

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081721\
 Data File : VD070093.D
 Acq On : 17 Aug 2021 17:35
 Operator : VA/SY
 Sample : M3412-01
 Misc : 5.76G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PG-1

Quant Time: Aug 18 03:07:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

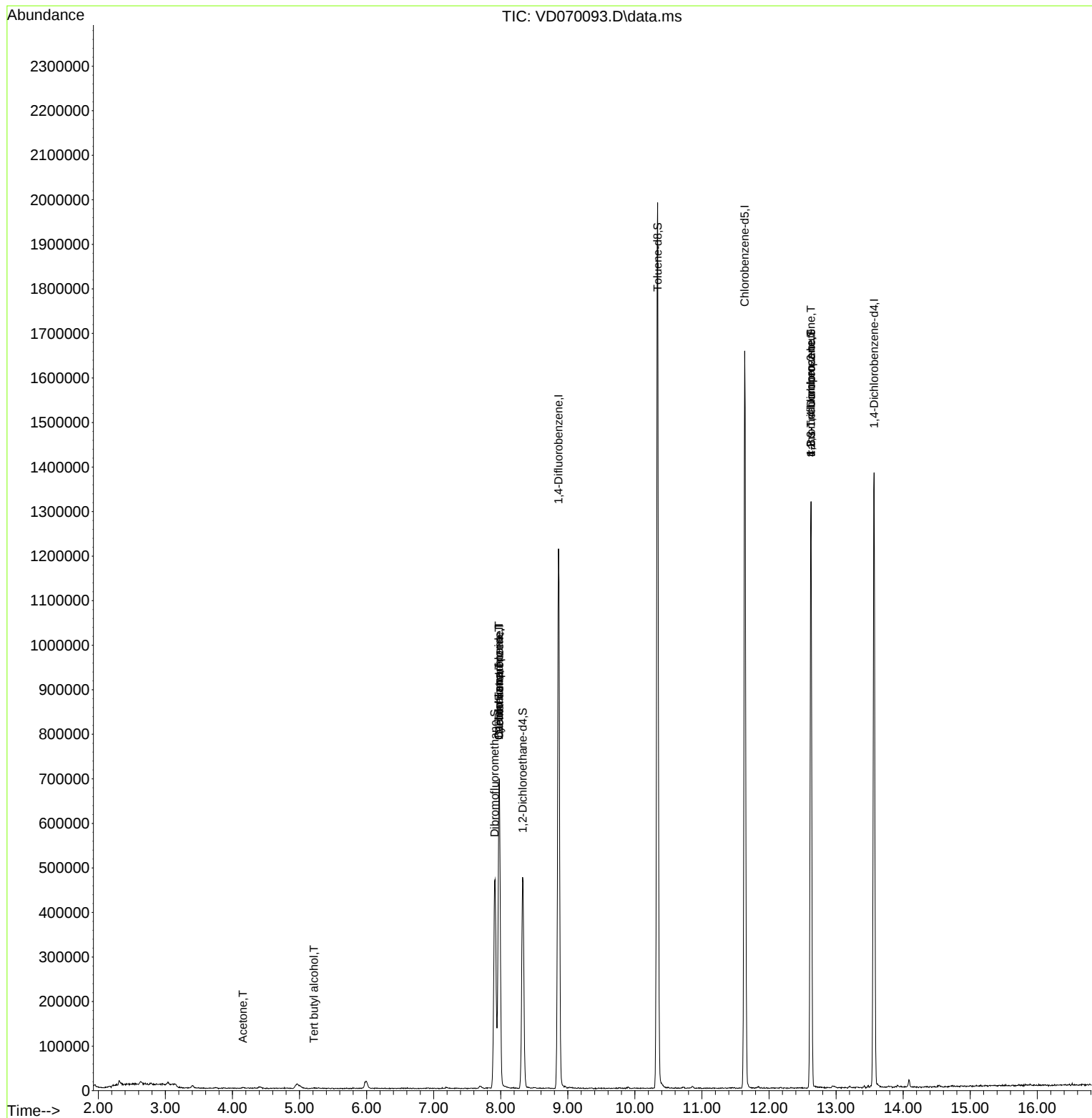
Internal Standards						
1) Pentafluorobenzene	7.979	168	500163	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1035654	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	974834	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	372131	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	375836	63.888	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.780%	
35) Dibromofluoromethane	7.909	113	357098	53.370	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.740%	
50) Toluene-d8	10.338	98	1340867	51.524	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.040%	
62) 4-Bromofluorobenzene	12.626	95	398614	46.503	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.997	85	333	Below Cal	#	42
3) Chloromethane	2.203	50	914	Below Cal	#	40
5) Bromomethane	2.774	94	2120	Below Cal	#	65
11) Tert butyl alcohol	5.215	59	1237	3.804	ug/l #	71
16) Acetone	4.156	43	1826	1.685	ug/l	88
20) Methylene Chloride	4.962	84	7655	Below Cal	#	86
31) Cyclohexane	7.973	56	12425	1.067	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	45609	4.094	ug/l #	49
38) Carbon Tetrachloride	7.973	117	53040	5.244	ug/l #	15
76) 1,2,3-Trichloropropane	12.626	75	197402	52.307	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	197402	135.769	ug/l #	18

