

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092421\
 Data File : VD070464.D
 Acq On : 24 Sep 2021 19:36
 Operator : VA/SY
 Sample : M3908-05
 Misc : 6.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 25 03:10:10 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)

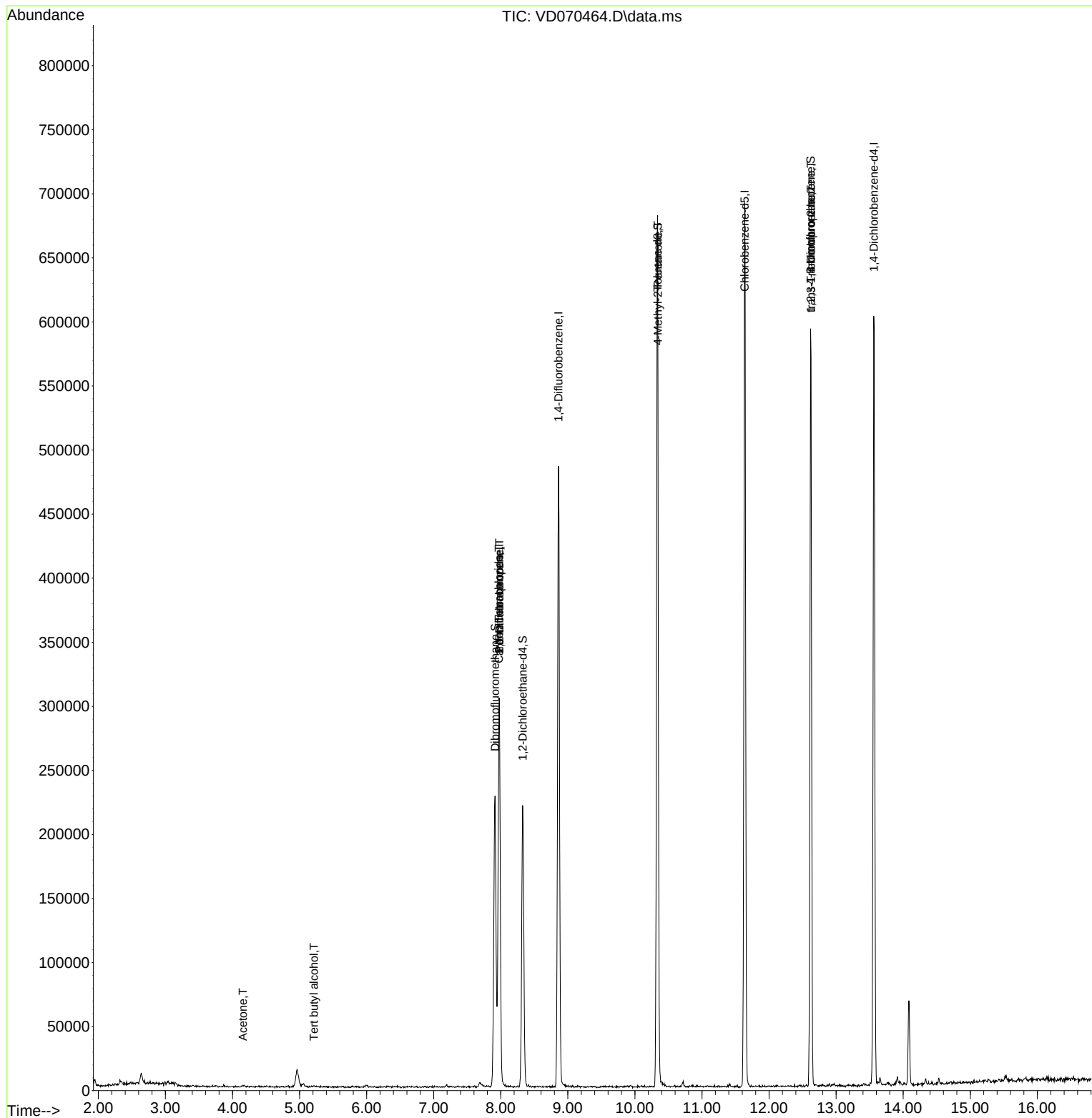
Internal Standards						
1) Pentafluorobenzene	7.979	168	211825	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	423038	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	418656	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	168617	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	175367	64.476	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.960%	
35) Dibromofluoromethane	7.914	113	166683	55.354	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.700%	
50) Toluene-d8	10.338	98	483182	44.194	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 88.380%	
62) 4-Bromofluorobenzene	12.620	95	157959	41.340	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 82.680%	
Target Compounds						
3) Chloromethane	2.215	50	361	Below Cal	#	Qvalue 42
5) Bromomethane	2.785	94	513	Below Cal		88
6) Chloroethane	2.979	64	68	Below Cal	#	43
11) Tert butyl alcohol	5.214	59	1293	4.204	ug/l #	100
16) Acetone	4.156	43	1123	2.313	ug/l #	64
18) Methyl Acetate	4.979	43	168	Below Cal	#	48
20) Methylene Chloride	4.961	84	10722	Below Cal		91
36) 1,1-Dichloropropene	7.979	75	18921	4.184	ug/l #	49
38) Carbon Tetrachloride	7.973	117	21855	4.887	ug/l #	19
51) 4-Methyl-2-Pentanone	10.344	43	1752	1.083	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	77930	45.691	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	77930	114.483	ug/l #	17

