

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD093021\
 Data File : VD070540.D
 Acq On : 30 Sep 2021 14:52
 Operator : VA/SY
 Sample : M3975-07RE
 Misc : 7.72G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 01 02:04:40 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)

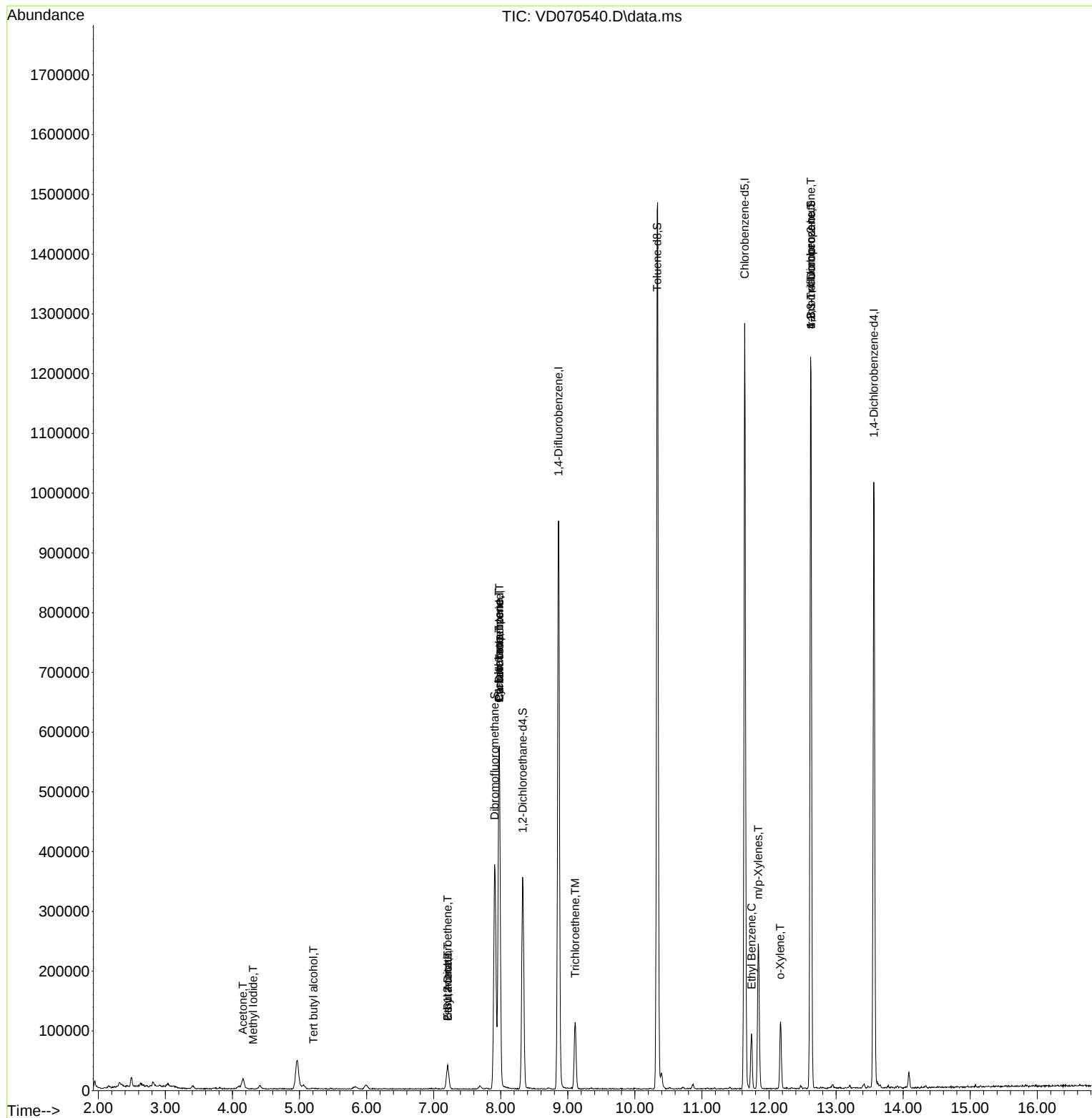
Internal Standards						
1) Pentafluorobenzene	7.979	168	413324	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	826470	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	733052	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	273796	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	276259	52.054	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.100%
35) Dibromofluoromethane	7.909	113	282816	48.074	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.140%
50) Toluene-d8	10.332	98	1047386	49.036	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.080%
62) 4-Bromofluorobenzene	12.626	95	329720	44.170	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.340%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.997	85	336	Below Cal	#	43
3) Chloromethane	2.209	50	824	Below Cal	#	7
5) Bromomethane	2.773	94	941	Below Cal	#	34
6) Chloroethane	2.915	64	54	Below Cal	#	43
10) Methyl Iodide	4.309	142	189	1.065	ug/l #	39
11) Tert butyl alcohol	5.209	59	2553	4.254	ug/l #	100
16) Acetone	4.156	43	29645	31.287	ug/l	95
18) Methyl Acetate	4.709	43	276	Below Cal	#	48
20) Methylene Chloride	4.962	84	40315	Below Cal		93
25) 2-Butanone	7.209	43	8116	6.435	ug/l #	82
27) cis-1,2-Dichloroethene	7.209	96	20028	3.255	ug/l	84
31) Cyclohexane	7.973	56	9376	1.026	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	36421	4.123	ug/l #	49
37) Ethyl Acetate	7.209	43	8116	2.457	ug/l #	1
38) Carbon Tetrachloride	7.979	117	47030	5.383	ug/l #	15
44) Trichloroethene	9.108	130	40809	6.596	ug/l	91
67) Ethyl Benzene	11.738	91	66262	2.530	ug/l	94
68) m/p-Xylenes	11.838	106	78474	7.758	ug/l	99
69) o-Xylene	12.167	106	31203	3.443	ug/l	98
76) 1,2,3-Trichloropropane	12.626	75	159003	57.413	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	159003	143.852	ug/l #	17

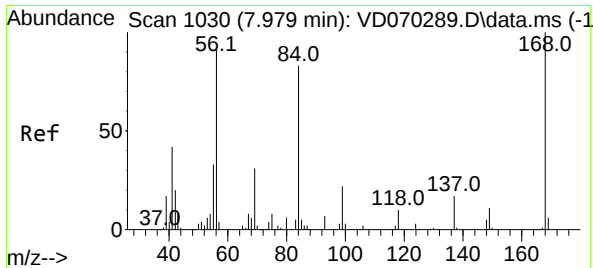
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD093021\
Data File : VD070540.D
Acq On : 30 Sep 2021 14:52
Operator : VA/SY
Sample : M3975-07RE
Misc : 7.72G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Oct 01 02:04:40 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

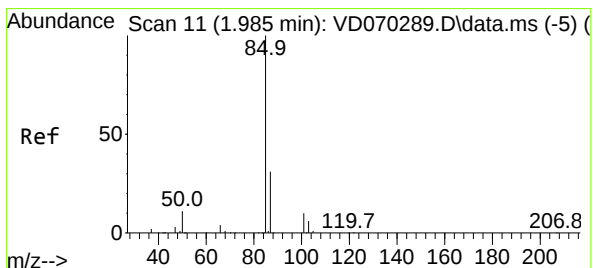
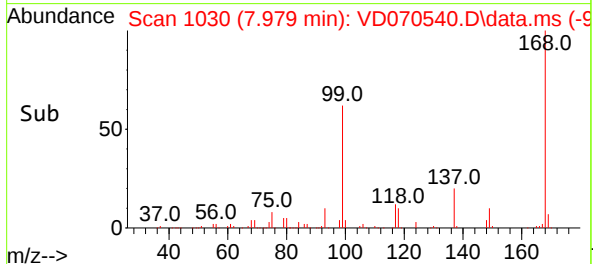
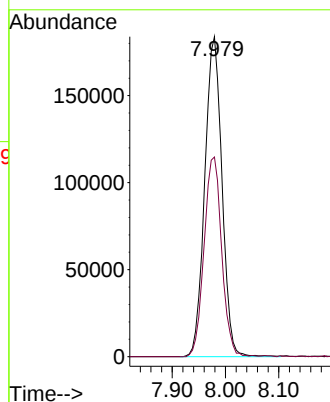
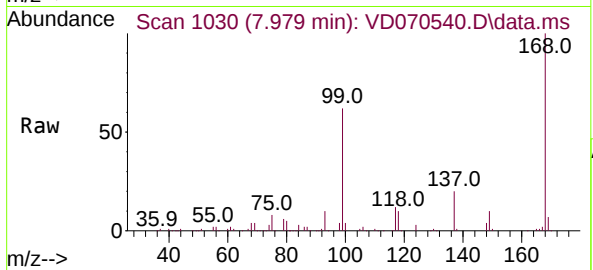




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070540.D
Acq: 30 Sep 2021 14:52

