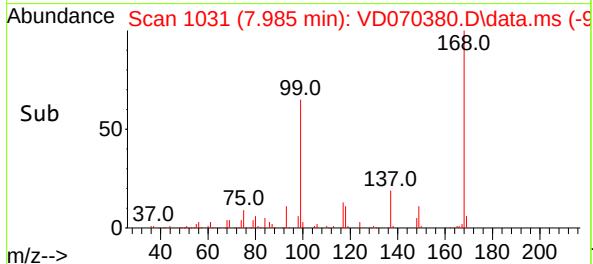


#31
Cyclohexane
Concen: 1.373 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD070380.D
Acq: 20 Sep 2021 13:23

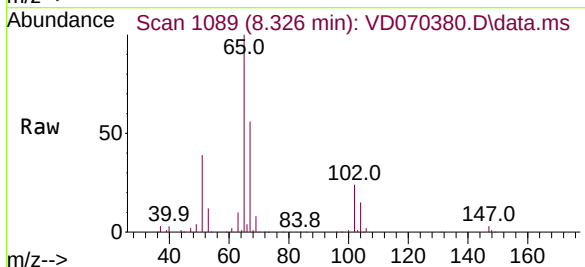
Instrument :
MSVOA_D
ClientSampleId :
212



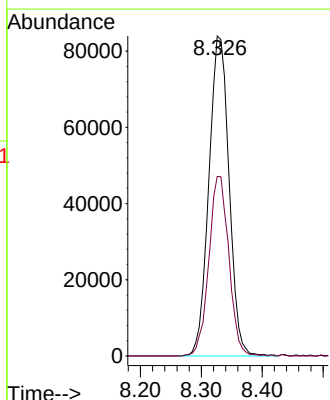
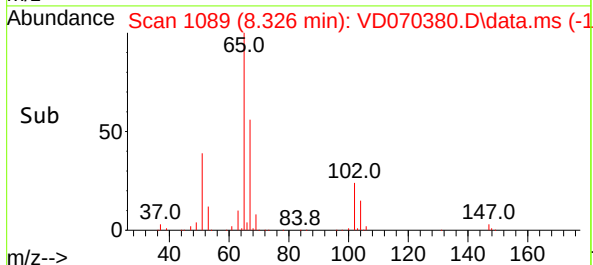
Tgt Ion: 56 Resp: 9710
Ion Ratio Lower Upper
56 100
69 128.6 26.9 40.3#
84 140.5 73.6 110.4#

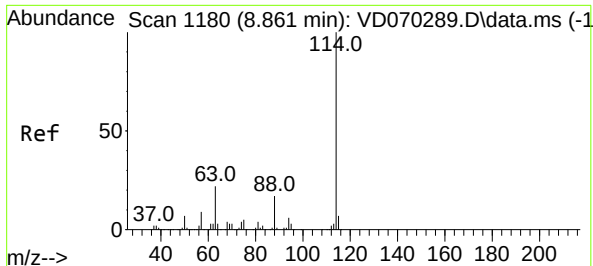


#33
1,2-Dichloroethane-d4
Concen: 47.052 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070380.D
Acq: 20 Sep 2021 13:23



Tgt Ion: 65 Resp: 193120
Ion Ratio Lower Upper
65 100
67 55.7 0.0 111.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