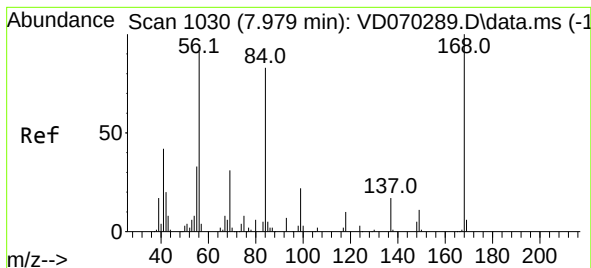
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 25 03:10:10 2021
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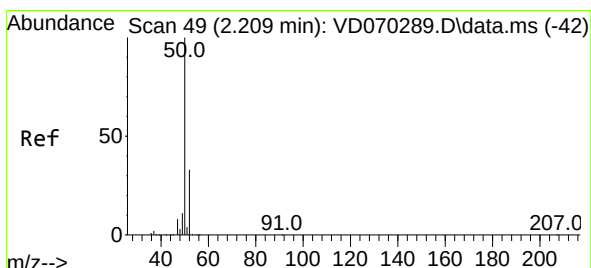
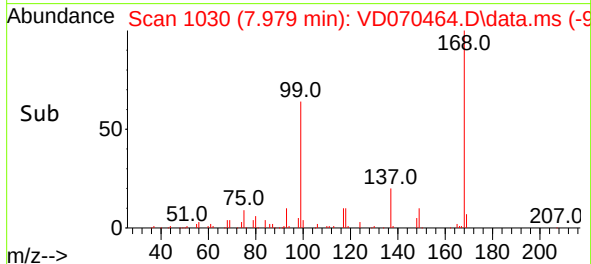
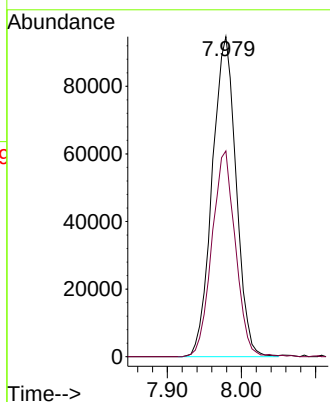
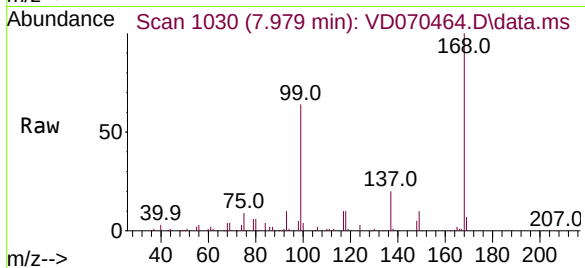




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070464.D
Acq: 24 Sep 2021 19:36

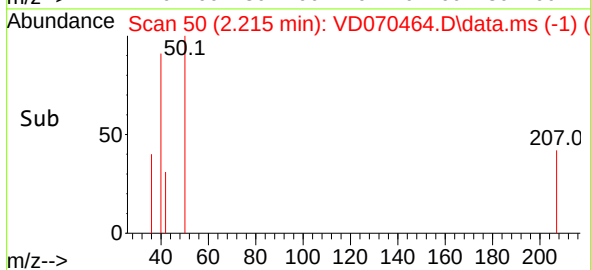
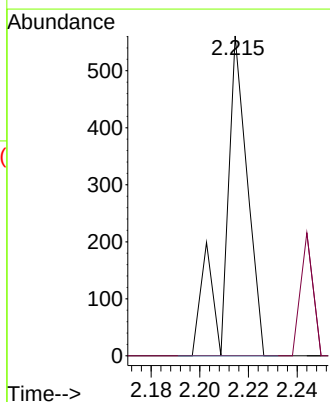
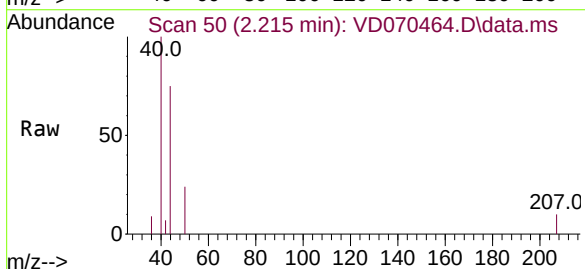
Instrument :
MSVOA_D
ClientSampled :

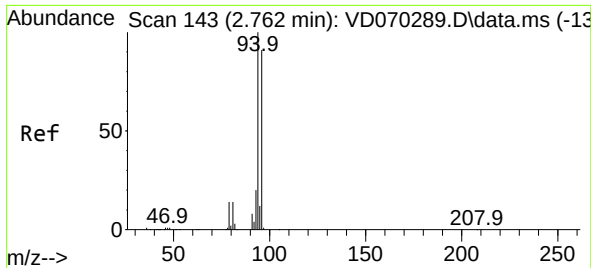
Tgt Ion:168 Resp: 211825
Ion Ratio Lower Upper
168 100
99 64.3 50.8 76.2



#3
Chloromethane
Concen: Below Cal
RT: 2.215 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD070464.D
Acq: 24 Sep 2021 19:36

Tgt Ion: 50 Resp: 361
Ion Ratio Lower Upper
50 100
52 0.0 26.2 39.2#

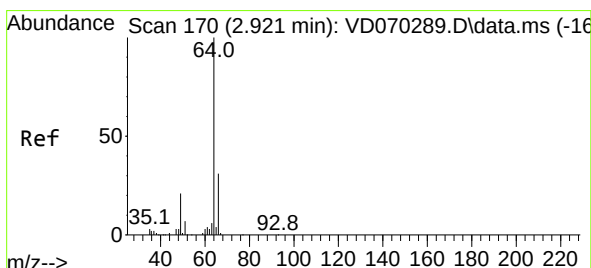
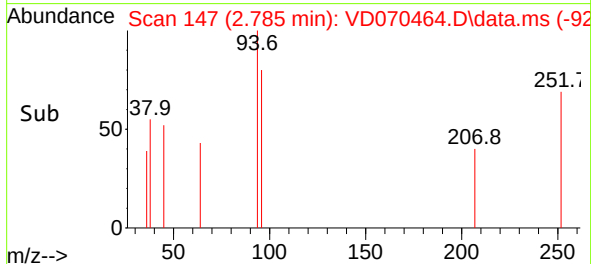
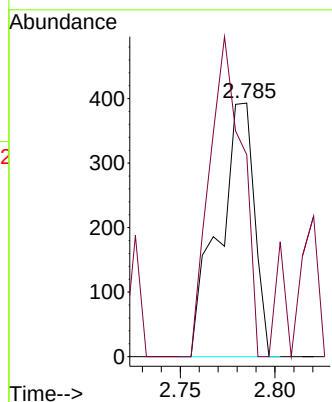
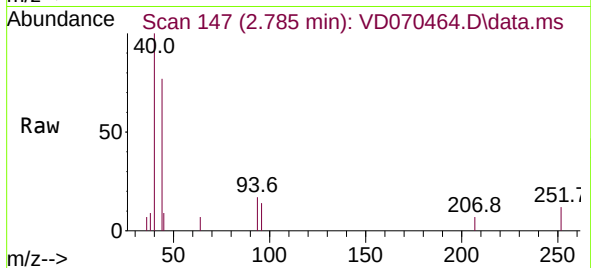




#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.023 min
Lab File: VD070464.D
Acq: 24 Sep 2021 19:36