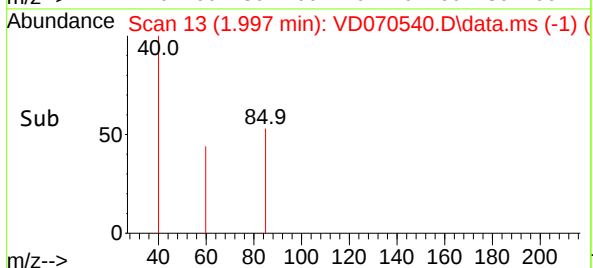
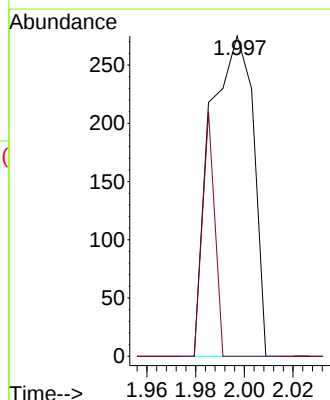
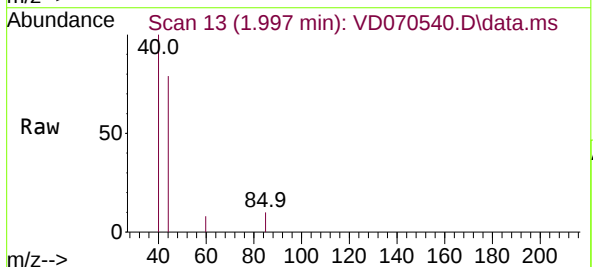
Instrument :
MSVOA_D
ClientSampleId :

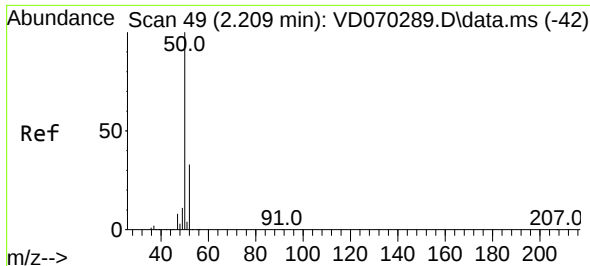
Tgt Ion:168 Resp: 413324
Ion Ratio Lower Upper
168 100
99 62.4 50.8 76.2



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.997 min Scan# 13
Delta R.T. 0.012 min
Lab File: VD070540.D
Acq: 30 Sep 2021 14:52

Tgt Ion: 85 Resp: 336
Ion Ratio Lower Upper
85 100
87 0.0 15.6 46.8#

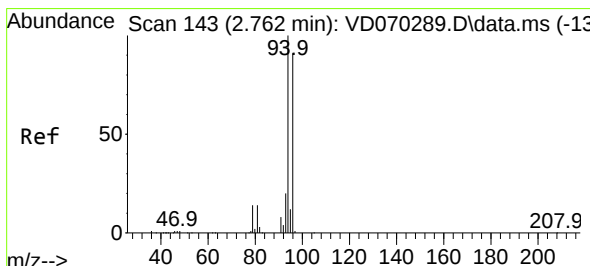
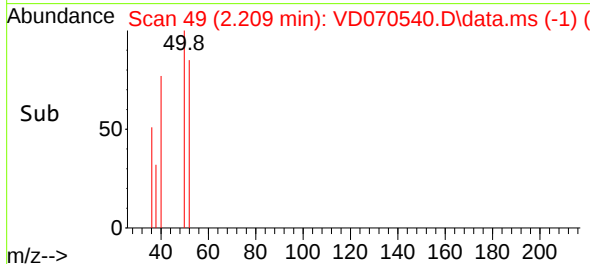
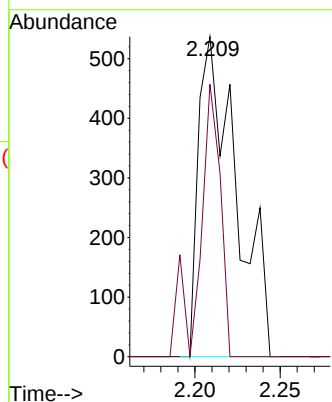
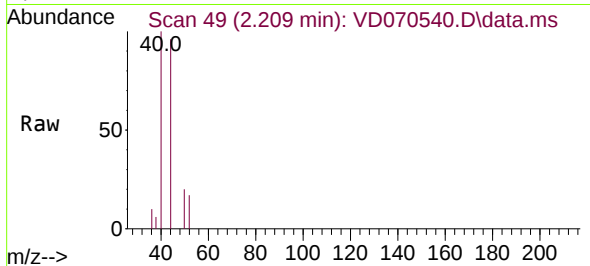




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070540.D
Acq: 30 Sep 2021 14:52

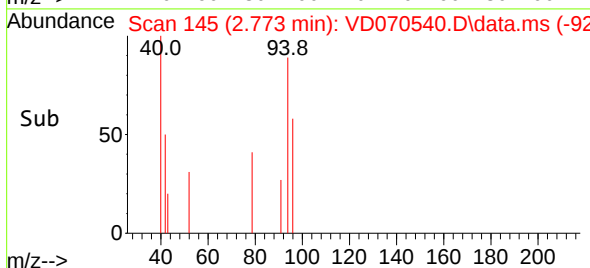
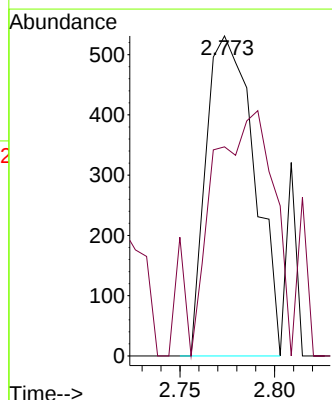
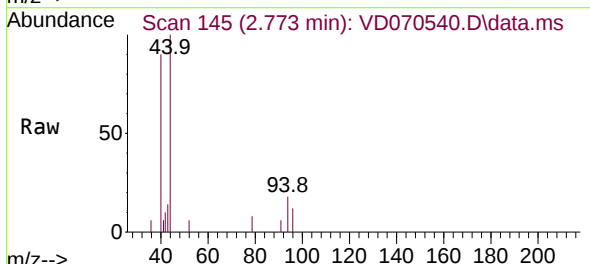
Instrument :
MSVOA_D
ClientSampled :

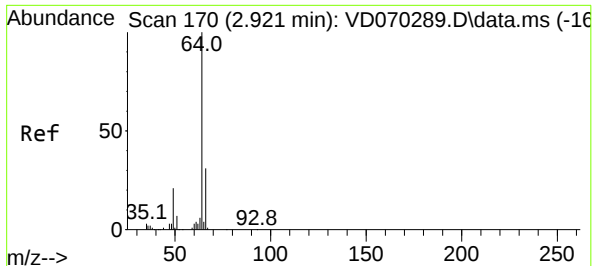
Tgt Ion: 50 Resp: 824
Ion Ratio Lower Upper
50 100
52 85.1 26.2 39.2#



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.011 min
Lab File: VD070540.D
Acq: 30 Sep 2021 14:52

Tgt Ion: 94 Resp: 941
Ion Ratio Lower Upper
94 100
96 28.2 73.0 109.6#

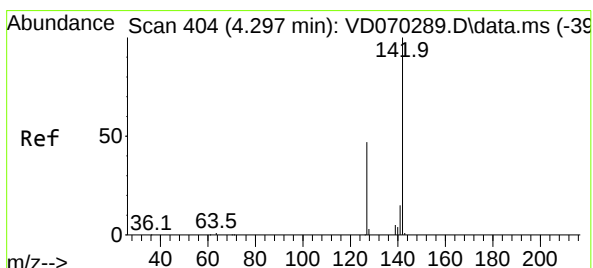
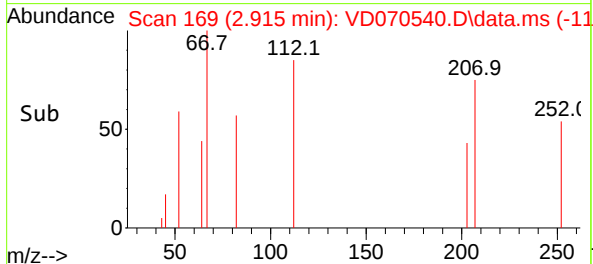
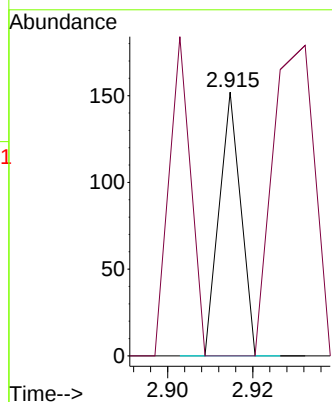
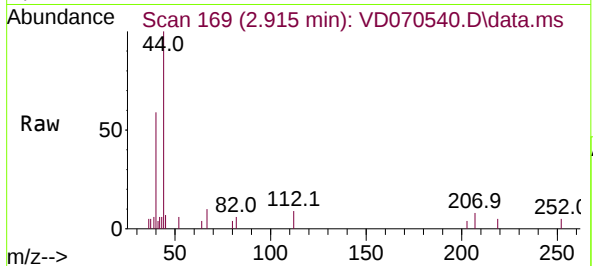