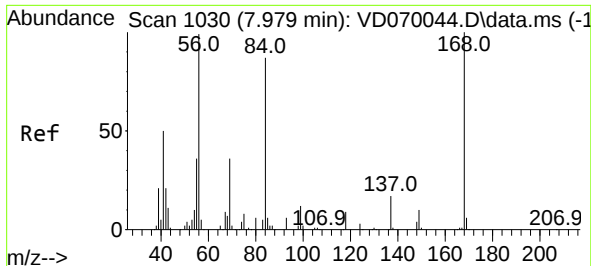
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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PG-1

Quant Time: Aug 18 03:07:39 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 14 02:33:51 2021
Response via : Initial Calibration

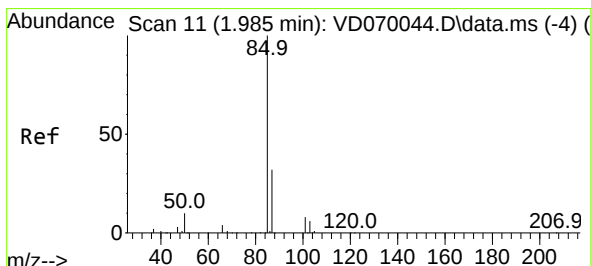
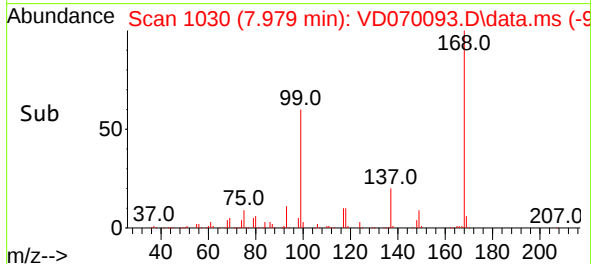
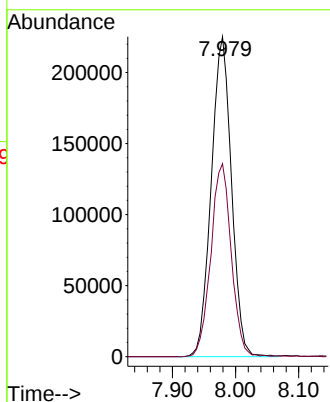
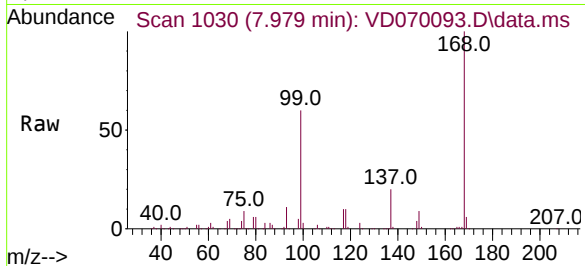




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070093.D
Acq: 17 Aug 2021 17:35