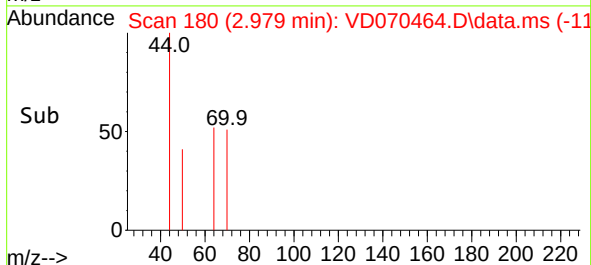
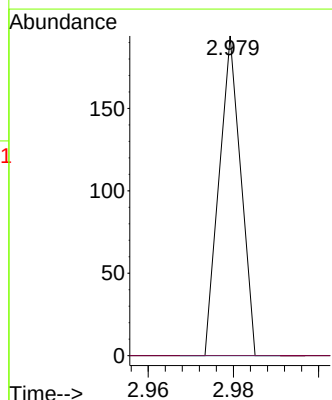
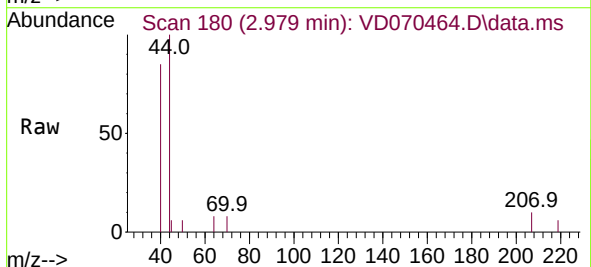
Instrument :
MSVOA_D
ClientSampleId :

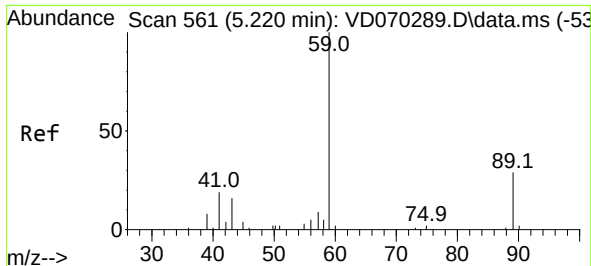
Tgt Ion: 94 Resp: 513
Ion Ratio Lower Upper
94 100
96 79.6 73.0 109.6



#6
Chloroethane
Concen: Below Cal
RT: 2.979 min Scan# 180
Delta R.T. 0.058 min
Lab File: VD070464.D
Acq: 24 Sep 2021 19:36

Tgt Ion: 64 Resp: 68
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#

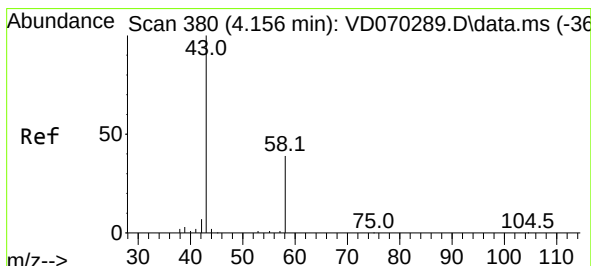
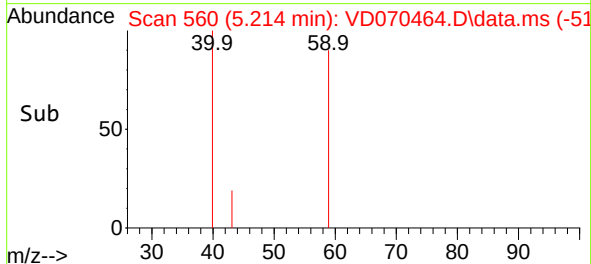
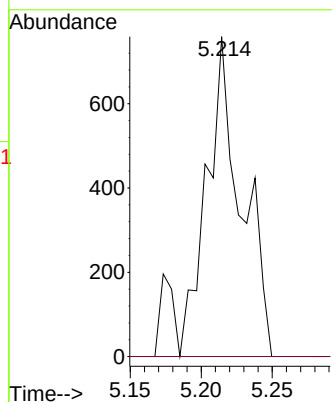
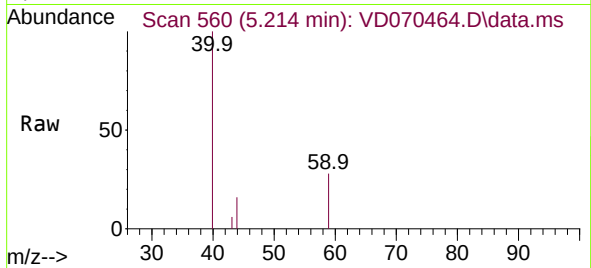




#11
Tert butyl alcohol
Concen: 4.204 ug/l
RT: 5.214 min Scan# 560
Delta R.T. -0.006 min
Lab File: VD070464.D
Acq: 24 Sep 2021 19:36

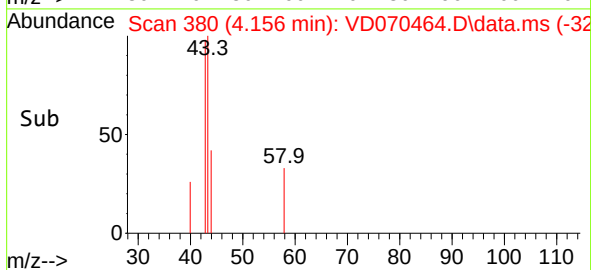
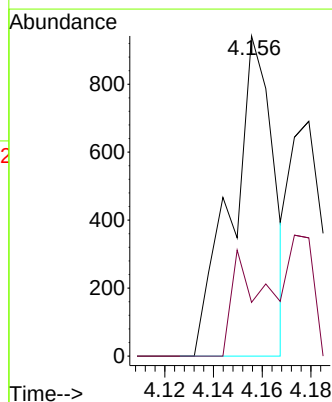
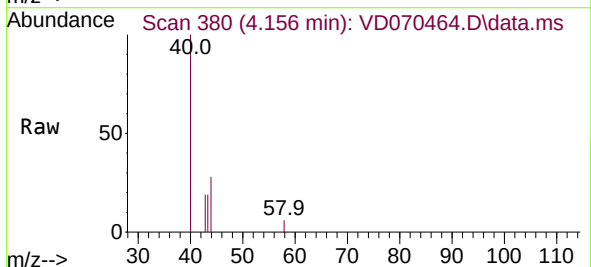
Instrument :
MSVOA_D
ClientSampled :