#6
Chloroethane
Concen: Below Cal
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD070540.D
Acq: 30 Sep 2021 14:52

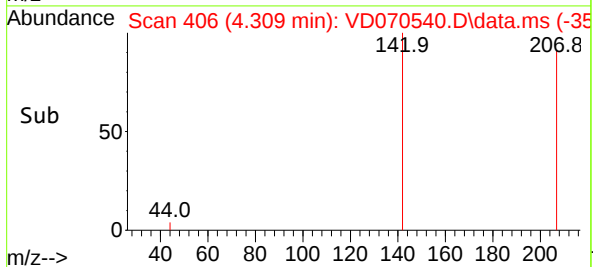
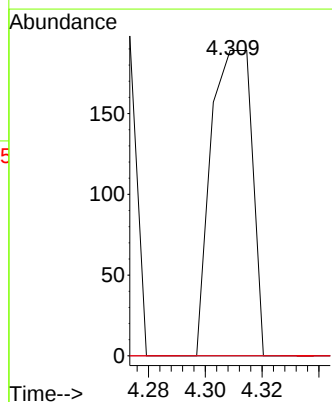
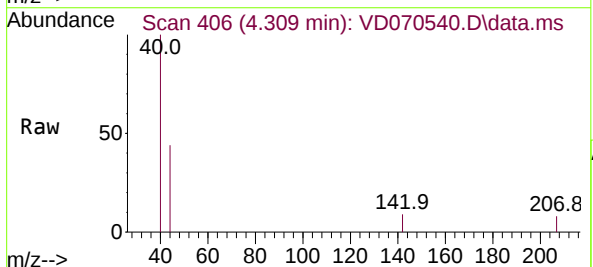
Instrument :
MSVOA_D
ClientSampleId :

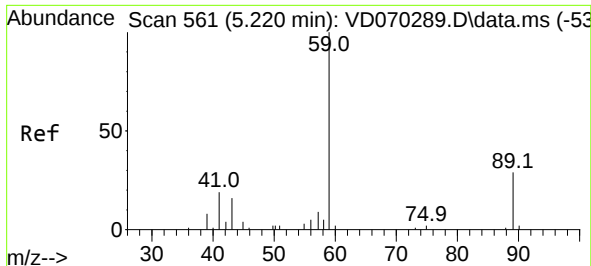
Tgt Ion: 64 Resp: 54
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#10
Methyl Iodide
Concen: 1.065 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.012 min
Lab File: VD070540.D
Acq: 30 Sep 2021 14:52

Tgt Ion: 142 Resp: 189
Ion Ratio Lower Upper
142 100
127 0.0 36.9 55.3#
141 0.0 11.8 17.6#

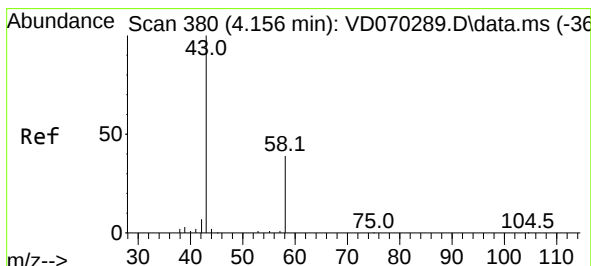
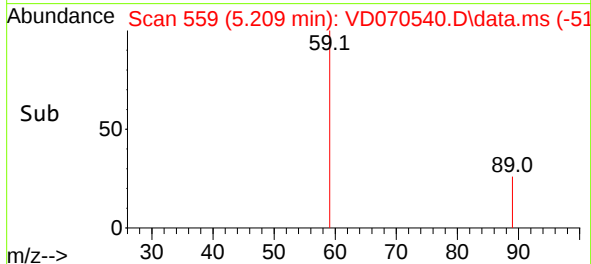
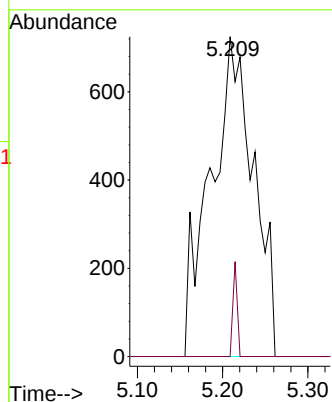
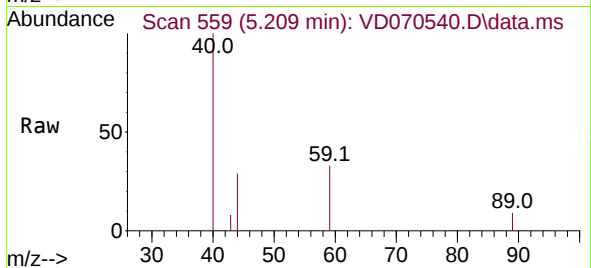




#11
Tert butyl alcohol
Concen: 4.254 ug/l
RT: 5.209 min Scan# 559
Delta R.T. -0.011 min
Lab File: VD070540.D
Acq: 30 Sep 2021 14:52

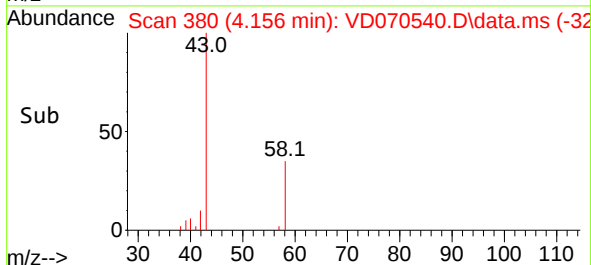
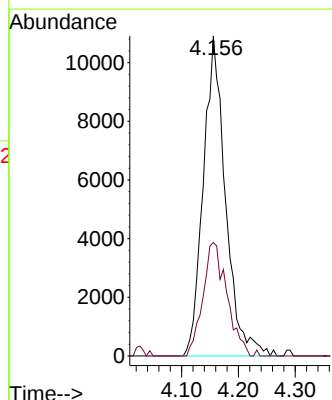
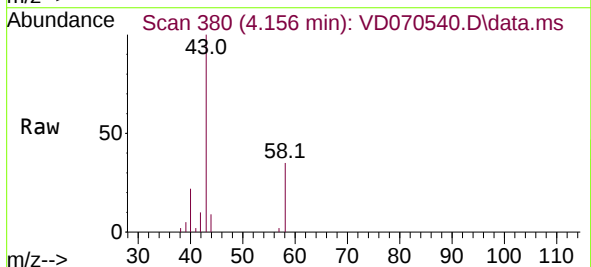
Instrument :
MSVOA_D
ClientSampled :

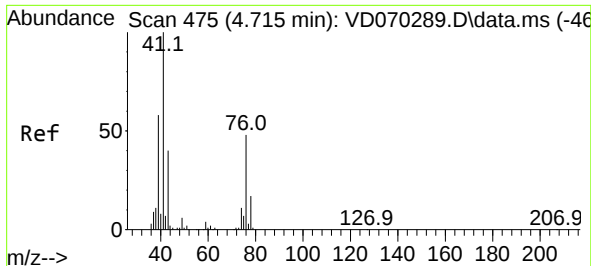
Tgt Ion: 59 Resp: 2553
Ion Ratio Lower Upper
59 100
57 3.0 0.0 0.0#



#16
Acetone
Concen: 31.287 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070540.D
Acq: 30 Sep 2021 14:52

Tgt Ion: 43 Resp: 29645
Ion Ratio Lower Upper
43 100
58 35.5 30.9 46.3





#18

Methyl Acetate

Concen: Below Cal

RT: 4.709 min Scan# 474

Delta R.T. -0.006 min

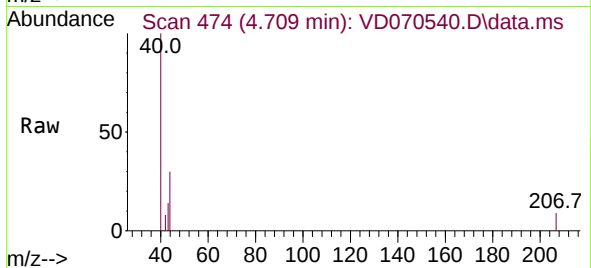
Lab File: VD070540.D

Acq: 30 Sep 2021 14:52

Instrument :

MSVOA_D

ClientSampled :