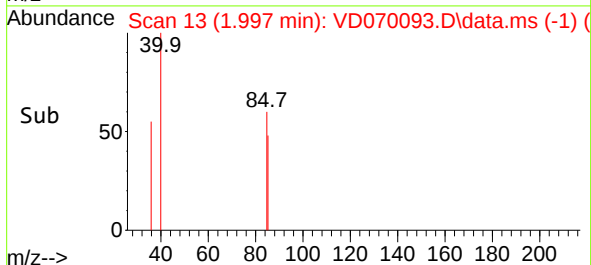
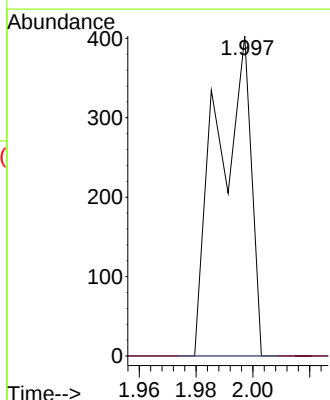
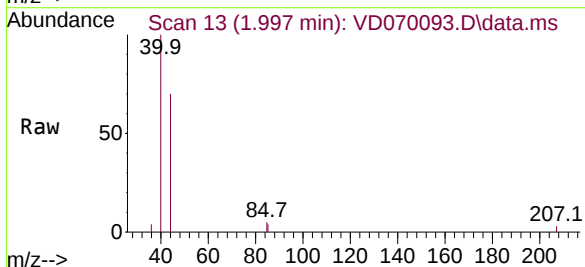
Instrument :
MSVOA_D
ClientSampleId :
PG-1

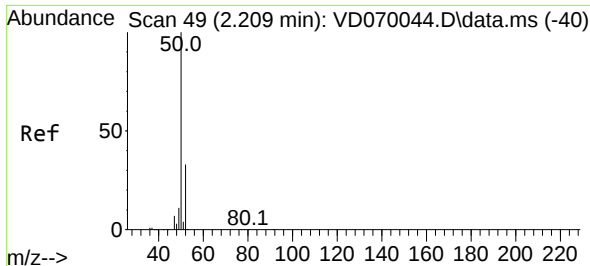
Tgt Ion:168 Resp: 500163
Ion Ratio Lower Upper
168 100
99 60.3 50.3 75.5



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.997 min Scan# 13
Delta R.T. 0.012 min
Lab File: VD070093.D
Acq: 17 Aug 2021 17:35

Tgt Ion: 85 Resp: 333
Ion Ratio Lower Upper
85 100
87 0.0 16.2 48.6#

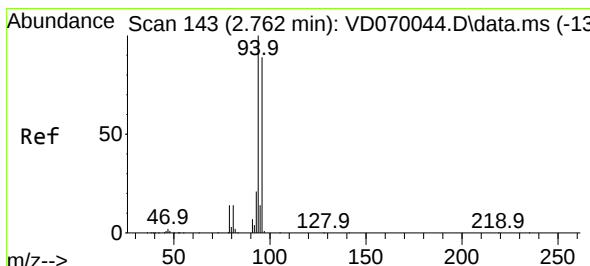
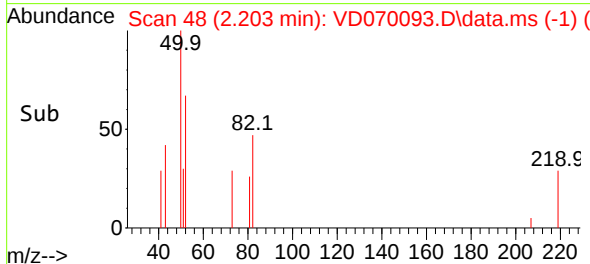
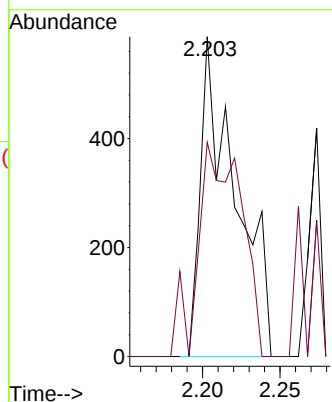
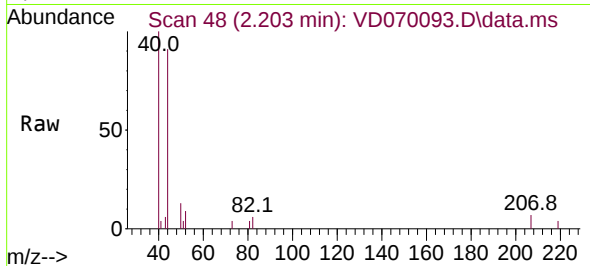




#3
Chloromethane
Concen: Below Cal
RT: 2.203 min Scan# 48
Delta R.T. -0.006 min
Lab File: VD070093.D
Acq: 17 Aug 2021 17:35