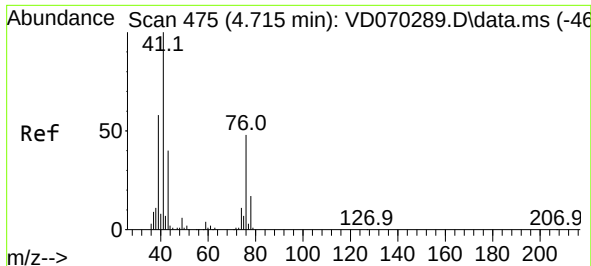
Tgt Ion: 59 Resp: 1293
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0



#16
Acetone
Concen: 2.313 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070464.D
Acq: 24 Sep 2021 19:36

Tgt Ion: 43 Resp: 1123
Ion Ratio Lower Upper
43 100
58 16.8 30.9 46.3#

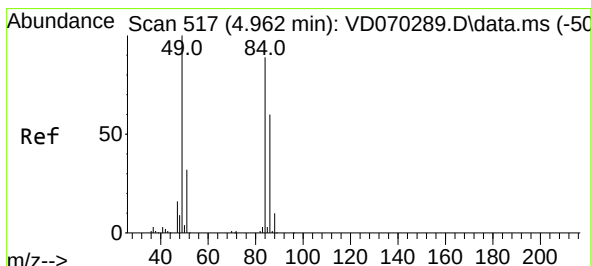
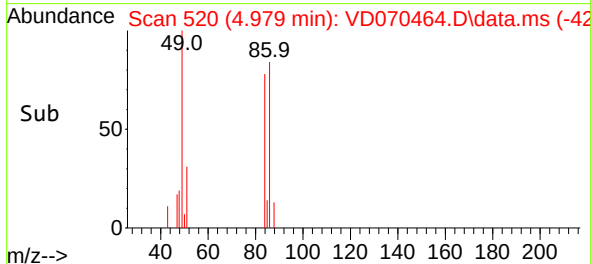
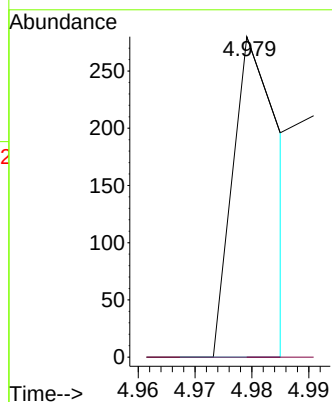
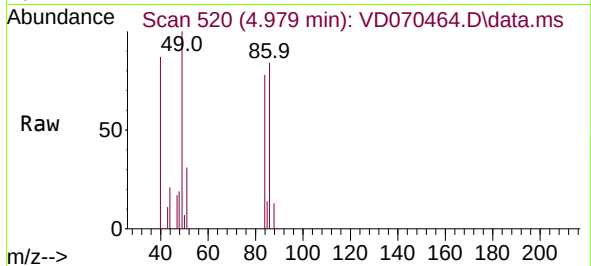




#18
Methyl Acetate
Concen: Below Cal
RT: 4.979 min Scan# 520
Delta R.T. 0.264 min
Lab File: VD070464.D
Acq: 24 Sep 2021 19:36

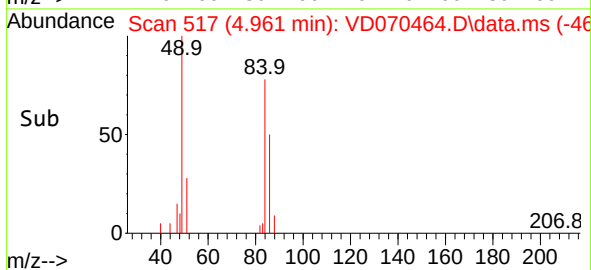
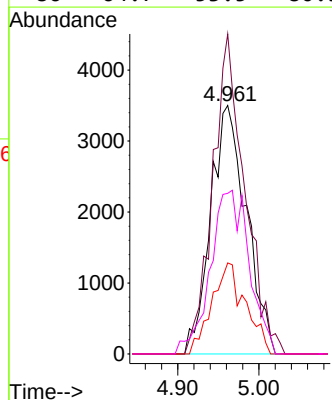
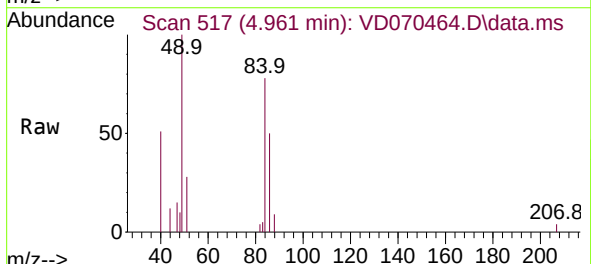
Instrument :
MSVOA_D
ClientSampled :

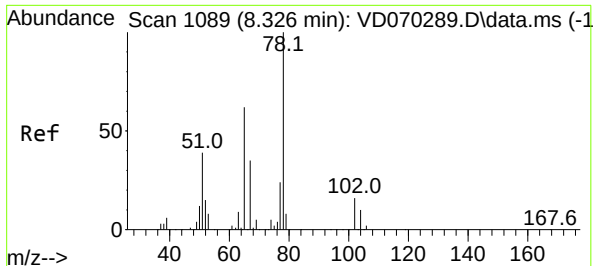
Tgt Ion: 43 Resp: 168
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD070464.D
Acq: 24 Sep 2021 19:36

Tgt Ion: 84 Resp: 10722
Ion Ratio Lower Upper
84 100
49 128.8 89.6 134.4
51 36.6 28.6 43.0
86 64.7 53.5 80.3