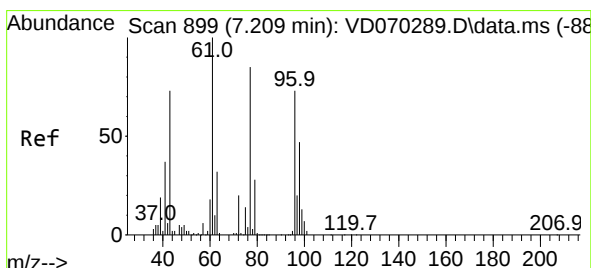
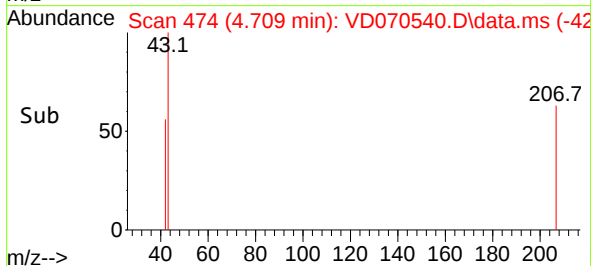
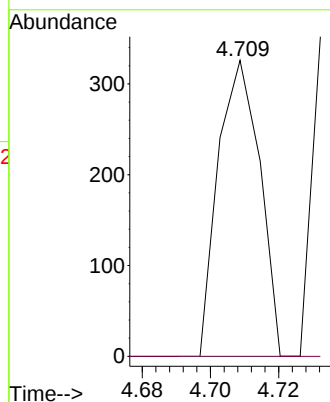


Tgt Ion: 43 Resp: 276

Ion Ratio Lower Upper

43 100

74 0.0 21.6 32.4#



#25

2-Butanone

Concen: 6.435 ug/l

RT: 7.209 min Scan# 899

Delta R.T. -0.000 min

Lab File: VD070540.D

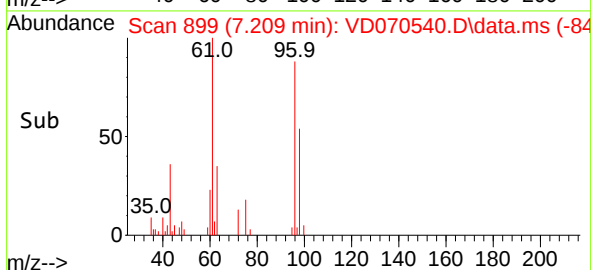
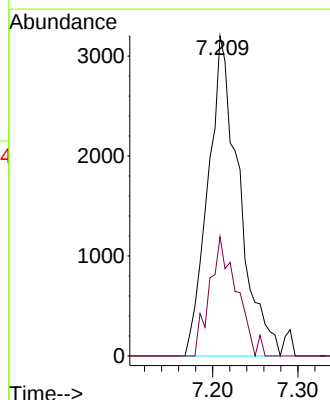
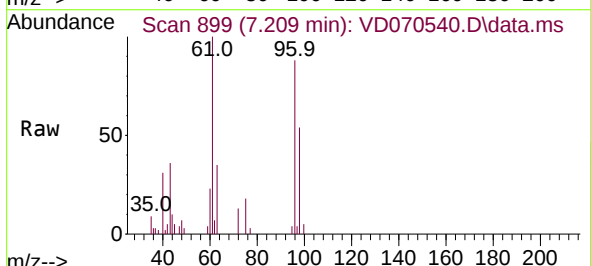
Acq: 30 Sep 2021 14:52

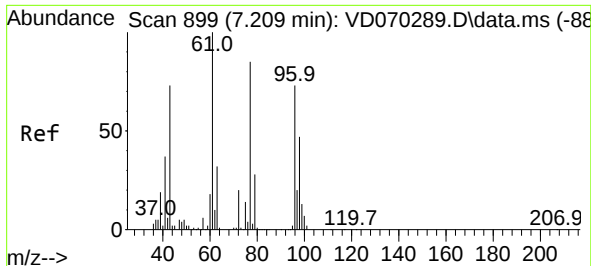
Tgt Ion: 43 Resp: 8116

Ion Ratio Lower Upper

43 100

72 37.3 22.2 33.4#





#27

cis-1,2-Dichloroethene

Concen: 3.255 ug/l

RT: 7.209 min Scan# 899

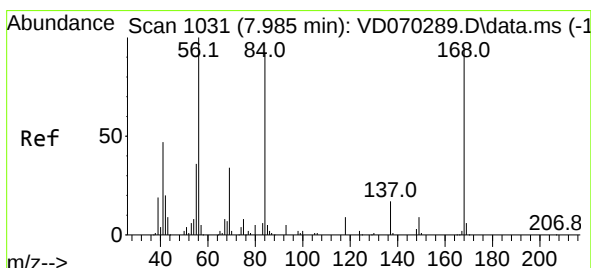
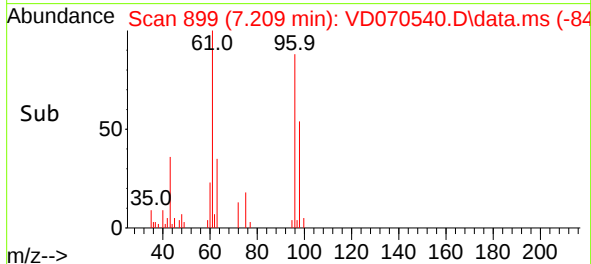
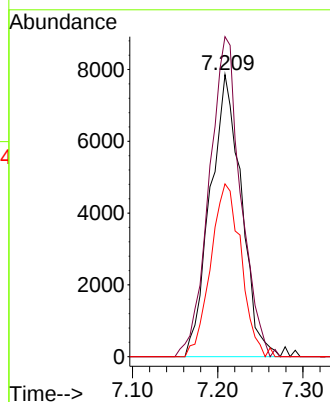
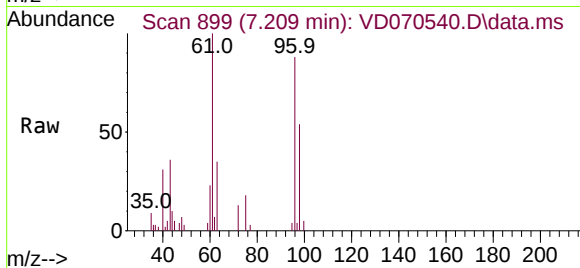
Delta R.T. -0.000 min

Lab File: VD070540.D

Acq: 30 Sep 2021 14:52

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion:	96	Resp:	20028
Ion	Ratio	Lower	Upper
96	100		
61	114.5	0.0	277.4
98	59.7	0.0	130.0



#31

Cyclohexane

Concen: 1.026 ug/l

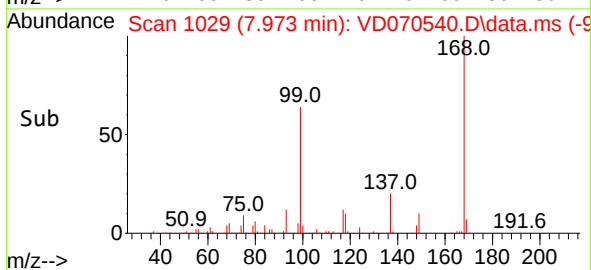
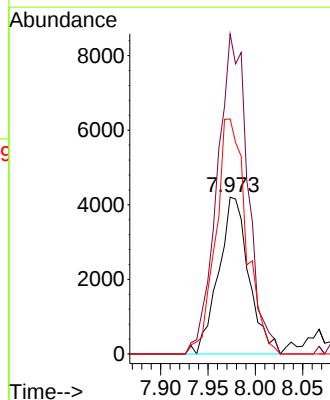
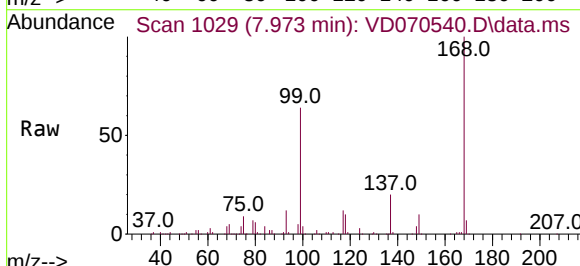
RT: 7.973 min Scan# 1029

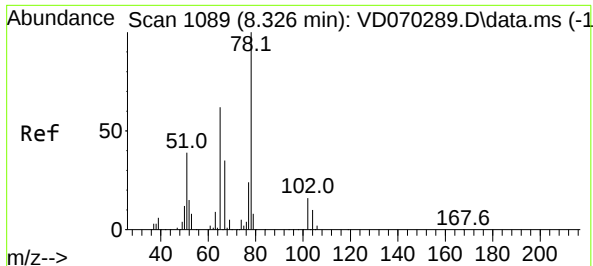
Delta R.T. -0.012 min

Lab File: VD070540.D

Acq: 30 Sep 2021 14:52

Tgt Ion:	56	Resp:	9376
Ion	Ratio	Lower	Upper
56	100		
69	204.2	26.9	40.3#
84	150.0	73.6	110.4#