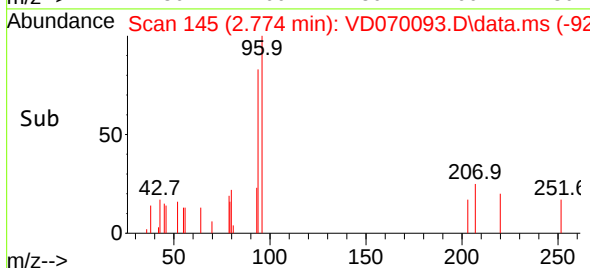
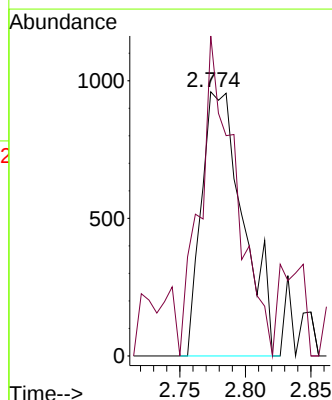
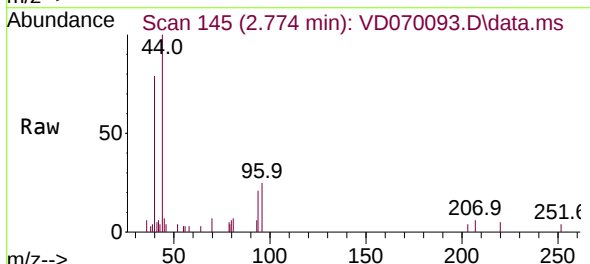
Instrument :
MSVOA_D
ClientSampled :
PG-1

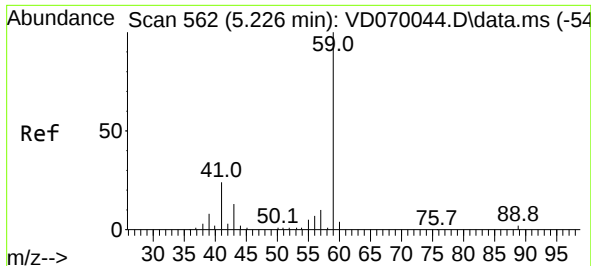
Tgt Ion: 50 Resp: 914
Ion Ratio Lower Upper
50 100
52 67.0 26.3 39.5#



#5
Bromomethane
Concen: Below Cal
RT: 2.774 min Scan# 145
Delta R.T. 0.012 min
Lab File: VD070093.D
Acq: 17 Aug 2021 17:35

Tgt Ion: 94 Resp: 2120
Ion Ratio Lower Upper
94 100
96 121.1 70.9 106.3#



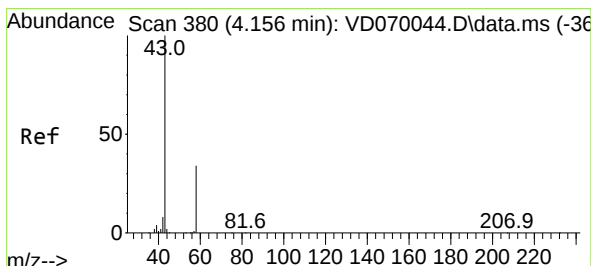
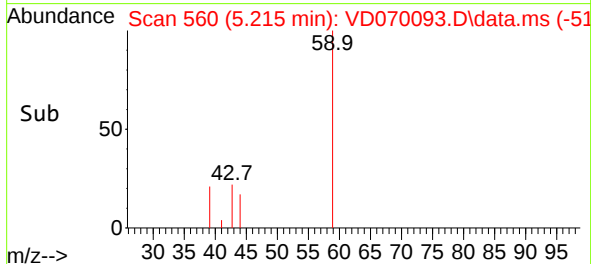
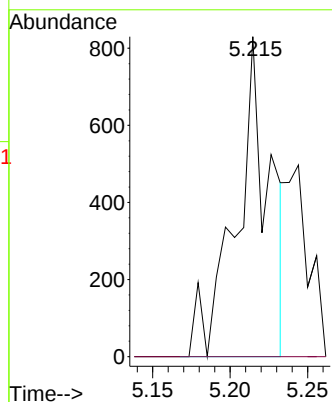
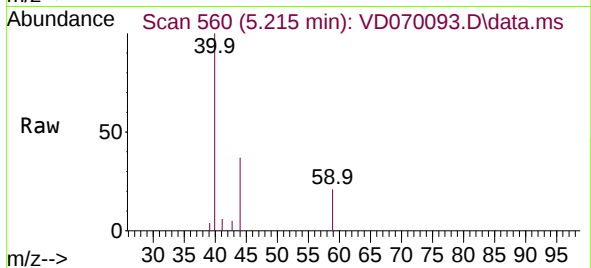