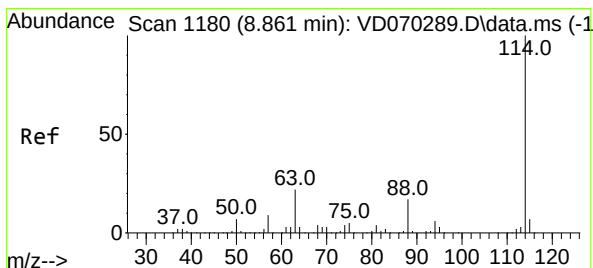
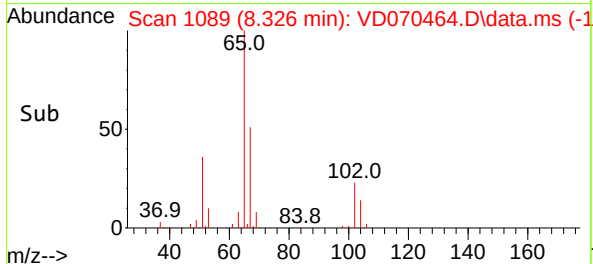
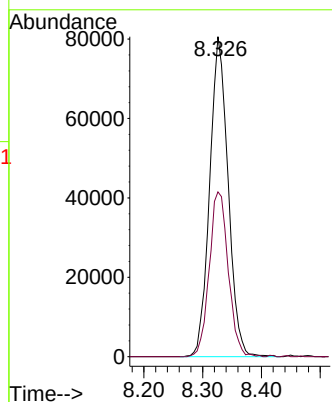
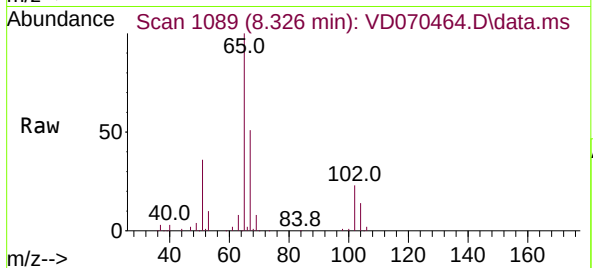


#33

1,2-Dichloroethane-d4
Concen: 64.476 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070464.D
Acq: 24 Sep 2021 19:36

Instrument :
MSVOA_D
ClientSampled :

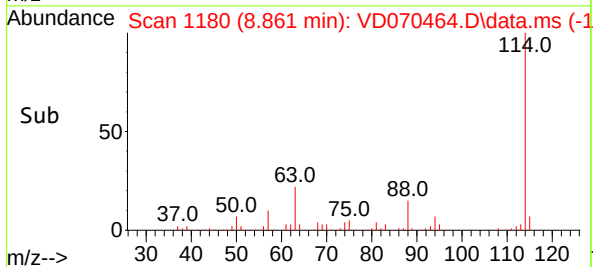
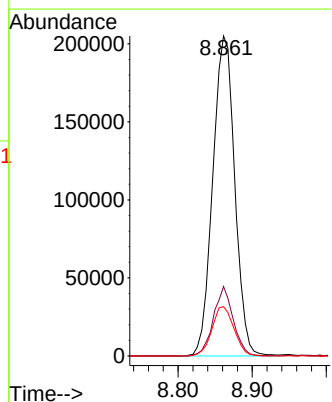
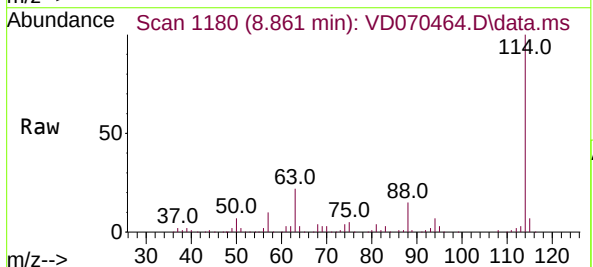
Tgt Ion: 65 Resp: 175367
Ion Ratio Lower Upper
65 100
67 53.1 0.0 111.4

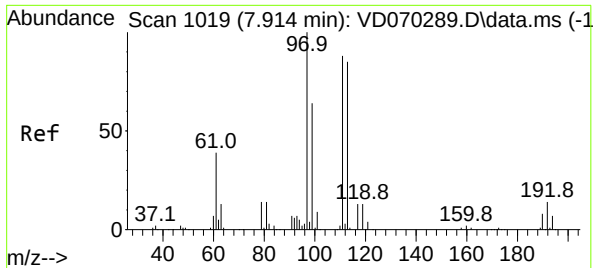


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070464.D
Acq: 24 Sep 2021 19:36

Tgt Ion:114 Resp: 423038
Ion Ratio Lower Upper
114 100
63 21.7 0.0 43.4
88 15.4 0.0 33.4

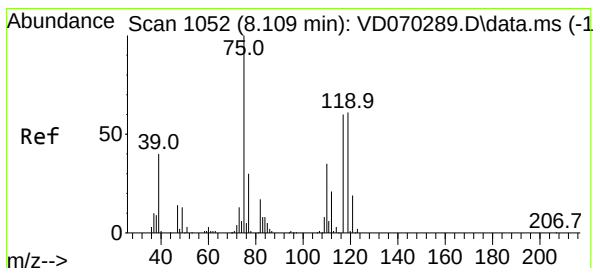
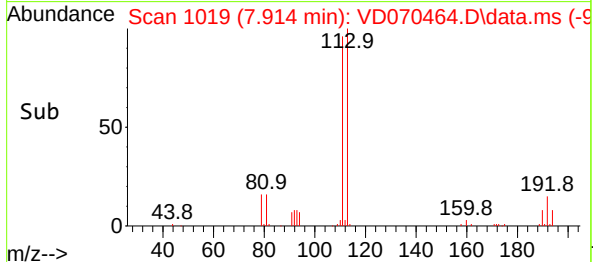
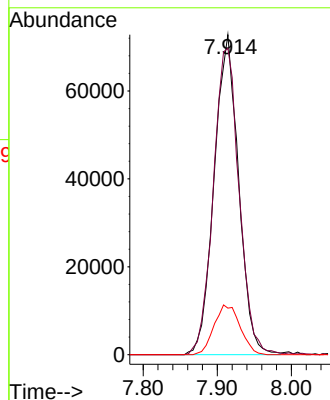
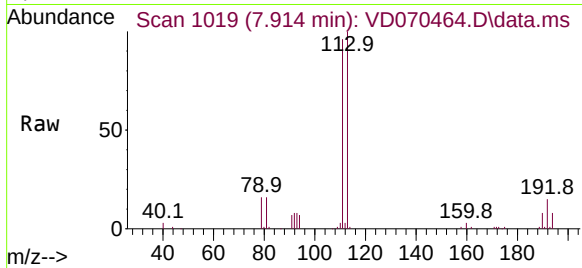




#35
Dibromofluoromethane
Concen: 55.354 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070464.D
Acq: 24 Sep 2021 19:36

