

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092421\
 Data File : VD070445.D
 Acq On : 24 Sep 2021 10:44
 Operator : VA/SY
 Sample : VD0924SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 25 03:06:52 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)

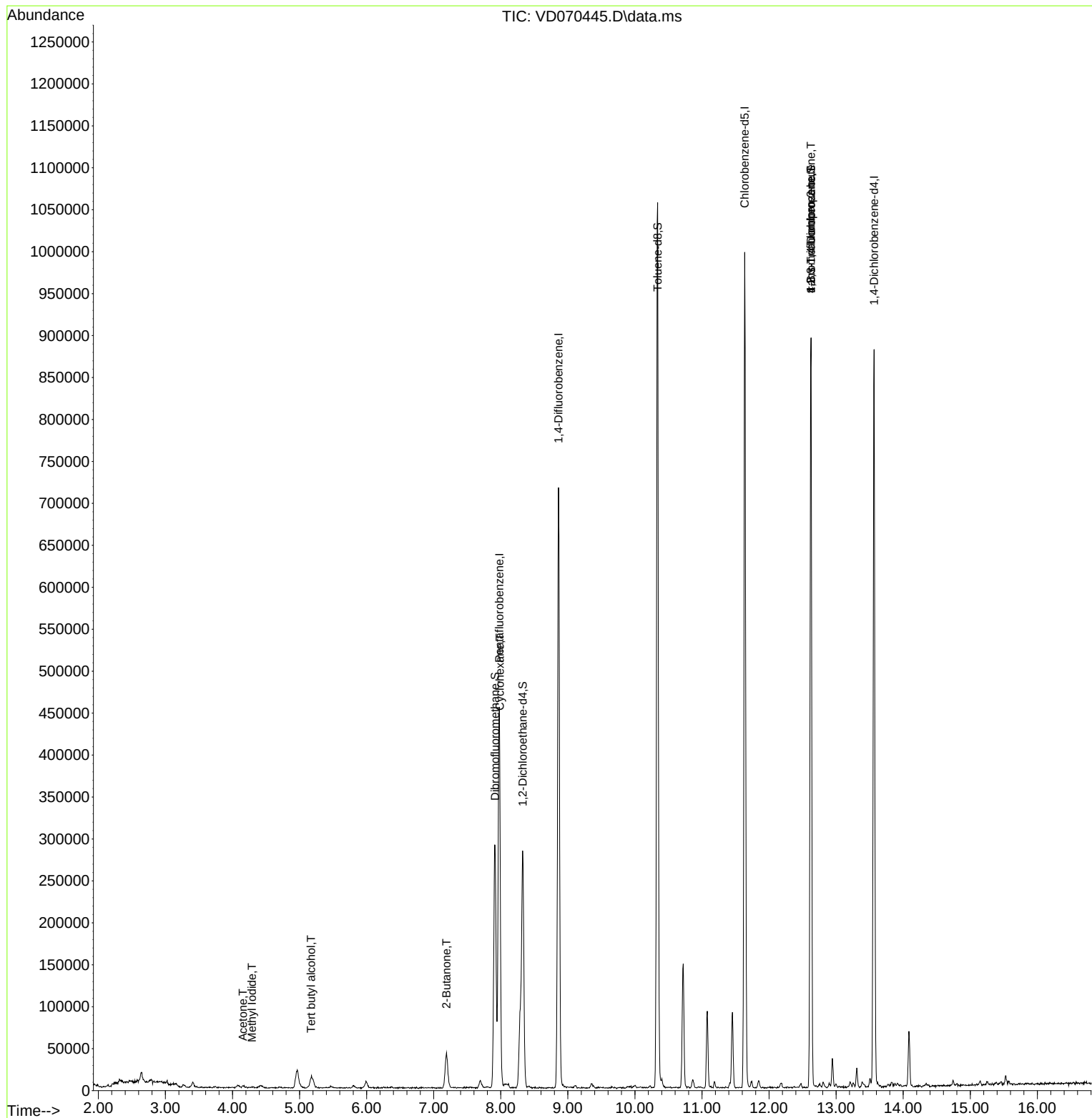
Internal Standards						
1) Pentafluorobenzene	7.979	168	315724	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	613263	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	587023	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	232236	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	218908	53.998	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.000%	
35) Dibromofluoromethane	7.914	113	221658	50.777	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.560%	
50) Toluene-d8	10.338	98	734672	46.354	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 92.700%	
62) 4-Bromofluorobenzene	12.626	95	233695	42.190	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 84.380%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	1449	Below Cal		74
3) Chloromethane	2.209	50	1983	Below Cal	#	80
5) Bromomethane	2.779	94	2755	Below Cal		84
6) Chloroethane	2.914	64	918	Below Cal	#	43
10) Methyl Iodide	4.291	142	965	1.271	ug/l #	39
11) Tert butyl alcohol	5.173	59	13509	29.472	ug/l #	100
16) Acetone	4.156	43	3987	5.509	ug/l #	67
18) Methyl Acetate	4.732	43	236	Below Cal	#	48
20) Methylene Chloride	4.956	84	17618	Below Cal	#	79
25) 2-Butanone	7.191	43	2019	2.096	ug/l #	47
31) Cyclohexane	7.985	56	8780	1.257	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	117810	50.151	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	117810	125.658	ug/l #	18

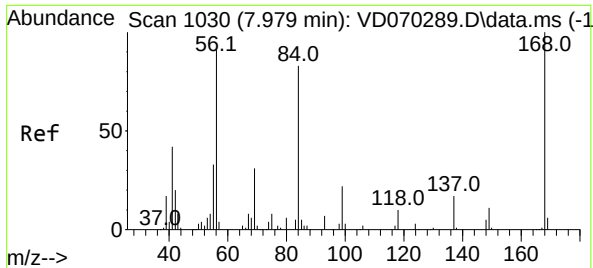
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 25 03:06:52 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