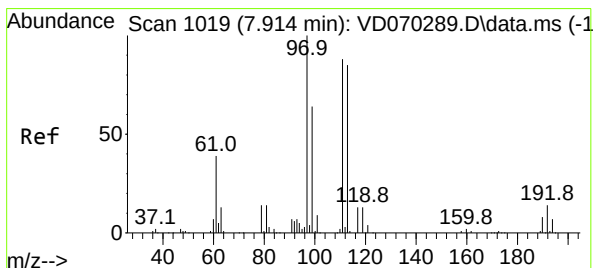
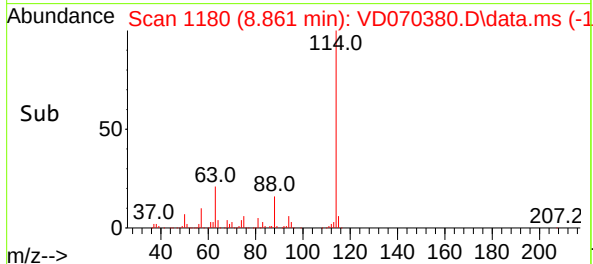
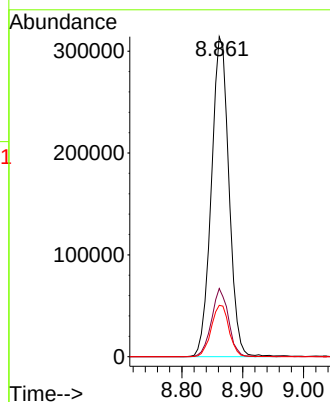
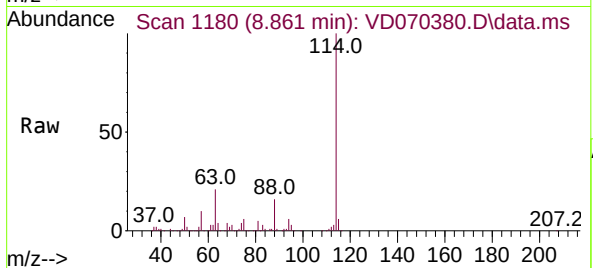
Delta R.T. 0.000 min

Lab File: VD070380.D

Acq: 20 Sep 2021 13:23

Tgt Ion:	114	Resp:	630303
Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	43.4
88	16.0	0.0	33.4

Instrument :
MSVOA_D
ClientSampleId :
212



#35

Dibromofluoromethane

Concen: 47.922 ug/l

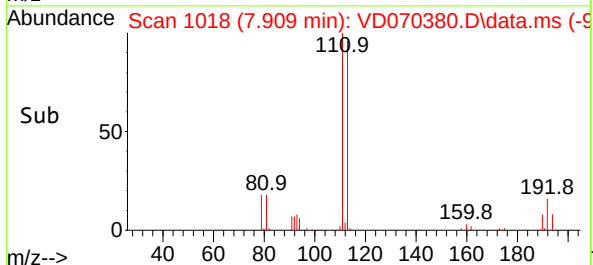
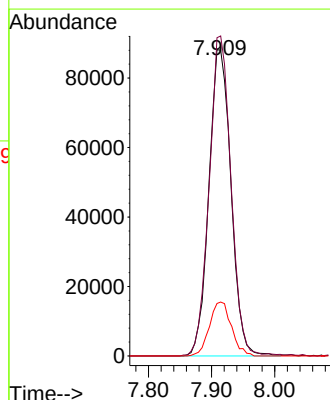
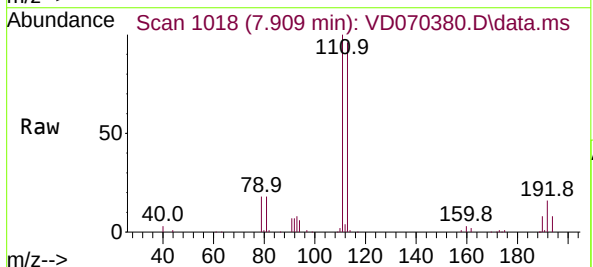
RT: 7.909 min Scan# 1018

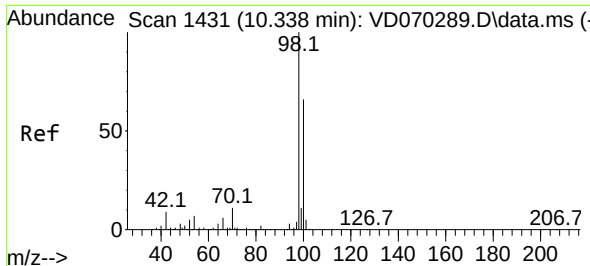
Delta R.T. -0.006 min

Lab File: VD070380.D

Acq: 20 Sep 2021 13:23

Tgt Ion:	113	Resp:	215004
Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.4	122.2
192	17.5	13.0	19.6