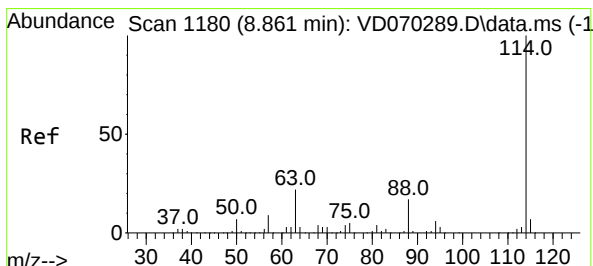
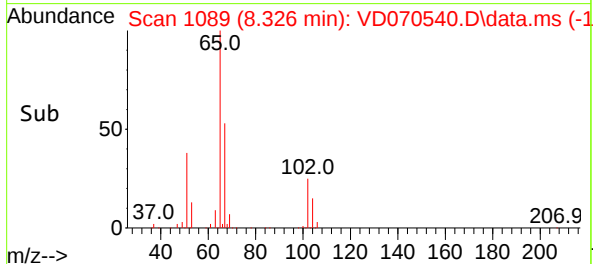
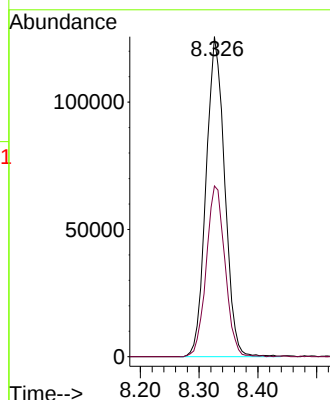
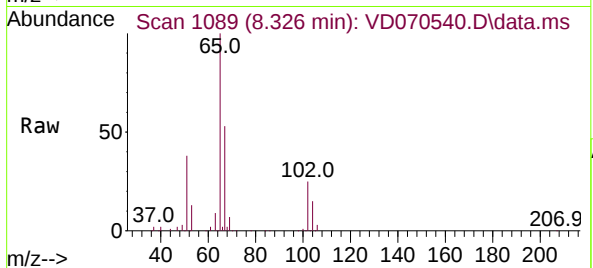


#33

1,2-Dichloroethane-d4
Concen: 52.054 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070540.D
Acq: 30 Sep 2021 14:52

Instrument :
MSVOA_D
ClientSampleId :

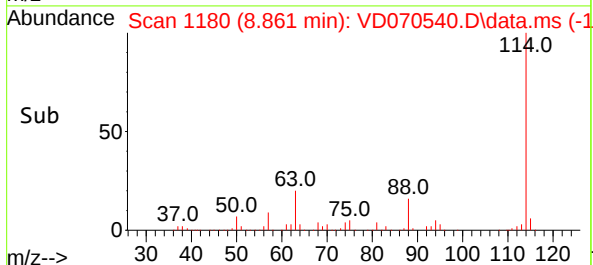
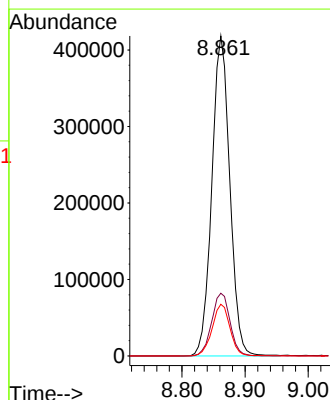
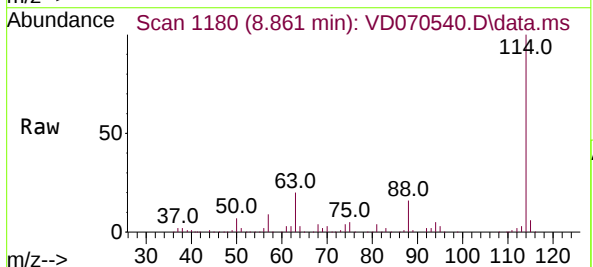
Tgt Ion: 65 Resp: 276259
Ion Ratio Lower Upper
65 100
67 53.8 0.0 111.4

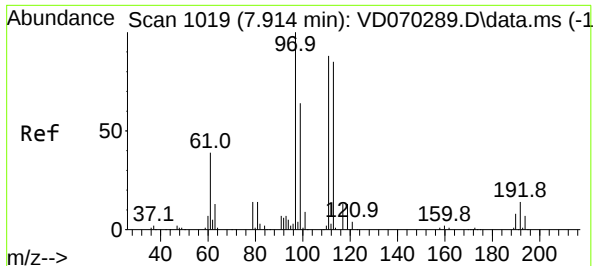


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070540.D
Acq: 30 Sep 2021 14:52

Tgt Ion:114 Resp: 826470
Ion Ratio Lower Upper
114 100
63 19.6 0.0 43.4
88 16.1 0.0 33.4





#35

Dibromofluoromethane

Concen: 48.074 ug/l

RT: 7.909 min Scan# 1018

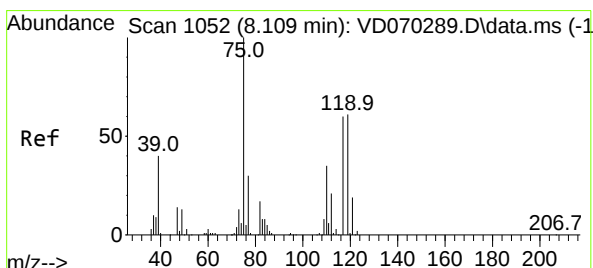
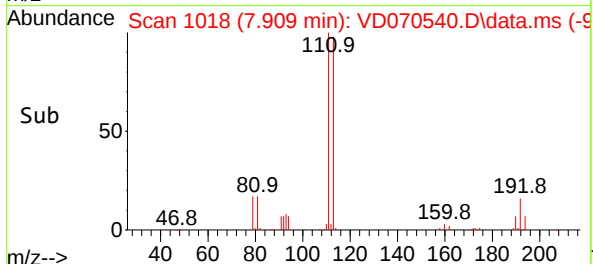
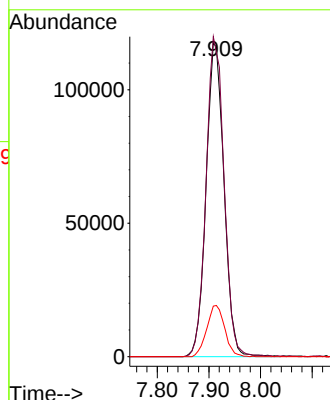
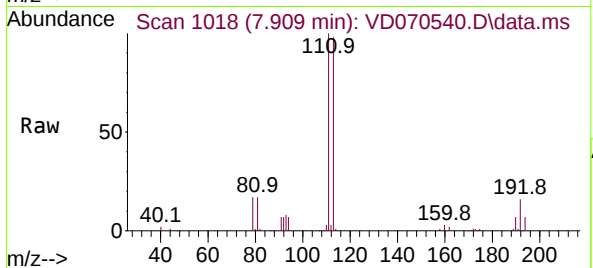
Delta R.T. -0.006 min

Lab File: VD070540.D

Acq: 30 Sep 2021 14:52

Tgt Ion:	113	Resp:	282816
Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.4	122.2
192	16.4	13.0	19.6

Instrument :
MSVOA_D
ClientSampleId :



#36

1,1-Dichloropropene

Concen: 4.123 ug/l

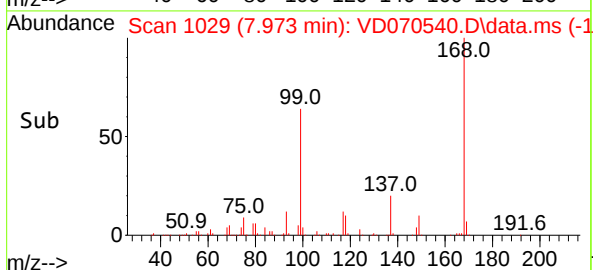
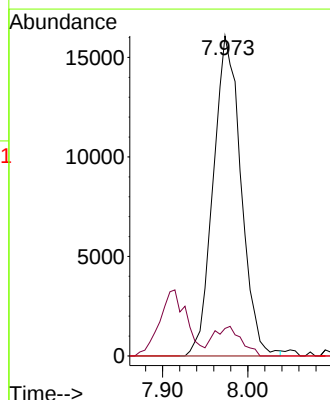
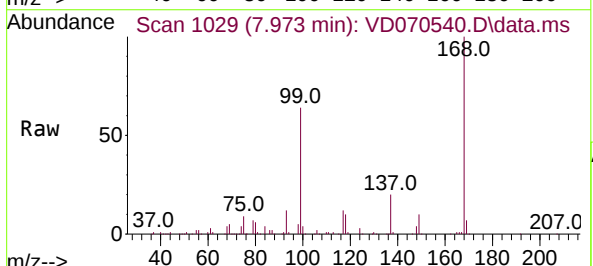
RT: 7.973 min Scan# 1029