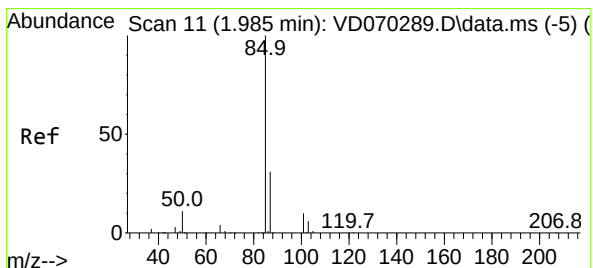
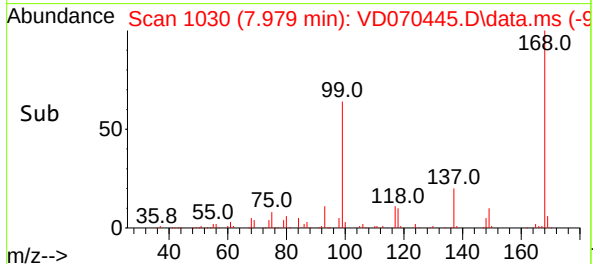
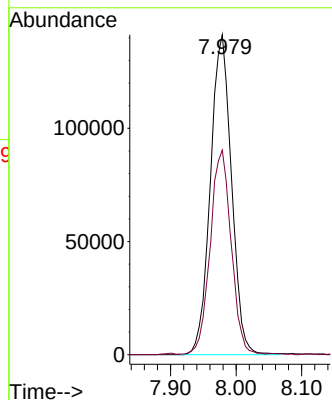
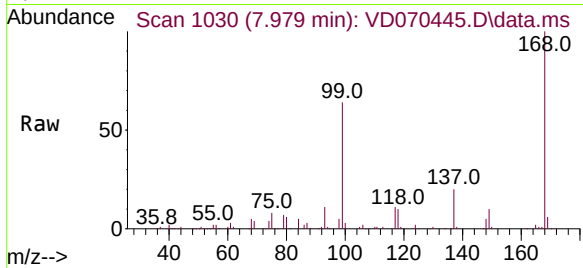




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070445.D
Acq: 24 Sep 2021 10:44

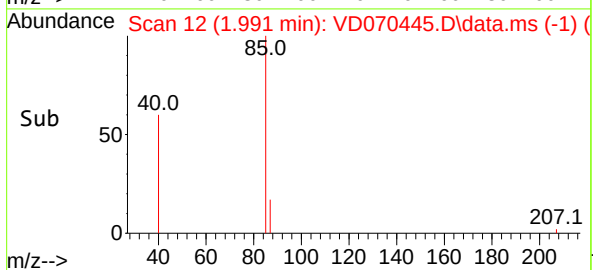
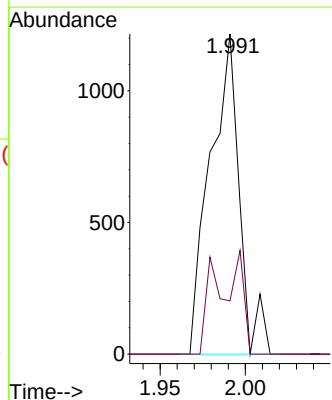
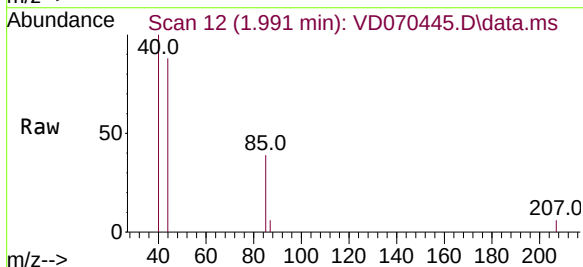
Instrument :
MSVOA_D
ClientSampleId :

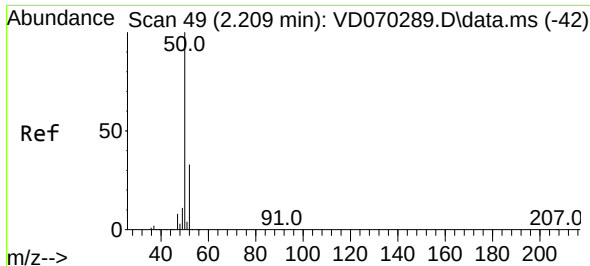
Tgt Ion:168 Resp: 315724
Ion Ratio Lower Upper
168 100
99 63.8 50.8 76.2



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. 0.006 min
Lab File: VD070445.D
Acq: 24 Sep 2021 10:44

Tgt Ion: 85 Resp: 1449
Ion Ratio Lower Upper
85 100
87 16.6 15.6 46.8

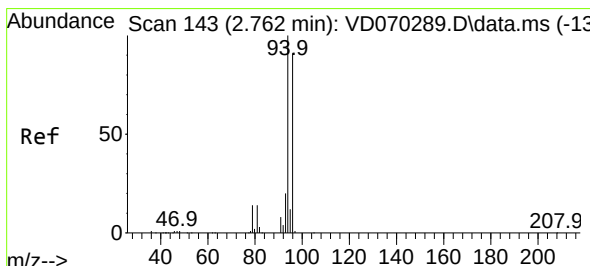
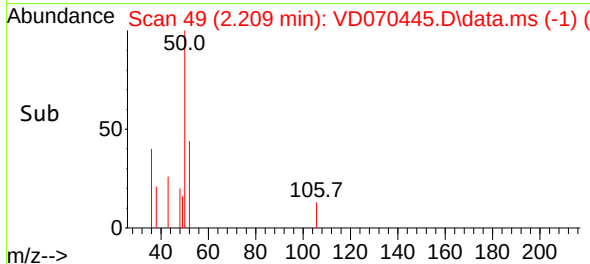
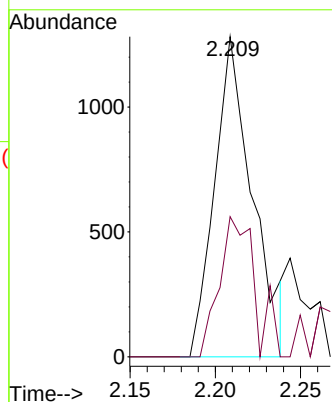
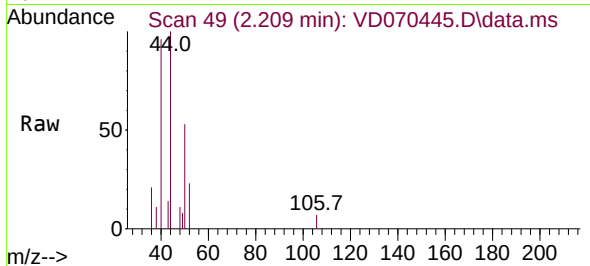




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070445.D
Acq: 24 Sep 2021 10:44

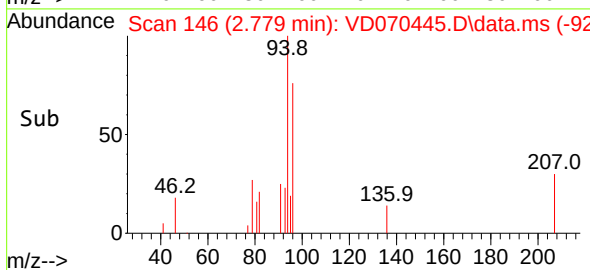
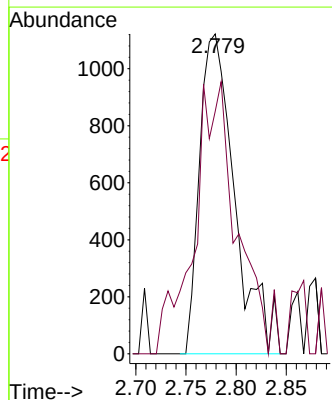
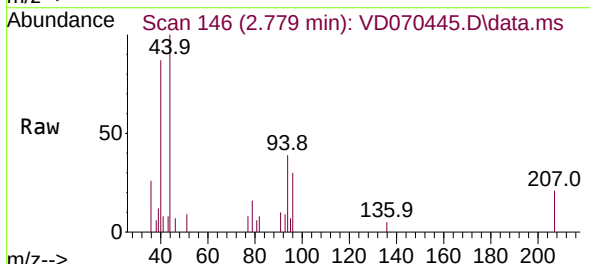
Instrument :
MSVOA_D
ClientSampled :