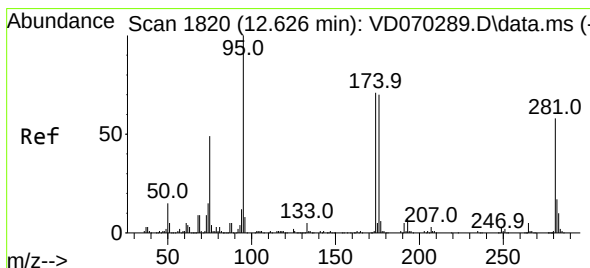
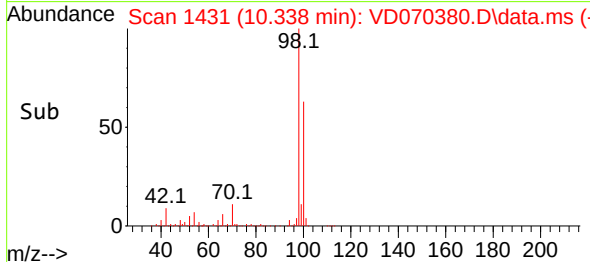
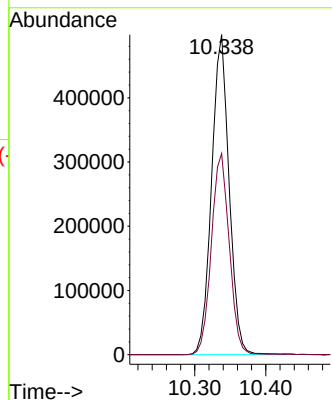
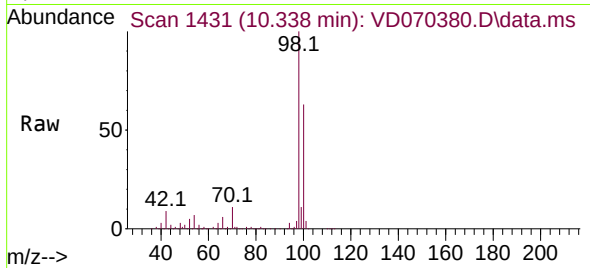




#50
Toluene-d8
Concen: 52.340 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD070380.D
Acq: 20 Sep 2021 13:23

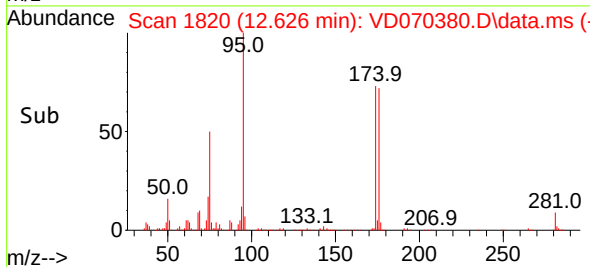
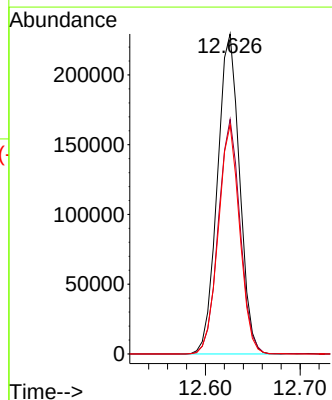
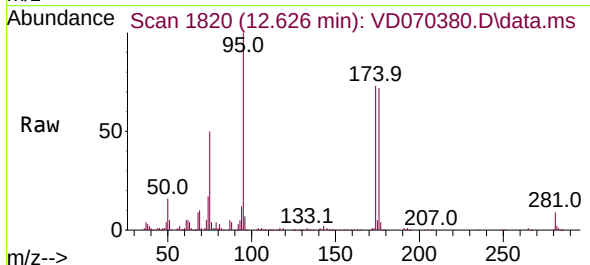
Instrument :
MSVOA_D
ClientSampled :
212