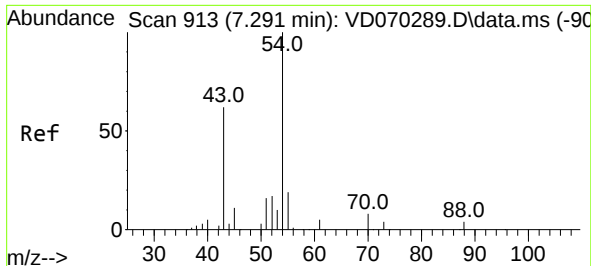
Delta R.T. -0.135 min

Lab File: VD070540.D

Acq: 30 Sep 2021 14:52

Tgt Ion:	75	Resp:	36421
Ion	Ratio	Lower	Upper
75	100		
110	9.0	17.9	53.7#
77	0.0	25.3	37.9#

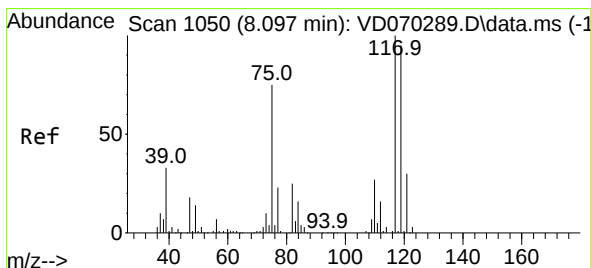
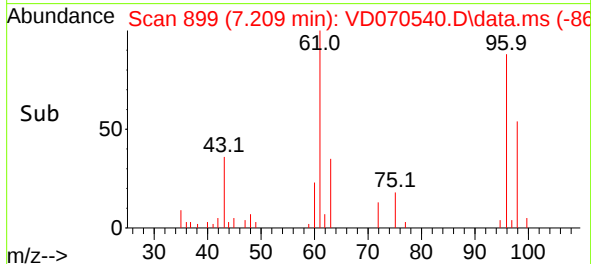
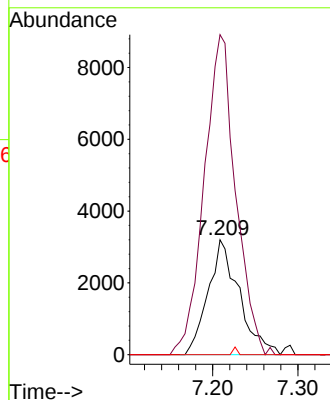
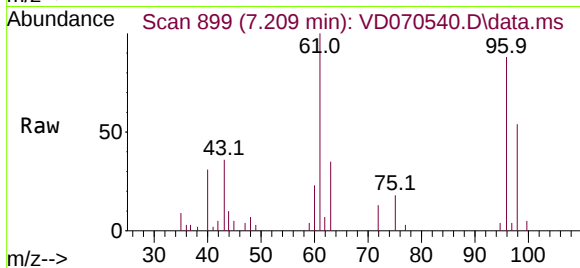




#37
Ethyl Acetate
Concen: 2.457 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.082 min
Lab File: VD070540.D
Acq: 30 Sep 2021 14:52

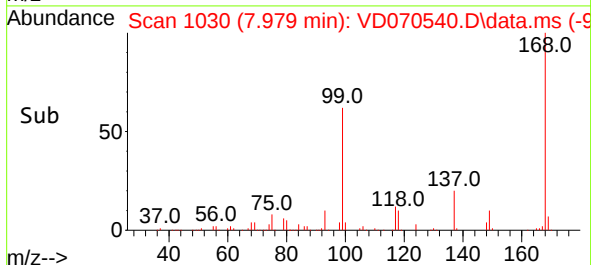
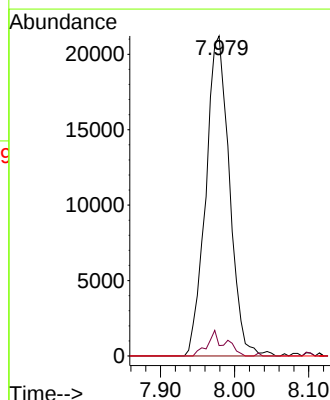
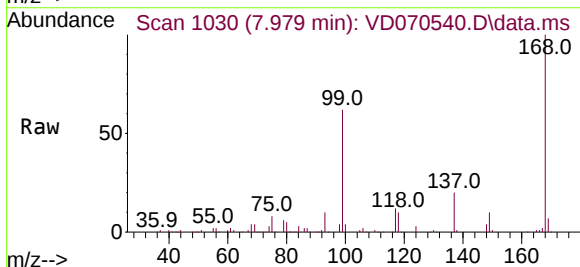
Instrument :
MSVOA_D
ClientSampleId :

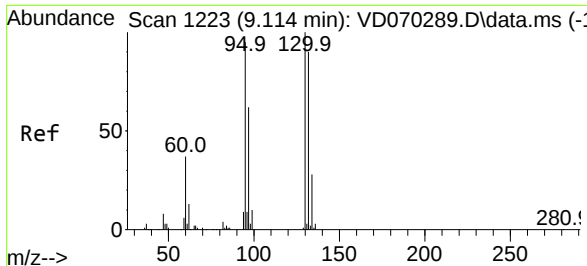
Tgt Ion: 43 Resp: 8116
Ion Ratio Lower Upper
43 100
61 282.5 13.0 19.6#
70 0.9 9.8 14.6#



#38
Carbon Tetrachloride
Concen: 5.383 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD070540.D
Acq: 30 Sep 2021 14:52

Tgt Ion: 117 Resp: 47030
Ion Ratio Lower Upper
117 100
119 3.3 76.1 114.1#
121 0.0 23.8 35.6#

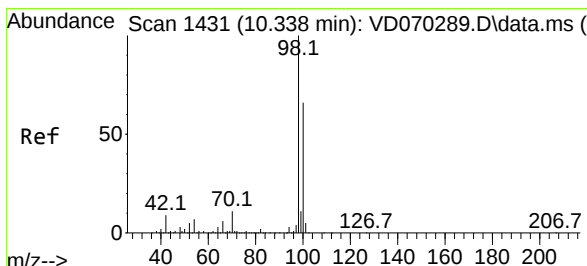
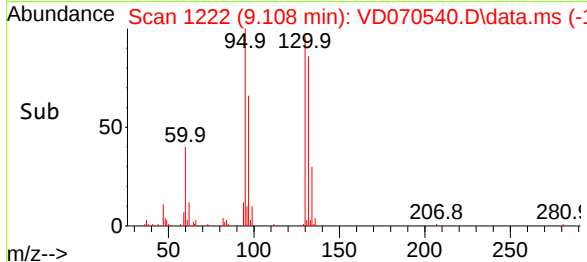
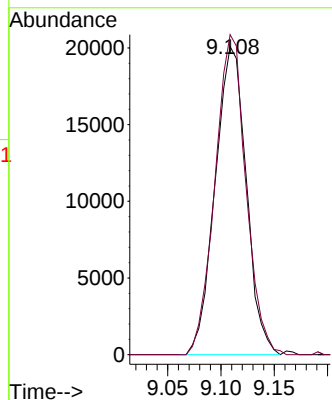
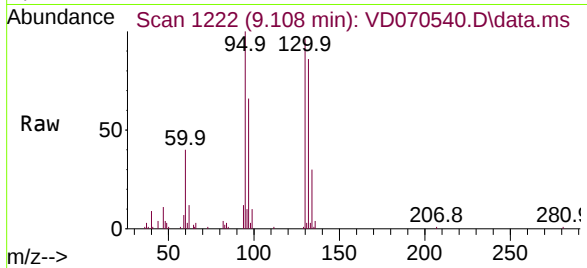




#44
Trichloroethene
Concen: 6.596 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.006 min
Lab File: VD070540.D
Acq: 30 Sep 2021 14:52

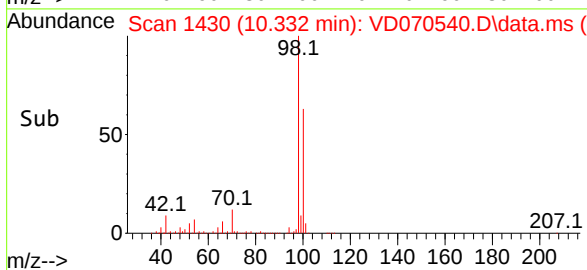
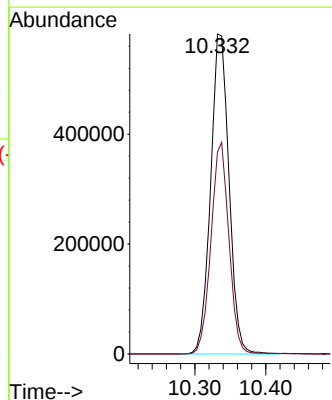
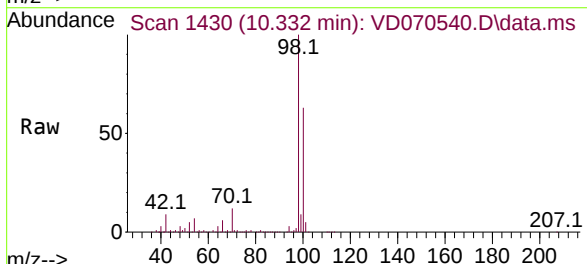
Instrument :
MSVOA_D
ClientSampled :