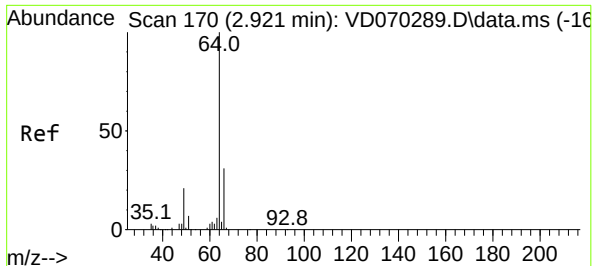
Tgt Ion: 50 Resp: 1983
Ion Ratio Lower Upper
50 100
52 43.8 26.2 39.2#



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD070445.D
Acq: 24 Sep 2021 10:44

Tgt Ion: 94 Resp: 2755
Ion Ratio Lower Upper
94 100
96 75.8 73.0 109.6

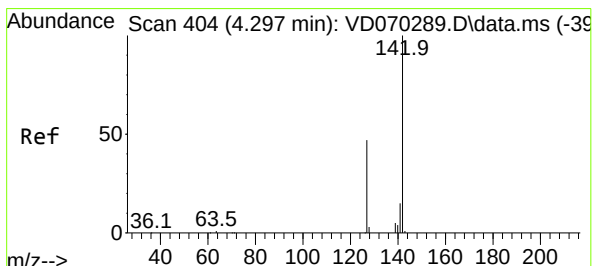
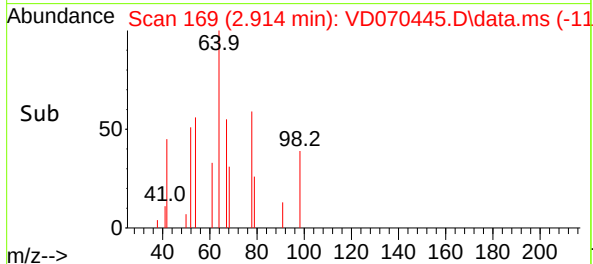
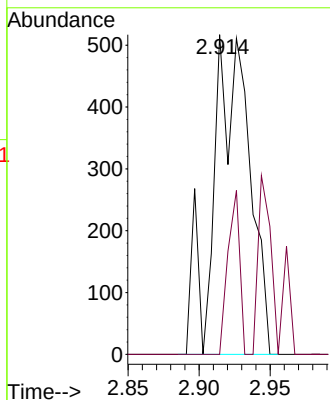
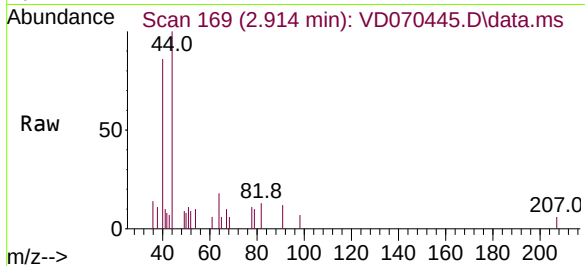




#6
Chloroethane
Concen: Below Cal
RT: 2.914 min Scan# 169
Delta R.T. -0.007 min
Lab File: VD070445.D
Acq: 24 Sep 2021 10:44

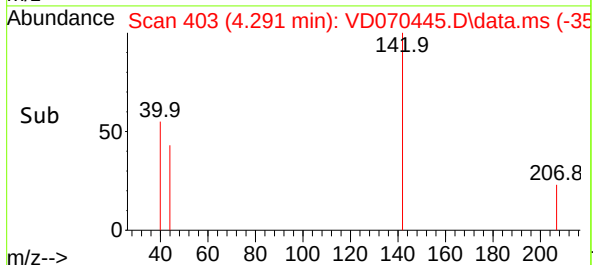
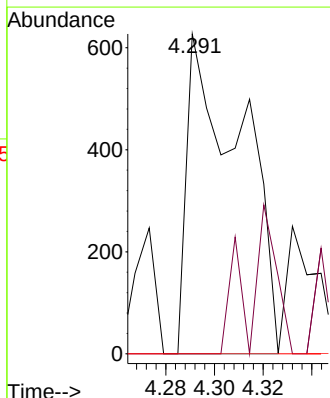
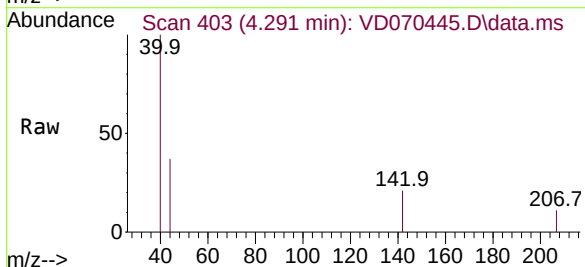
Instrument :
MSVOA_D
ClientSampled :

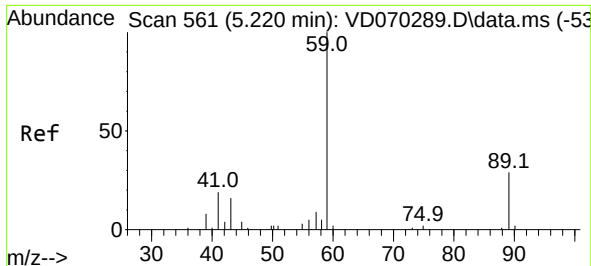
Tgt Ion: 64 Resp: 918
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#10
Methyl Iodide
Concen: 1.271 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD070445.D
Acq: 24 Sep 2021 10:44

Tgt Ion: 142 Resp: 965
Ion Ratio Lower Upper
142 100
127 0.0 36.9 55.3#
141 0.0 11.8 17.6#