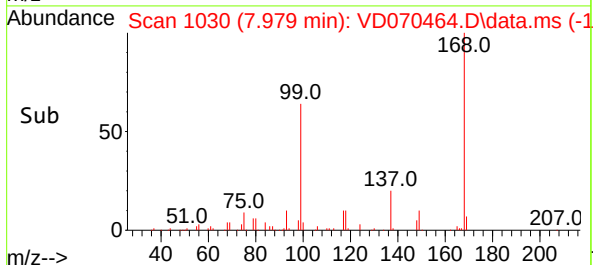
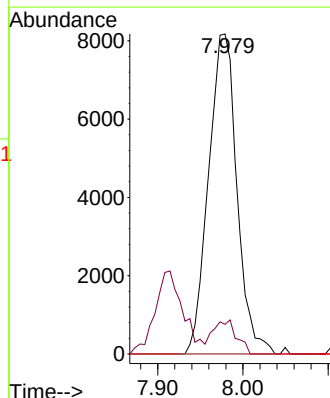
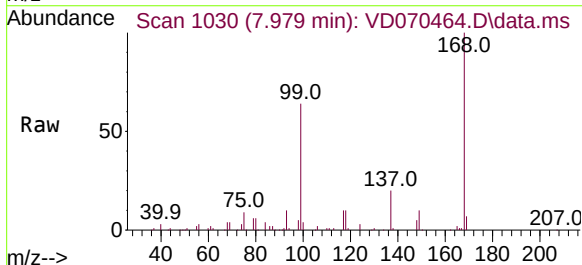
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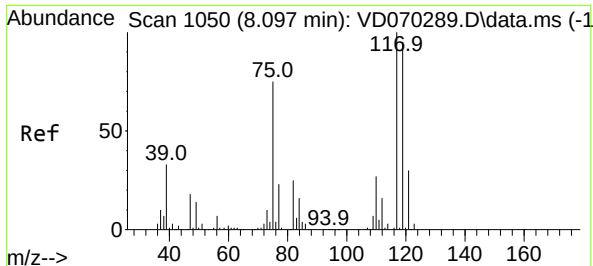
Tgt Ion:113 Resp: 166683
Ion Ratio Lower Upper
113 100
111 101.5 81.4 122.2
192 16.6 13.0 19.6



#36
1,1-Dichloropropene
Concen: 4.184 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.130 min
Lab File: VD070464.D
Acq: 24 Sep 2021 19:36

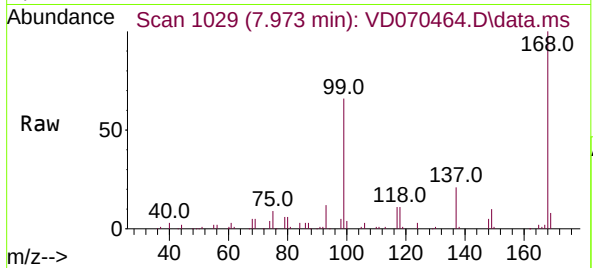
Tgt Ion: 75 Resp: 18921
Ion Ratio Lower Upper
75 100
110 8.8 17.9 53.7#
77 0.0 25.3 37.9#



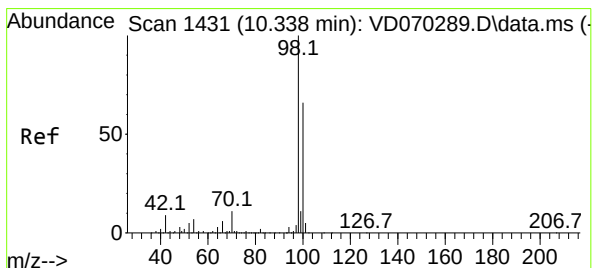
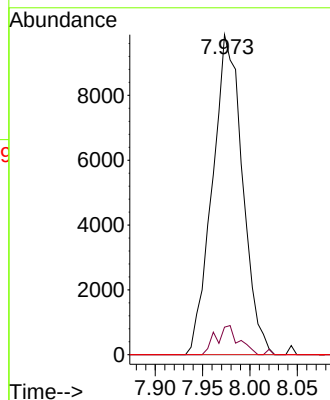
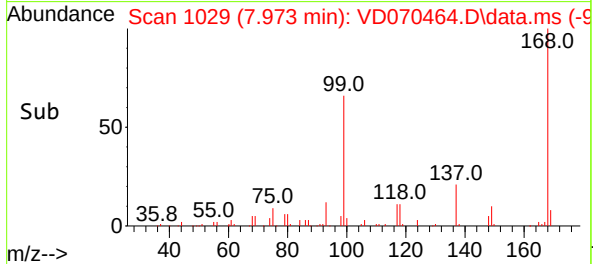


#38
Carbon Tetrachloride
Concen: 4.887 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD070464.D
Acq: 24 Sep 2021 19:36

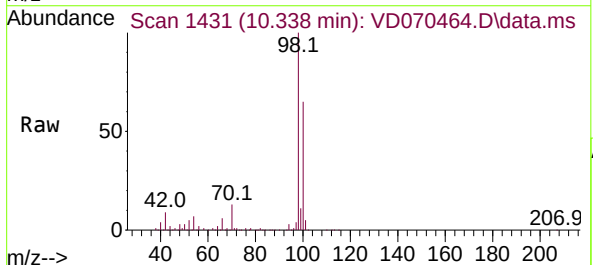
Instrument :
MSVOA_D
ClientSampleId :



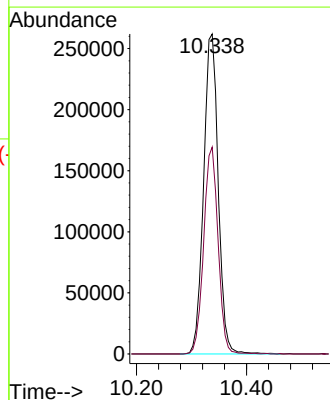
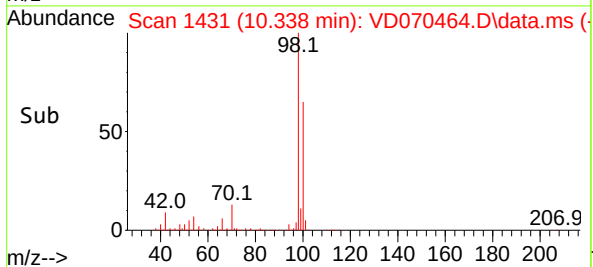
Tgt Ion:117 Resp: 21855
Ion Ratio Lower Upper
117 100
119 8.6 76.1 114.1#
121 0.0 23.8 35.6#