#11

Tert butyl alcohol
Concen: 3.804 ug/l
RT: 5.215 min Scan# 560
Delta R.T. -0.012 min
Lab File: VD070093.D
Acq: 17 Aug 2021 17:35

Instrument :
MSVOA_D
ClientSampled :
PG-1

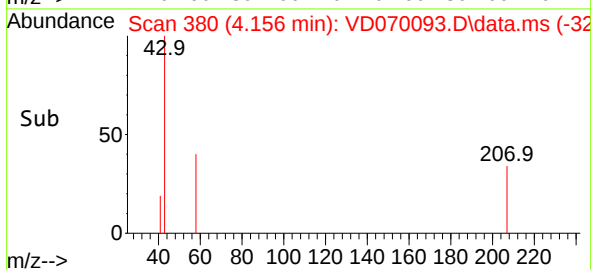
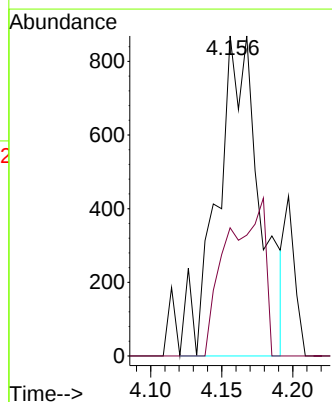
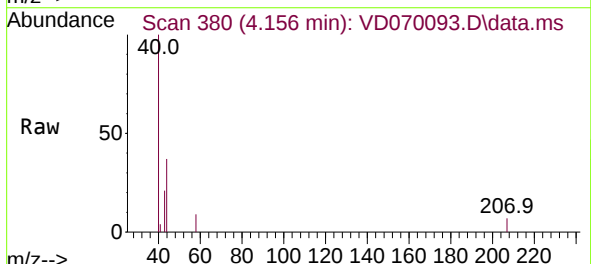
Tgt Ion: 59 Resp: 1237
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

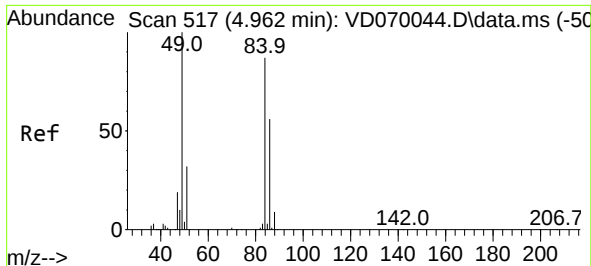


#16

Acetone
Concen: 1.685 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD070093.D
Acq: 17 Aug 2021 17:35

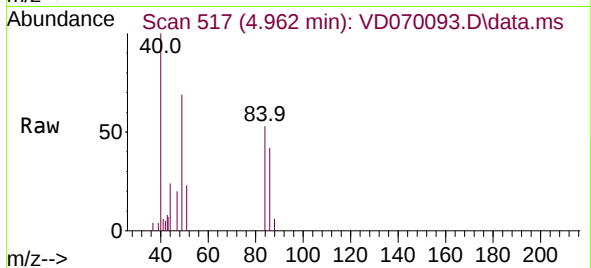
Tgt Ion: 43 Resp: 1826
Ion Ratio Lower Upper
43 100
58 40.0 26.8 40.2