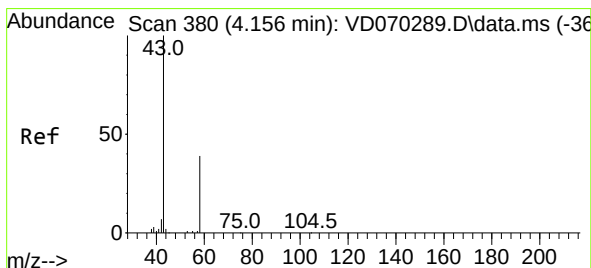
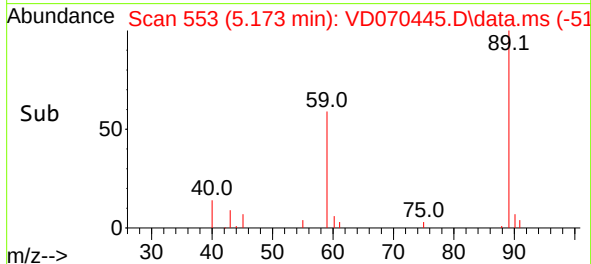
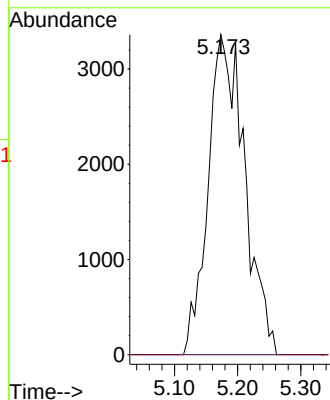
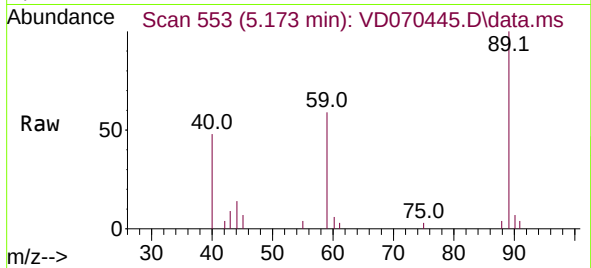




#11
Tert butyl alcohol
Concen: 29.472 ug/l
RT: 5.173 min Scan# 553
Delta R.T. -0.047 min
Lab File: VD070445.D
Acq: 24 Sep 2021 10:44

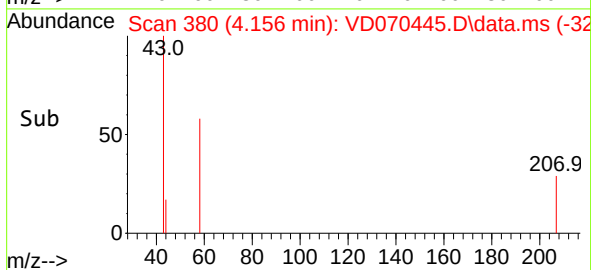
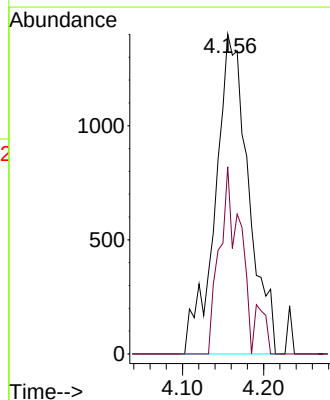
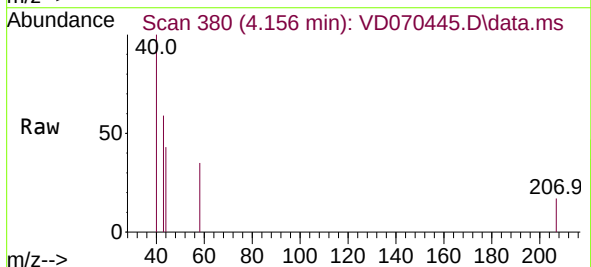
Instrument :
MSVOA_D
ClientSampleId :

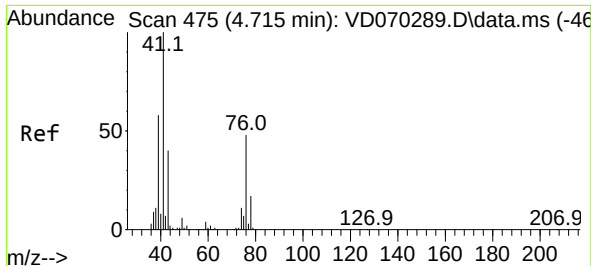
Tgt Ion: 59 Resp: 13509
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0



#16
Acetone
Concen: 5.509 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070445.D
Acq: 24 Sep 2021 10:44

Tgt Ion: 43 Resp: 3987
Ion Ratio Lower Upper
43 100
58 58.5 30.9 46.3#

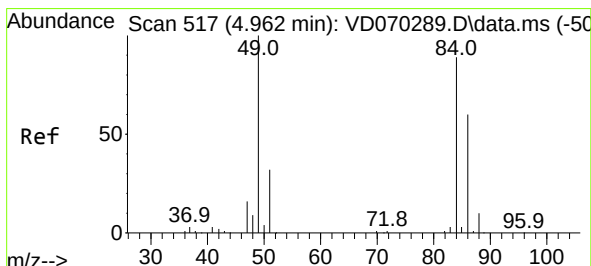
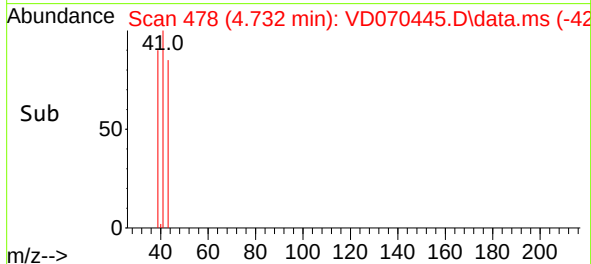
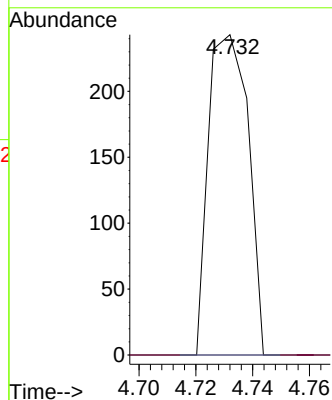
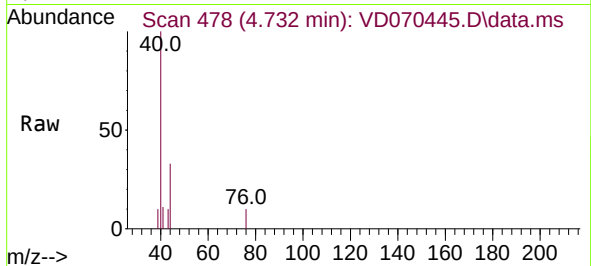




#18
Methyl Acetate
Concen: Below Cal
RT: 4.732 min Scan# 478
Delta R.T. 0.017 min
Lab File: VD070445.D
Acq: 24 Sep 2021 10:44