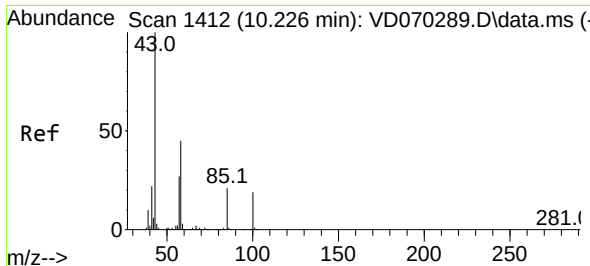


#50
Toluene-d8
Concen: 44.194 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070464.D
Acq: 24 Sep 2021 19:36



Tgt Ion: 98 Resp: 483182
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0

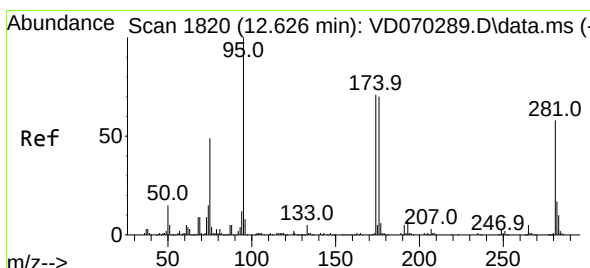
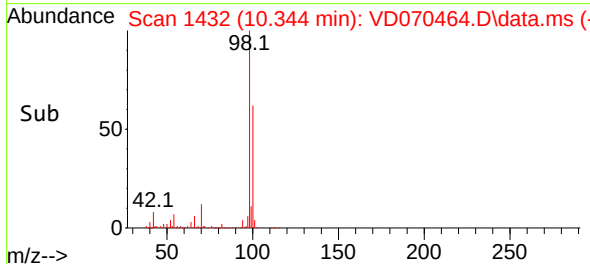
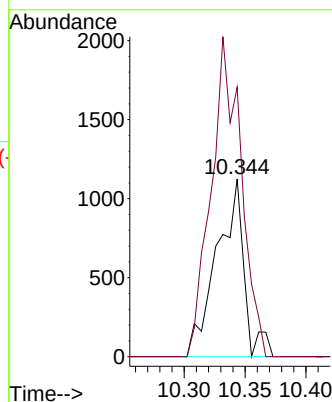
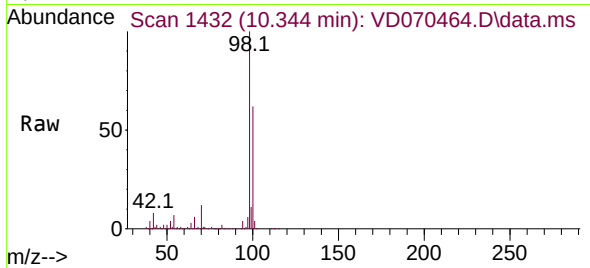




#51
4-Methyl-2-Pentanone
Concen: 1.083 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.117 min
Lab File: VD070464.D
Acq: 24 Sep 2021 19:36

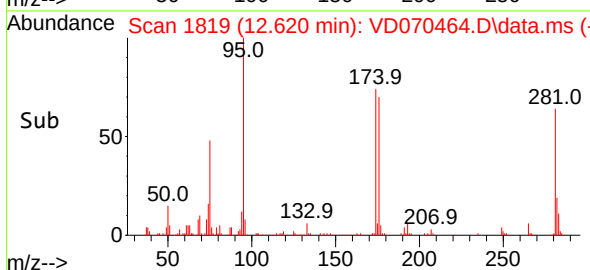
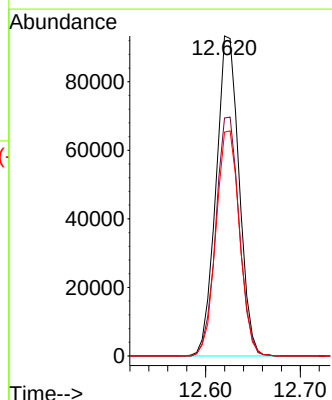
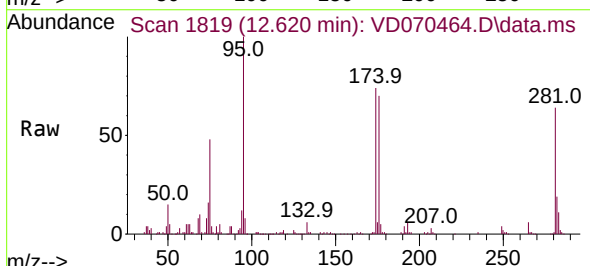
Instrument :
MSVOA_D
ClientSampleId :

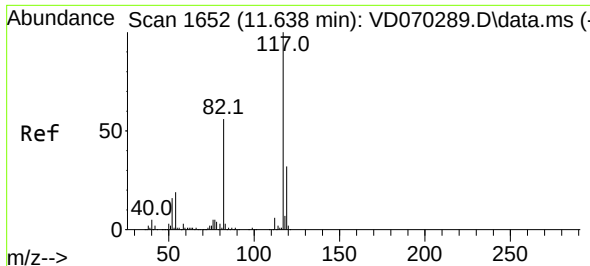
Tgt Ion: 43 Resp: 1752
Ion Ratio Lower Upper
43 100
58 197.8 35.4 53.2#



#62
4-Bromofluorobenzene
Concen: 41.340 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070464.D
Acq: 24 Sep 2021 19:36

Tgt Ion: 95 Resp: 157959
Ion Ratio Lower Upper
95 100
174 75.3 0.0 140.6
176 72.0 0.0 137.4