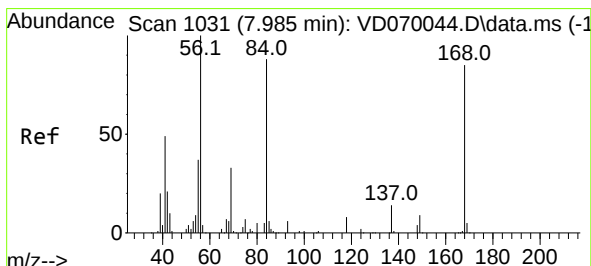
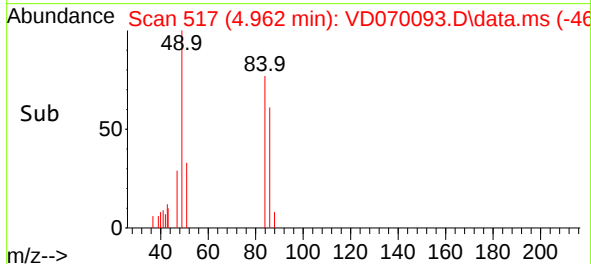
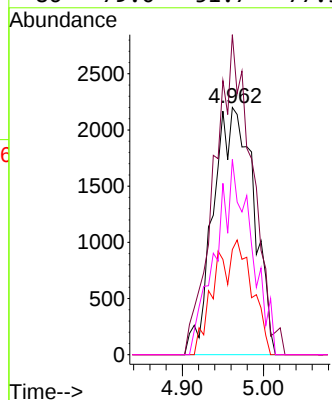


#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD070093.D
Acq: 17 Aug 2021 17:35

Instrument :
MSVOA_D
ClientSampled :
PG-1

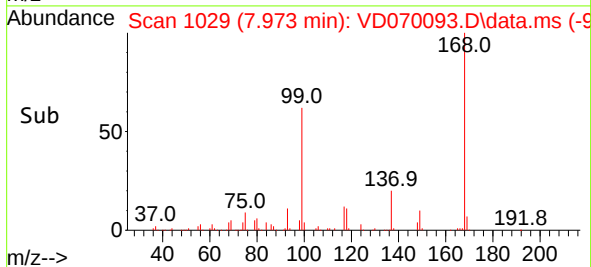
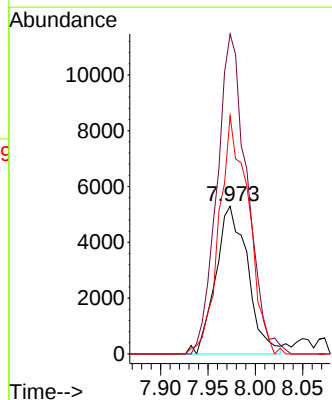
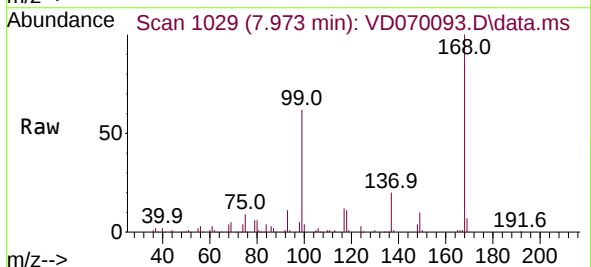


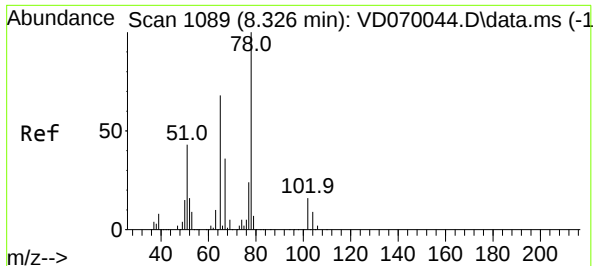
Tgt Ion:	84	Resp:	7655
Ion	Ratio	Lower	Upper
84	100		
49	129.5	92.5	138.7
51	42.5	29.7	44.5
86	79.0	51.7	77.5#



#31
Cyclohexane
Concen: 1.067 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD070093.D
Acq: 17 Aug 2021 17:35

Tgt Ion:	56	Resp:	12425
Ion	Ratio	Lower	Upper
56	100		
69	216.8	26.7	40.1#
84	161.4	70.4	105.6#