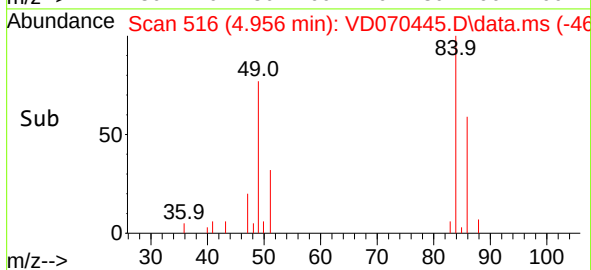
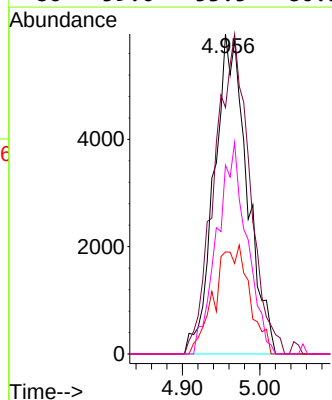
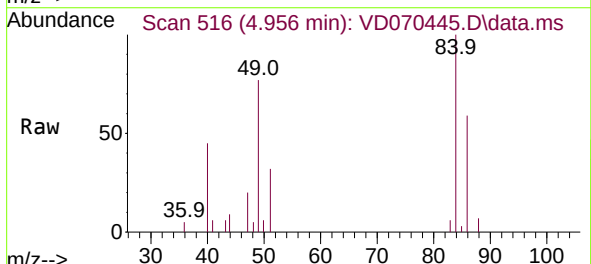
Instrument :
MSVOA_D
ClientSampled :

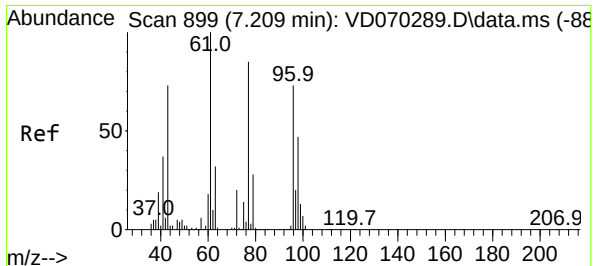
Tgt Ion: 43 Resp: 236
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD070445.D
Acq: 24 Sep 2021 10:44

Tgt Ion: 84 Resp: 17618
Ion Ratio Lower Upper
84 100
49 77.0 89.6 134.4#
51 31.9 28.6 43.0
86 59.0 53.5 80.3

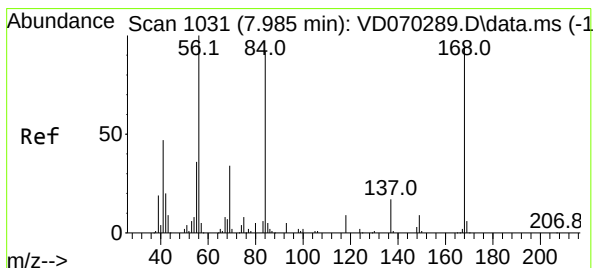
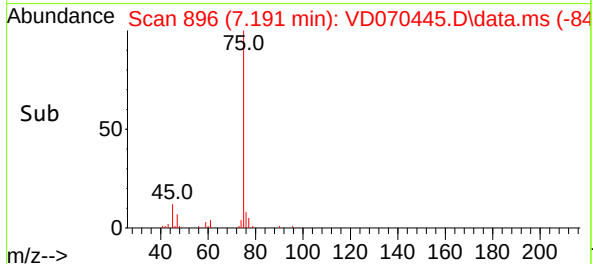
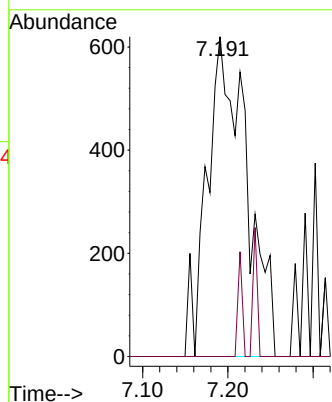
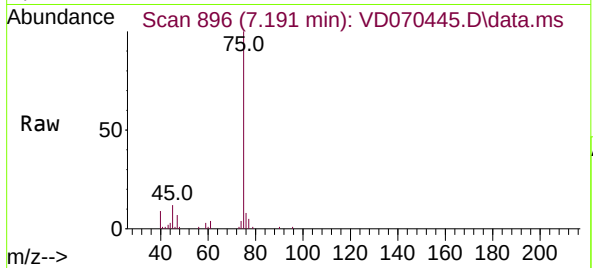




#25
2-Butanone
Concen: 2.096 ug/l
RT: 7.191 min Scan# 896
Delta R.T. -0.018 min
Lab File: VD070445.D
Acq: 24 Sep 2021 10:44

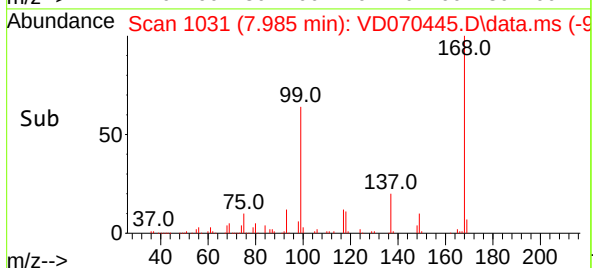
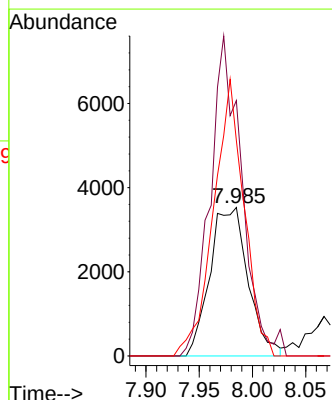
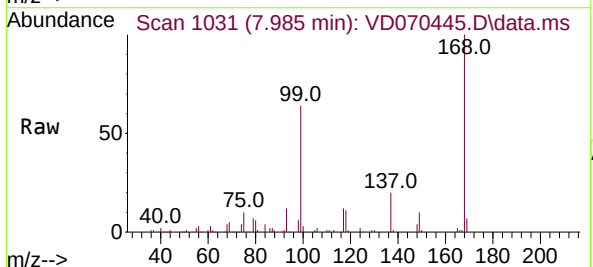
Instrument :
MSVOA_D
ClientSampled :

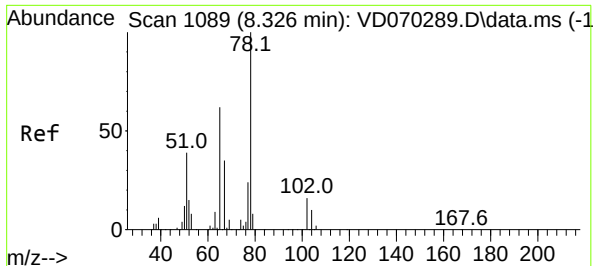
Tgt Ion: 43 Resp: 2019
Ion Ratio Lower Upper
43 100
72 0.0 22.2 33.4#