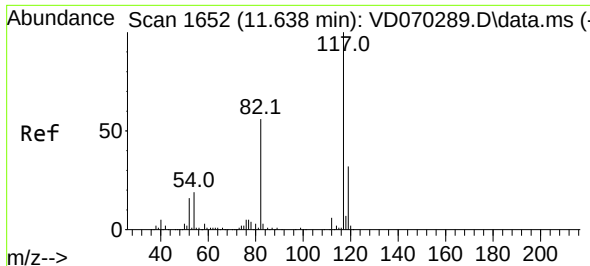
Tgt Ion: 98 Resp: 852610
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 65.585 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070380.D
Acq: 20 Sep 2021 13:23

Tgt Ion: 95 Resp: 373380
Ion Ratio Lower Upper
95 100
174 71.9 0.0 140.6
176 69.0 0.0 137.4

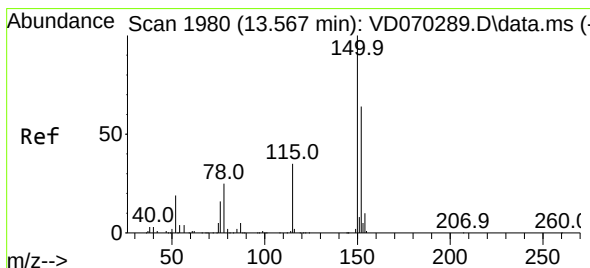
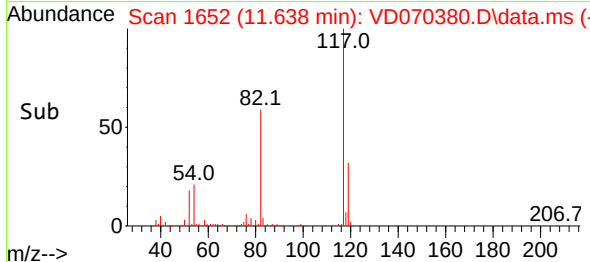
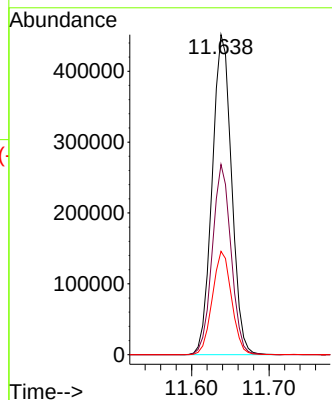
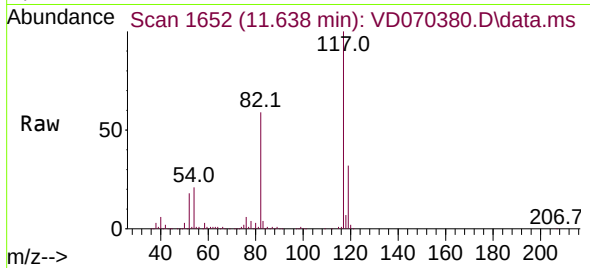




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070380.D
Acq: 20 Sep 2021 13:23

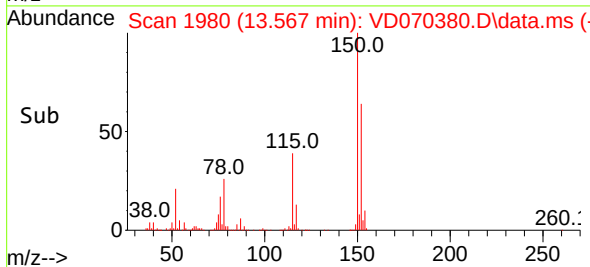
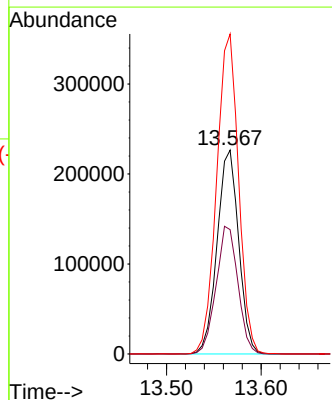
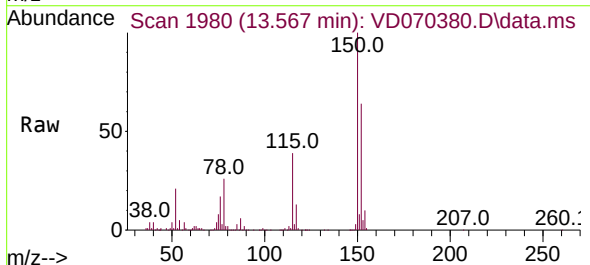
Instrument :
MSVOA_D
ClientSampled :
212