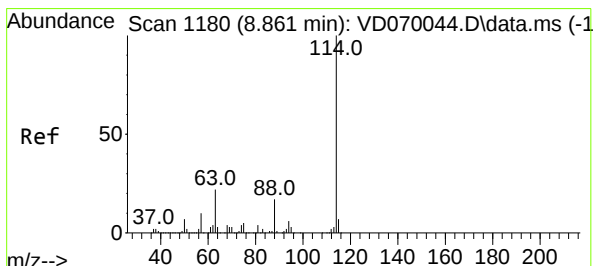
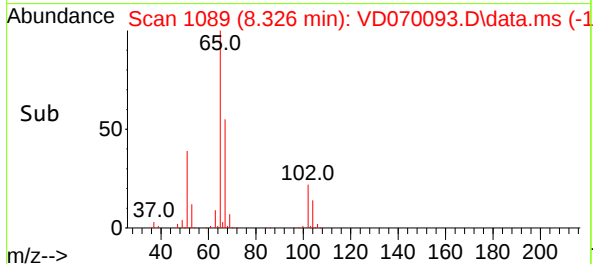
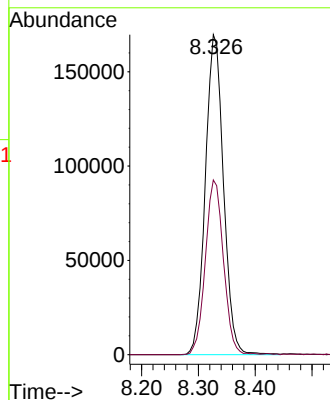
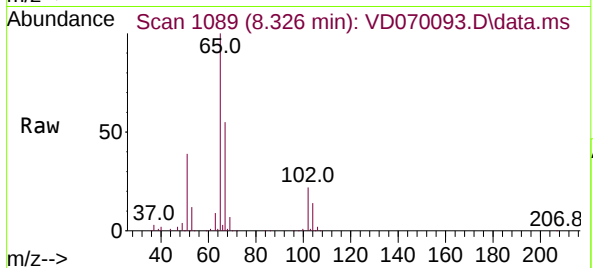


#33

1,2-Dichloroethane-d4
Concen: 63.888 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070093.D
Acq: 17 Aug 2021 17:35

Instrument :
MSVOA_D
ClientSampleId :
PG-1

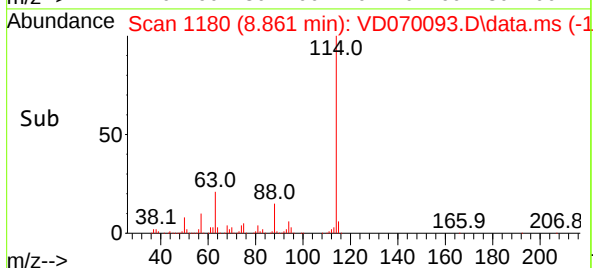
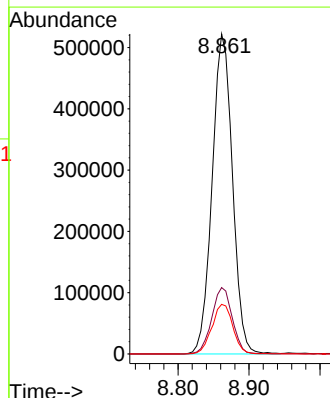
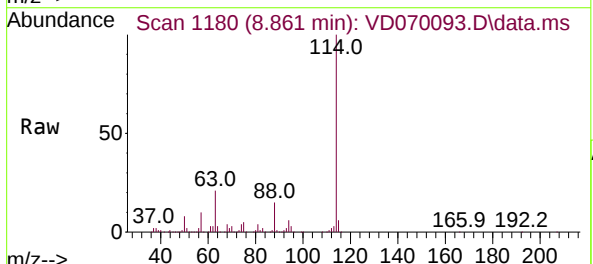
Tgt Ion: 65 Resp: 375836
Ion Ratio Lower Upper
65 100
67 54.4 0.0 107.8

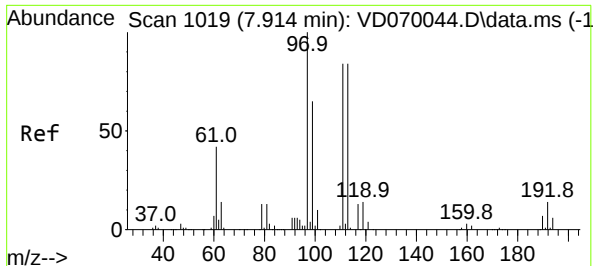


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070093.D
Acq: 17 Aug 2021 17:35

Tgt Ion: 114 Resp: 1035654
Ion Ratio Lower Upper
114 100
63 20.7 0.0 43.6
88 15.5 0.0 33.4