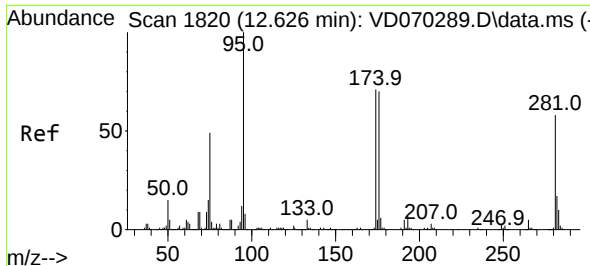
Tgt Ion:130 Resp: 40809
Ion Ratio Lower Upper
130 100
95 103.9 0.0 190.0



#50
Toluene-d8
Concen: 49.036 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070540.D
Acq: 30 Sep 2021 14:52

Tgt Ion: 98 Resp: 1047386
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0

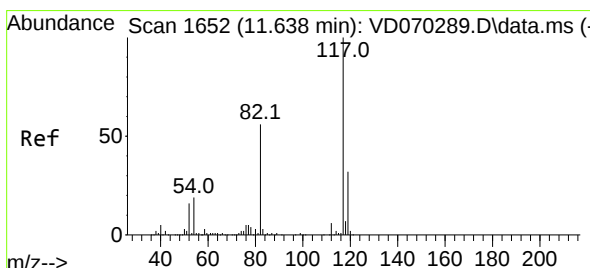
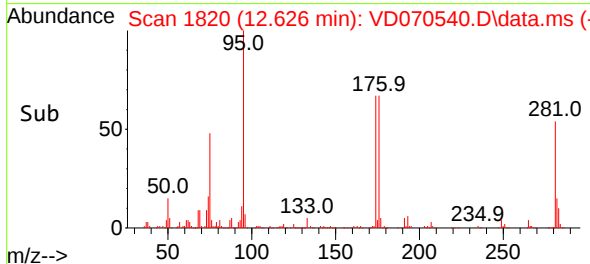
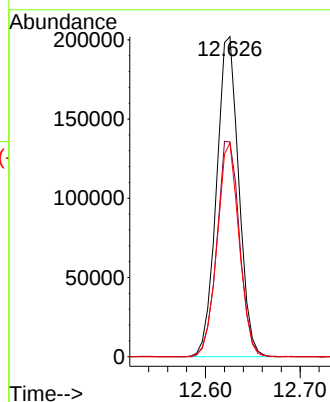
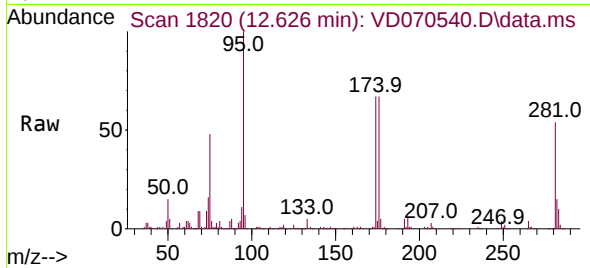




#62
4-Bromofluorobenzene
Concen: 44.170 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070540.D
Acq: 30 Sep 2021 14:52

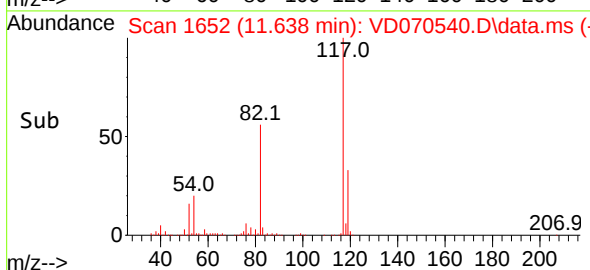
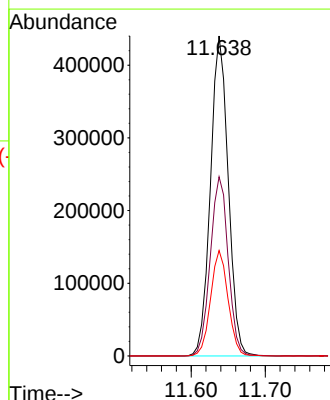
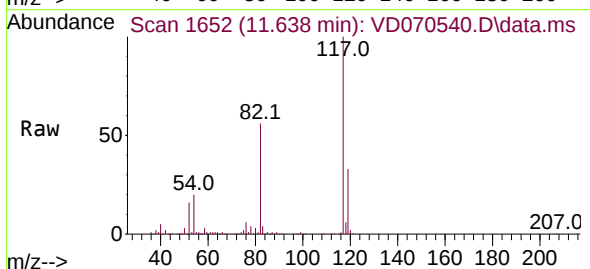
Instrument :
MSVOA_D
ClientSampled :

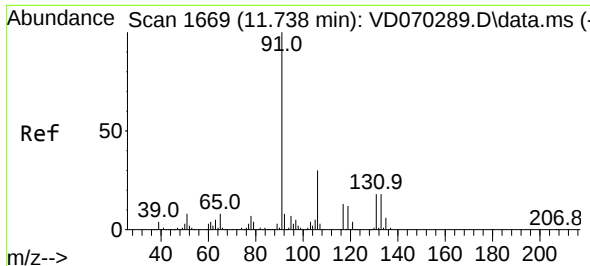
Tgt Ion: 95 Resp: 329720
Ion Ratio Lower Upper
95 100
174 68.8 0.0 140.6
176 66.1 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070540.D
Acq: 30 Sep 2021 14:52

Tgt Ion: 117 Resp: 733052
Ion Ratio Lower Upper
117 100
82 56.0 45.0 67.4
119 32.9 25.2 37.8

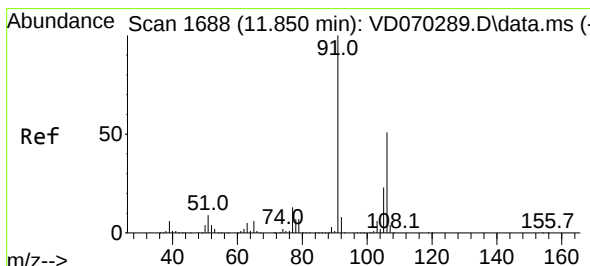
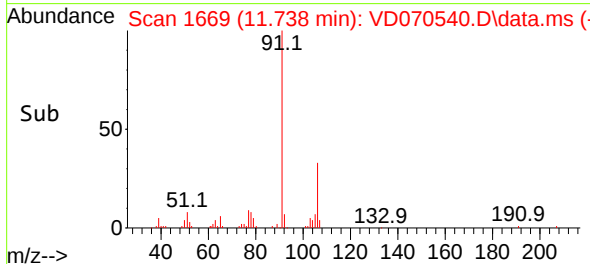
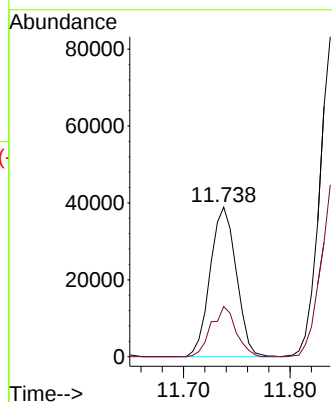
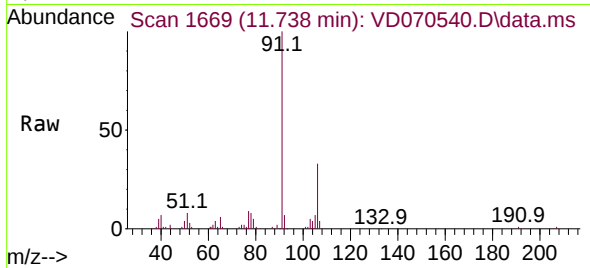




#67
Ethyl Benzene
Concen: 2.530 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD070540.D
Acq: 30 Sep 2021 14:52

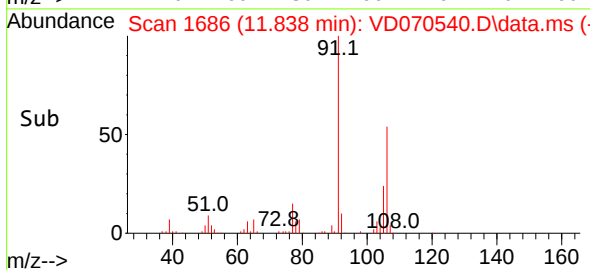
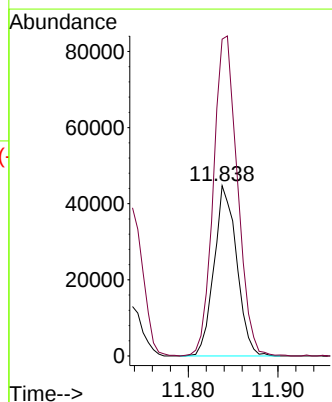
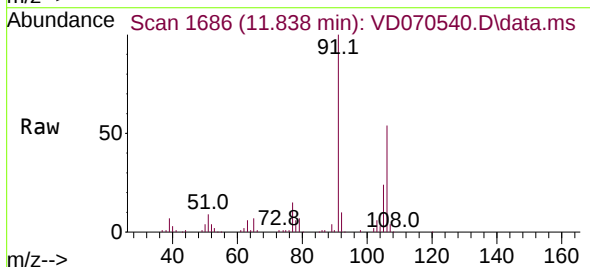
Instrument :
MSVOA_D
ClientSampled :