#31
Cyclohexane
Concen: 1.257 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD070445.D
Acq: 24 Sep 2021 10:44

Tgt Ion: 56 Resp: 8780
Ion Ratio Lower Upper
56 100
69 172.0 26.9 40.3#
84 145.3 73.6 110.4#



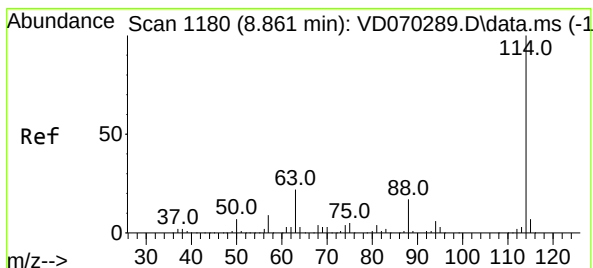
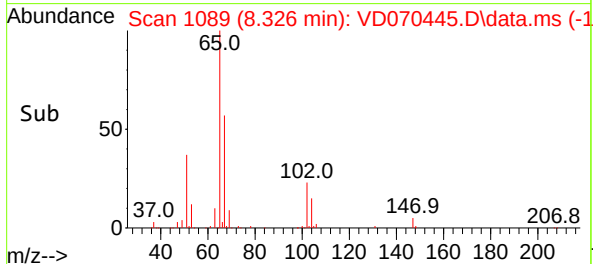
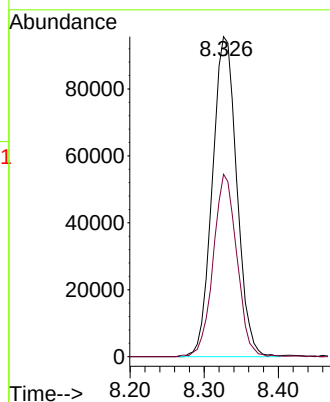
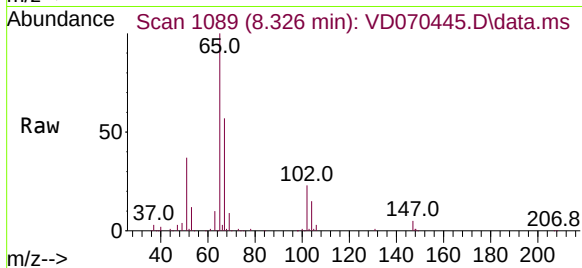


#33

1,2-Dichloroethane-d4
Concen: 53.998 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070445.D
Acq: 24 Sep 2021 10:44

Instrument :
MSVOA_D
ClientSampled :

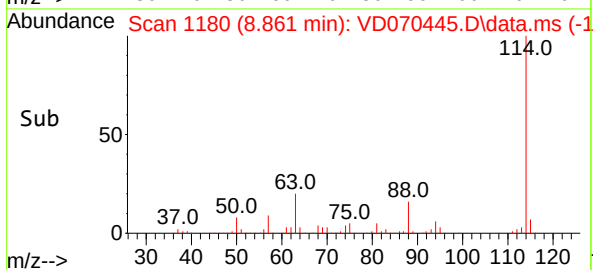
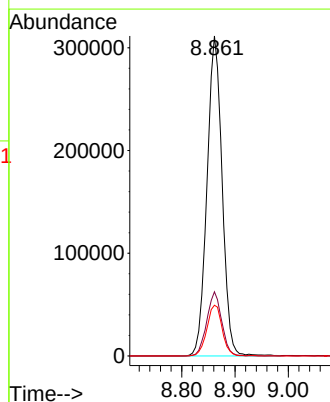
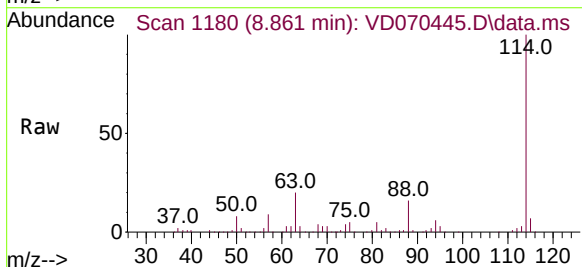
Tgt Ion: 65 Resp: 218908
Ion Ratio Lower Upper
65 100
67 55.2 0.0 111.4

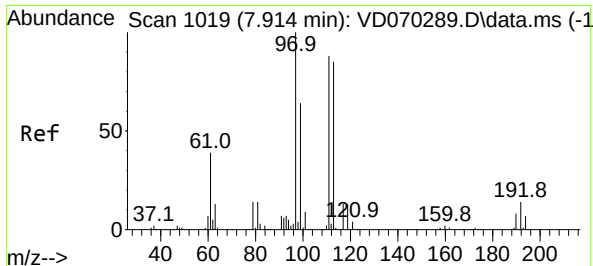


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070445.D
Acq: 24 Sep 2021 10:44

Tgt Ion:114 Resp: 613263
Ion Ratio Lower Upper
114 100
63 20.1 0.0 43.4
88 15.8 0.0 33.4





#35

Dibromofluoromethane

Concen: 50.777 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD070445.D

Acq: 24 Sep 2021 10:44

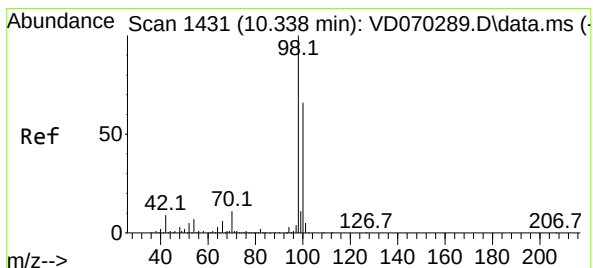
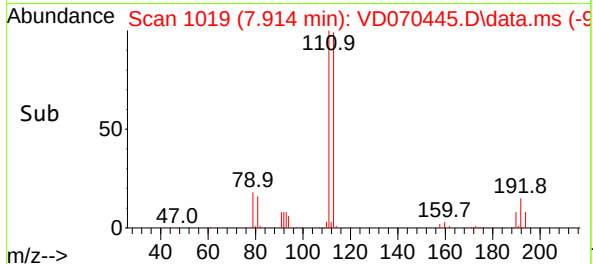
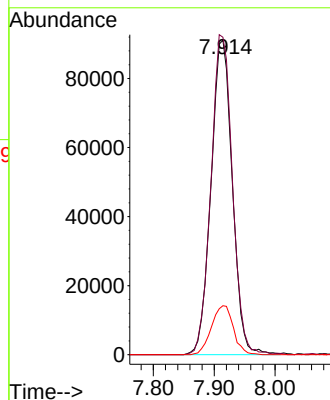
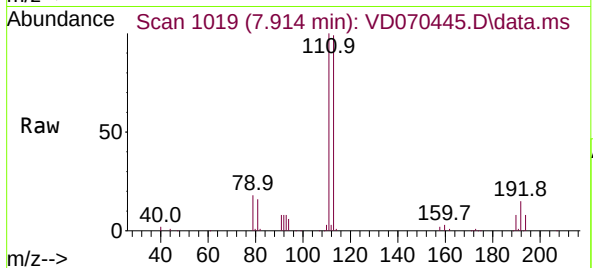
Tgt Ion:113 Resp: 221658

Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.2

192 16.0 13.0 19.6



#50

Toluene-d8

Concen: 46.354 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VD070445.D

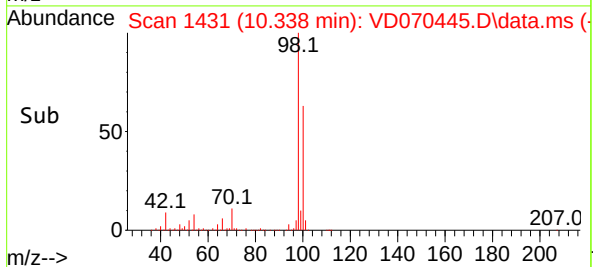
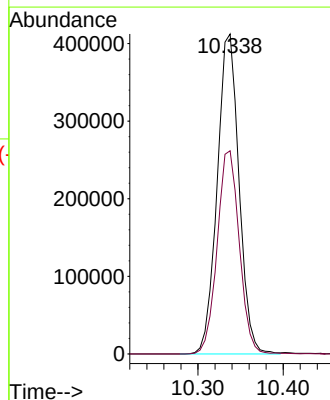
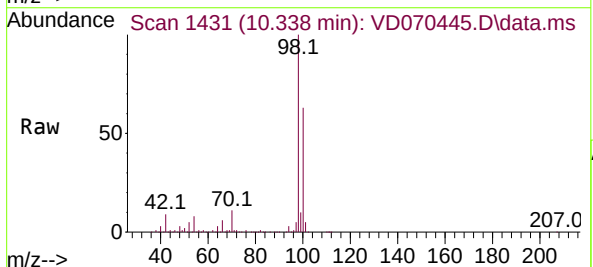
Acq: 24 Sep 2021 10:44

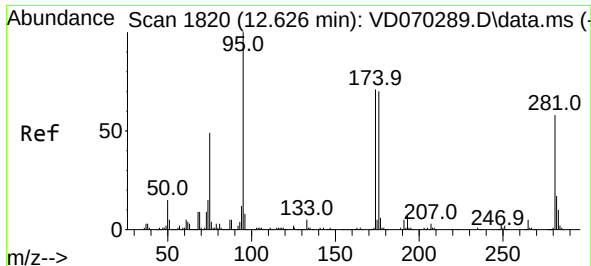
Tgt Ion: 98 Resp: 734672

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0

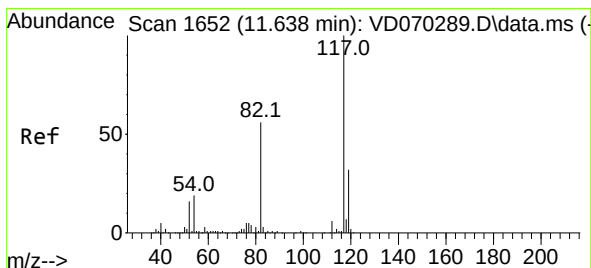
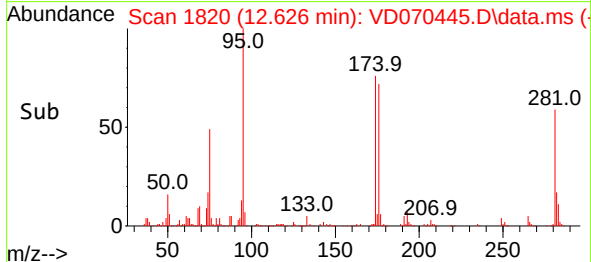
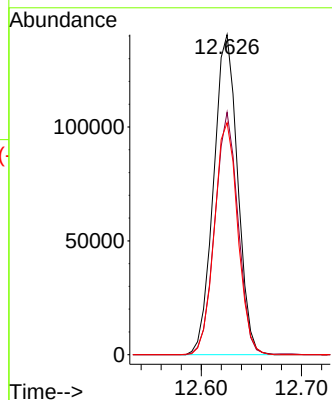
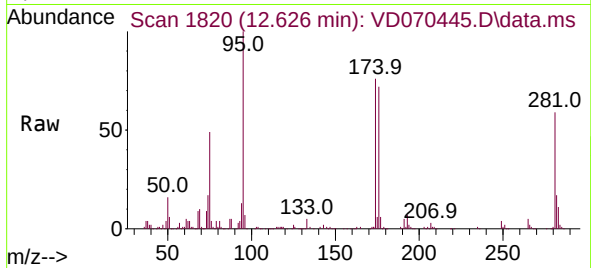




#62
4-Bromofluorobenzene
Concen: 42.190 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070445.D
Acq: 24 Sep 2021 10:44

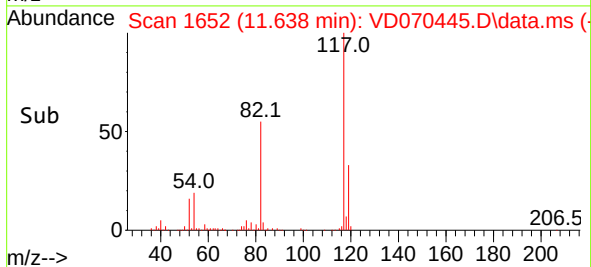
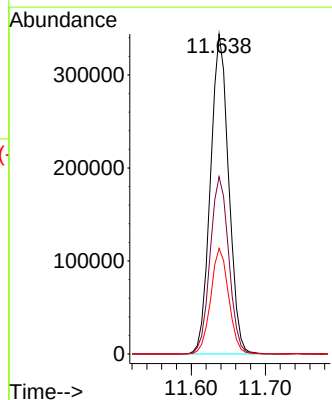
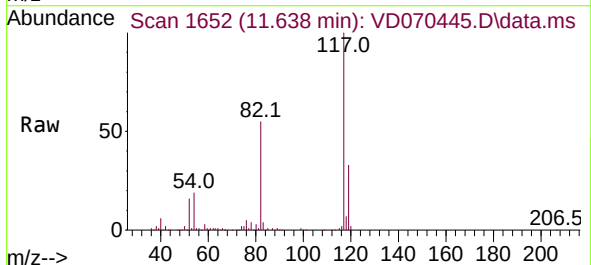
Instrument :
MSVOA_D
ClientSampleId :