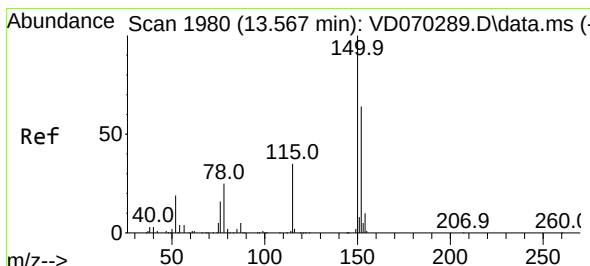
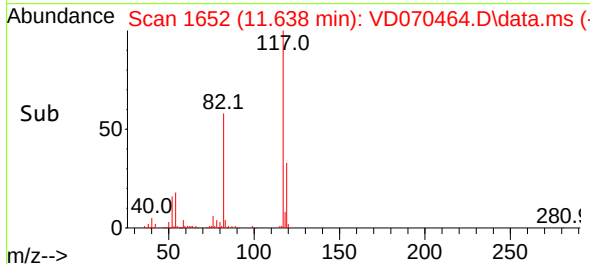
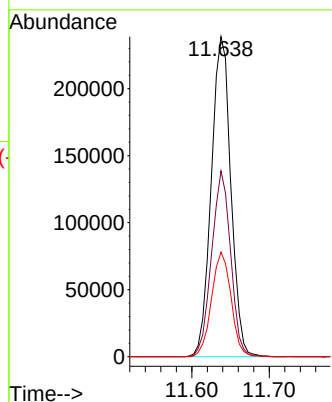
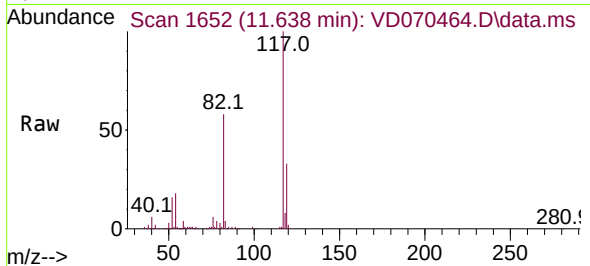




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070464.D
Acq: 24 Sep 2021 19:36

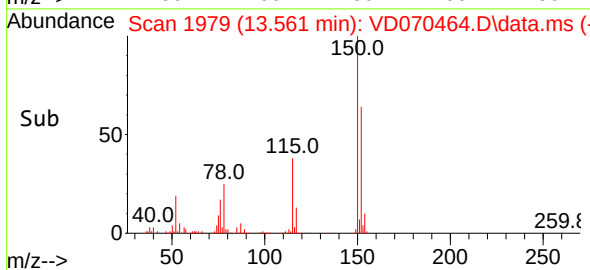
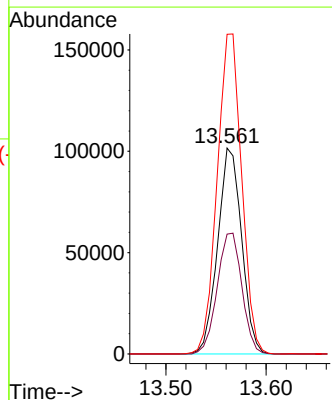
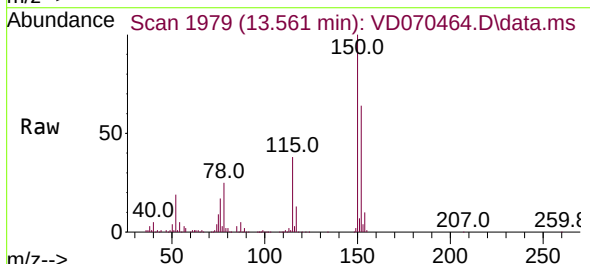
Instrument :
MSVOA_D
ClientSampleId :

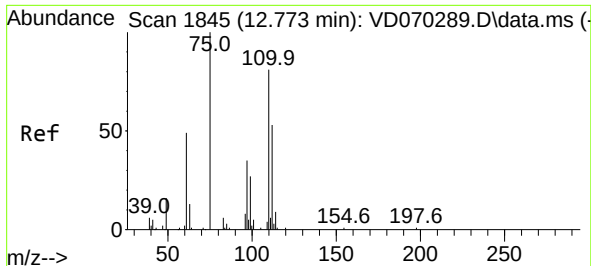
Tgt Ion:117 Resp: 418656
Ion Ratio Lower Upper
117 100
82 58.0 45.0 67.4
119 32.6 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD070464.D
Acq: 24 Sep 2021 19:36

Tgt Ion:152 Resp: 168617
Ion Ratio Lower Upper
152 100
115 60.3 32.1 96.3
150 158.9 0.0 350.6

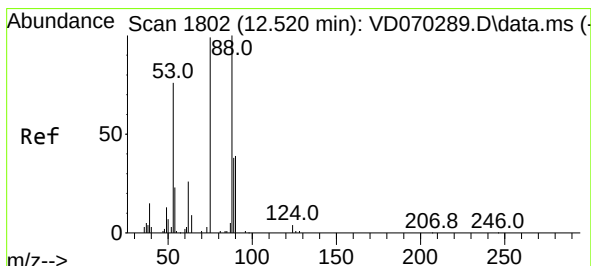
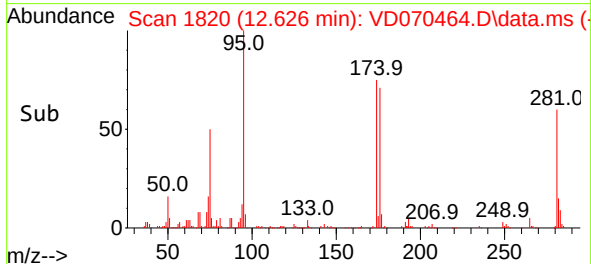
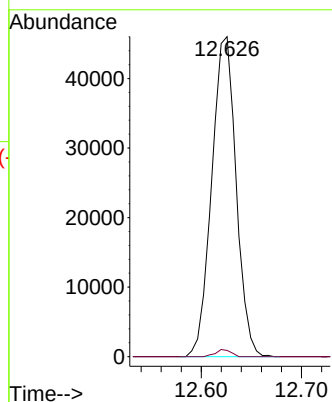
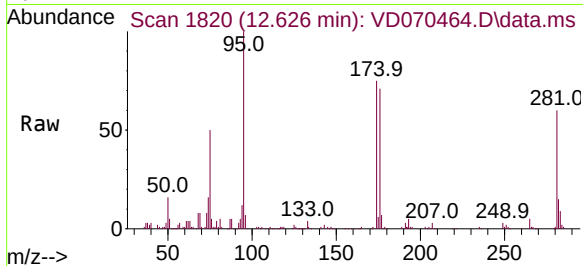




#76
1,2,3-Trichloropropane
Concen: 45.691 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070464.D
Acq: 24 Sep 2021 19:36

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75 Resp: 77930
Ion Ratio Lower Upper
75 100
77 1.4 174.9 524.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 114.483 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070464.D
Acq: 24 Sep 2021 19:36

Tgt Ion: 75 Resp: 77930
Ion Ratio Lower Upper
75 100
53 0.2 64.2 96.2#
89 0.1 35.6 53.4#