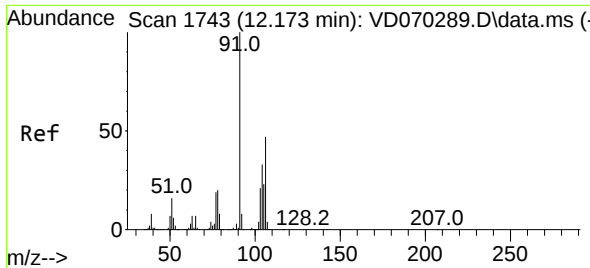
Tgt Ion: 91 Resp: 66262
Ion Ratio Lower Upper
91 100
106 33.4 24.2 36.2



#68
m/p-Xylenes
Concen: 7.758 ug/l
RT: 11.838 min Scan# 1686
Delta R.T. -0.012 min
Lab File: VD070540.D
Acq: 30 Sep 2021 14:52

Tgt Ion:106 Resp: 78474
Ion Ratio Lower Upper
106 100
91 199.7 161.2 241.8

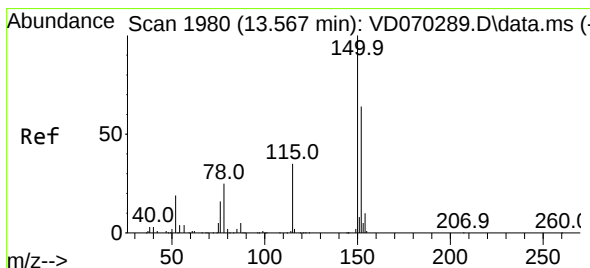
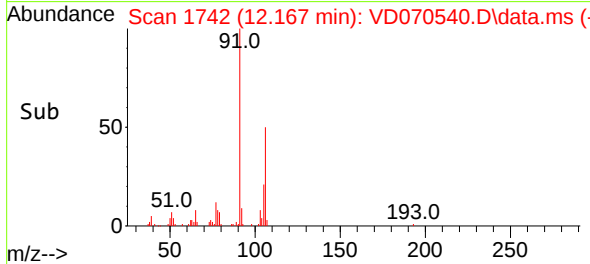
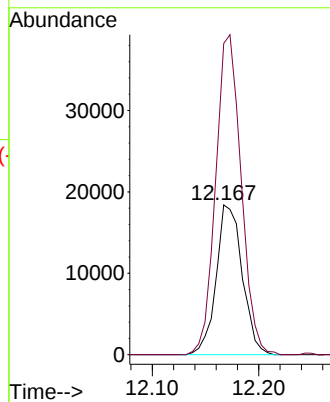
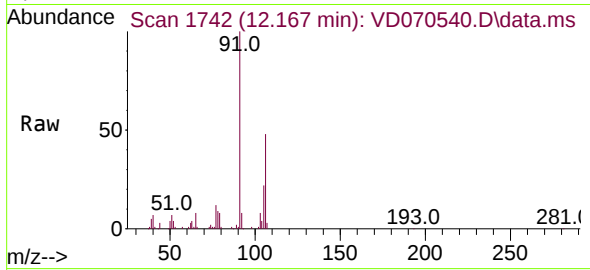




#69
o-Xylene
Concen: 3.443 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VD070540.D
Acq: 30 Sep 2021 14:52

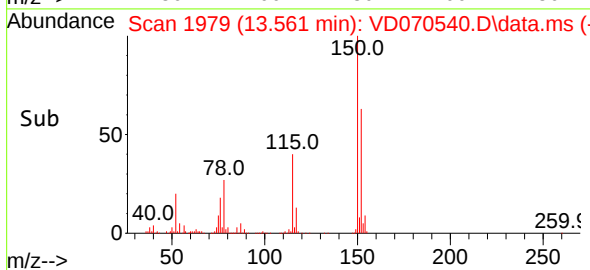
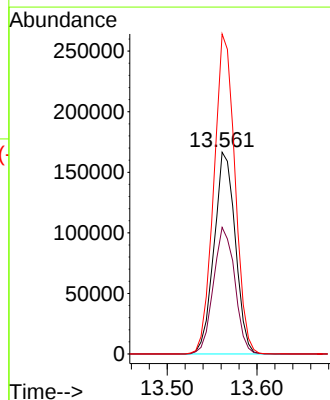
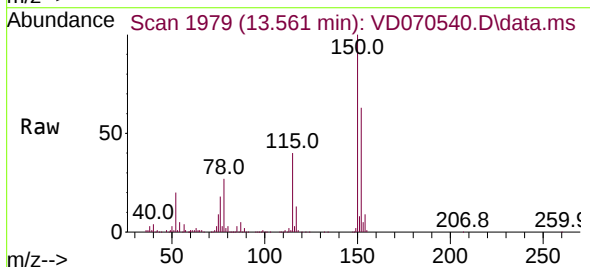
Instrument :
MSVOA_D
ClientSampled :

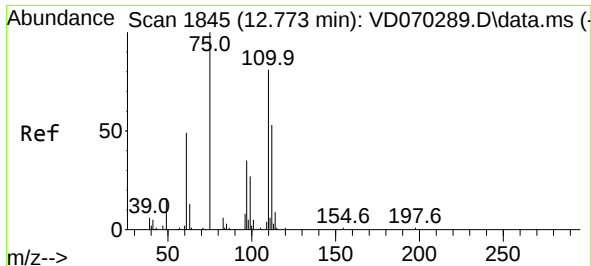
Tgt Ion:106 Resp: 31203
Ion Ratio Lower Upper
106 100
91 209.2 106.3 318.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD070540.D
Acq: 30 Sep 2021 14:52

Tgt Ion:152 Resp: 273796
Ion Ratio Lower Upper
152 100
115 63.1 32.1 96.3
150 157.5 0.0 350.6

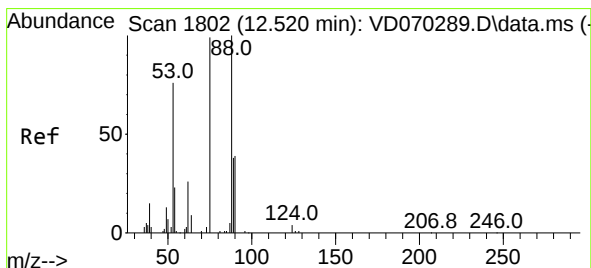
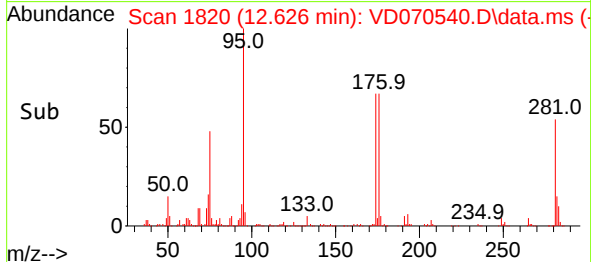
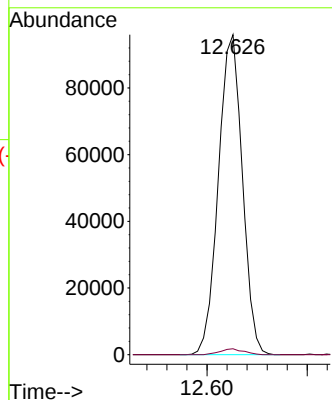
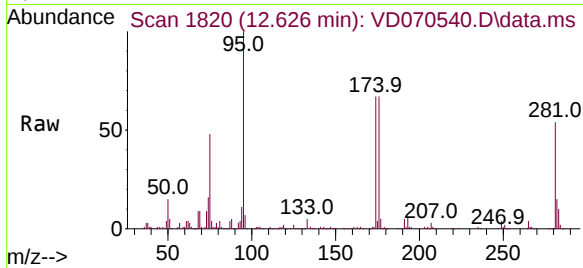




#76
1,2,3-Trichloropropane
Concen: 57.413 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070540.D
Acq: 30 Sep 2021 14:52

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 159003
Ion Ratio Lower Upper
75 100
77 1.8 174.9 524.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 143.852 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070540.D
Acq: 30 Sep 2021 14:52

Tgt Ion: 75 Resp: 159003
Ion Ratio Lower Upper
75 100
53 0.0 64.2 96.2#
89 0.4 35.6 53.4#