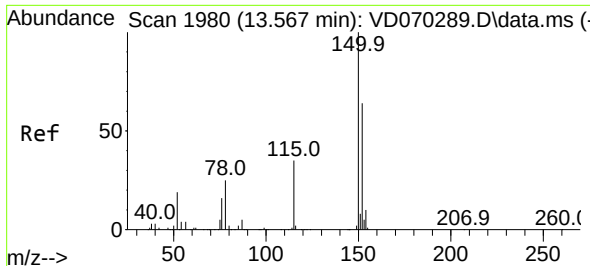
Tgt Ion: 95 Resp: 233695
Ion Ratio Lower Upper
95 100
174 73.0 0.0 140.6
176 70.9 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070445.D
Acq: 24 Sep 2021 10:44

Tgt Ion: 117 Resp: 587023
Ion Ratio Lower Upper
117 100
82 55.4 45.0 67.4
119 33.0 25.2 37.8

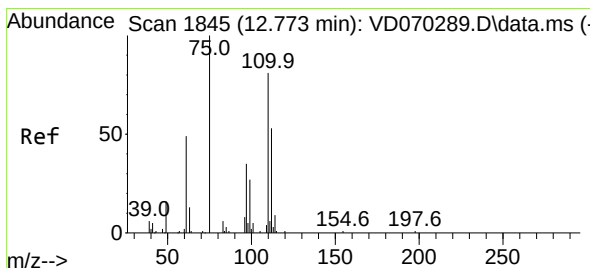
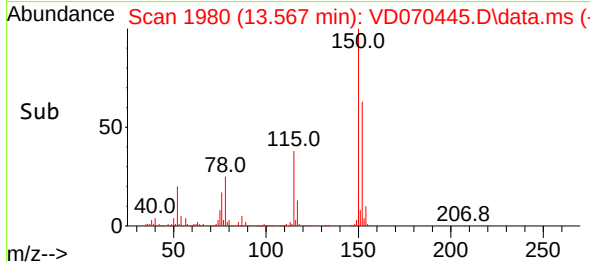
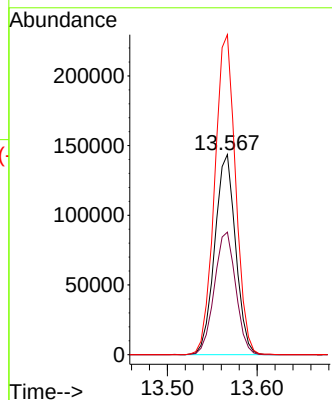
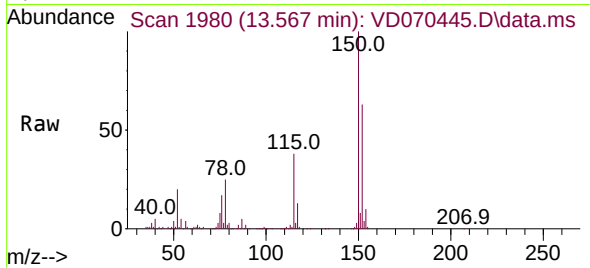




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD070445.D
 Acq: 24 Sep 2021 10:44

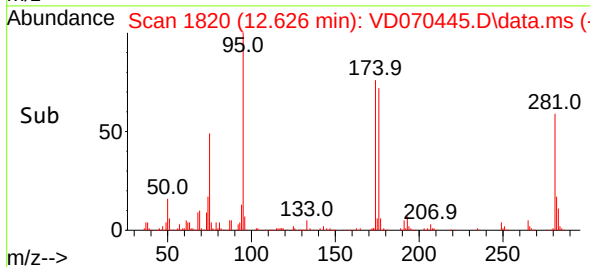
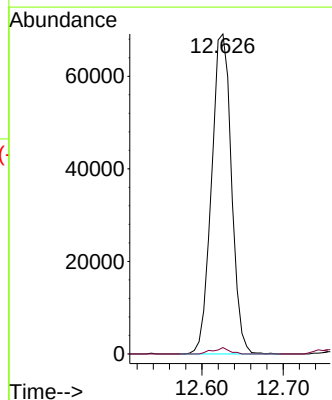
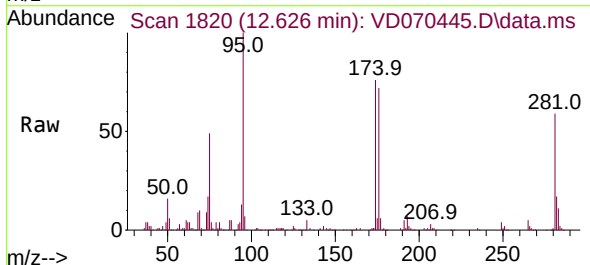
Instrument :
 MSVOA_D
 ClientSampled :

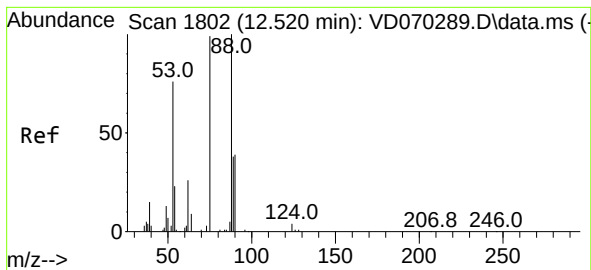
Tgt Ion:152 Resp: 232236
 Ion Ratio Lower Upper
 152 100
 115 62.7 32.1 96.3
 150 159.8 0.0 350.6



#76
 1,2,3-Trichloropropane
 Concen: 50.151 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD070445.D
 Acq: 24 Sep 2021 10:44

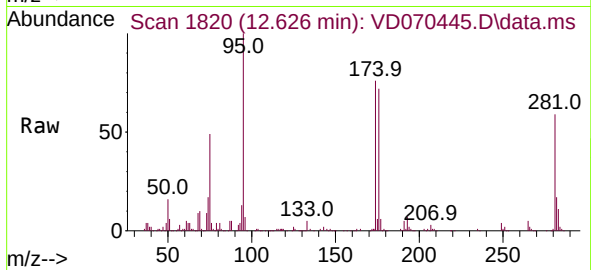
Tgt Ion: 75 Resp: 117810
 Ion Ratio Lower Upper
 75 100
 77 1.6 174.9 524.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 125.658 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.106 min
 Lab File: VD070445.D
 Acq: 24 Sep 2021 10:44

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 117810
 Ion Ratio Lower Upper
 75 100
 53 0.4 64.2 96.2#
 89 0.6 35.6 53.4#