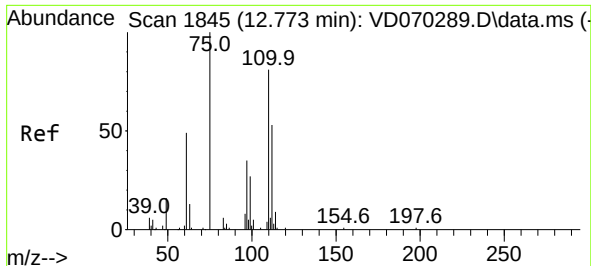
Tgt Ion:	117	Resp:	784355
Ion Ratio	Lower	Upper	
117	100		
82	59.5	45.0	67.4
119	32.3	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD070380.D
Acq: 20 Sep 2021 13:23

Tgt Ion:	152	Resp:	358506
Ion Ratio	Lower	Upper	
152	100		
115	63.4	32.1	96.3
150	159.3	0.0	350.6

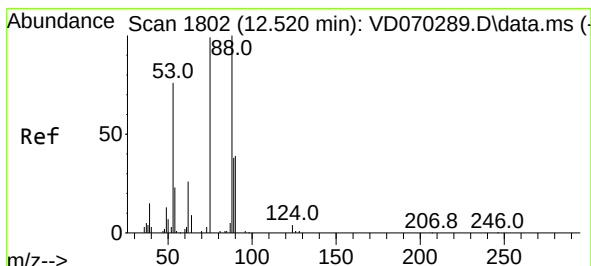
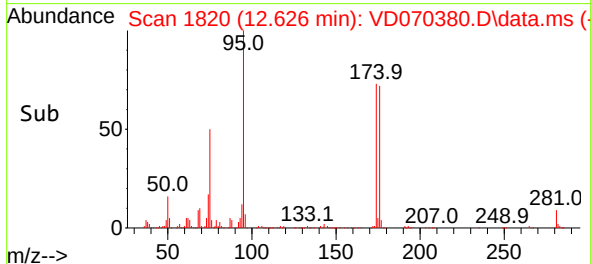
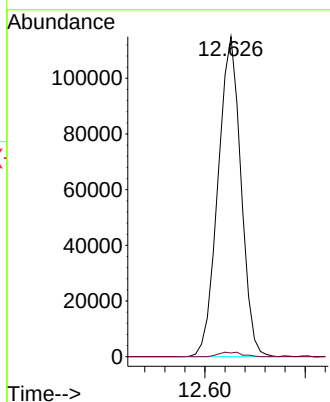
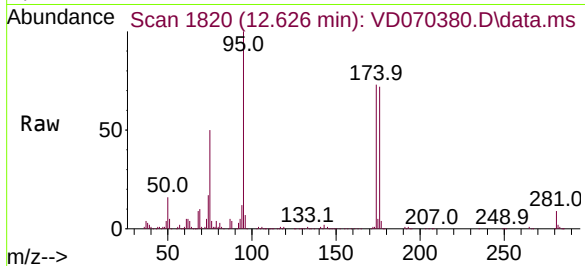




#76
1,2,3-Trichloropropane
Concen: 50.337 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070380.D
Acq: 20 Sep 2021 13:23

Instrument :
MSVOA_D
ClientSampleId :
212

Tgt Ion: 75 Resp: 182537
Ion Ratio Lower Upper
75 100
77 1.4 174.9 524.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 126.123 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070380.D
Acq: 20 Sep 2021 13:23

Tgt Ion: 75 Resp: 182537
Ion Ratio Lower Upper
75 100
53 0.1 64.2 96.2#
89 0.2 35.6 53.4#