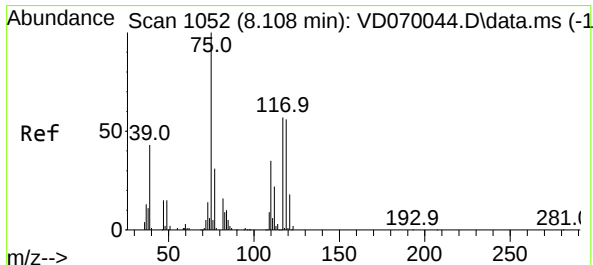
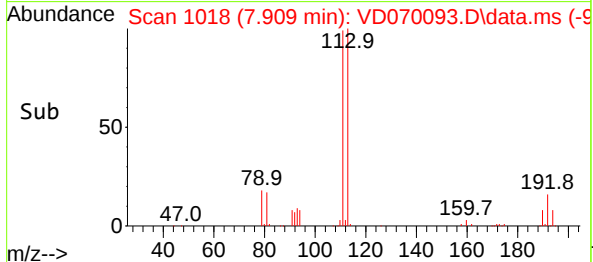
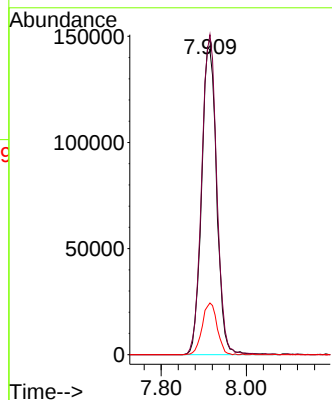
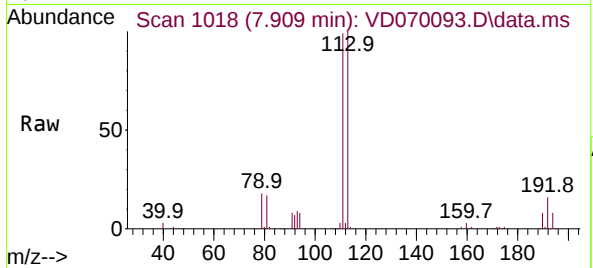




#35
Dibromofluoromethane
Concen: 53.370 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070093.D
Acq: 17 Aug 2021 17:35

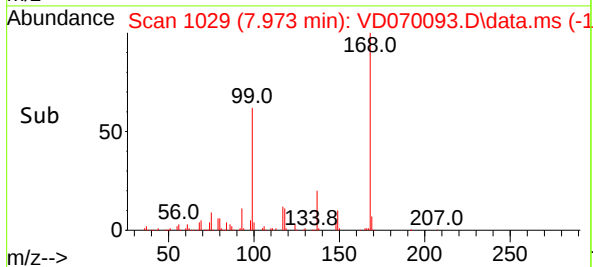
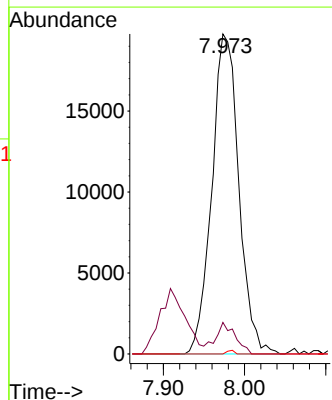
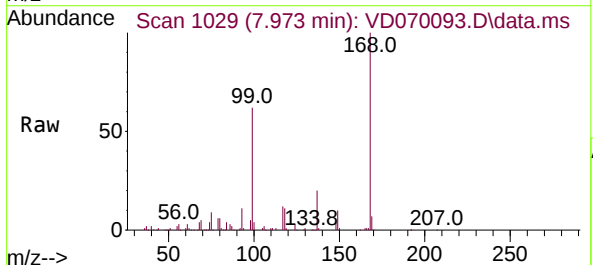
Instrument :
MSVOA_D
ClientSampleId :
PG-1

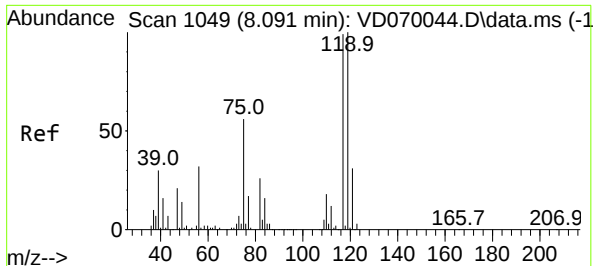
Tgt Ion:113 Resp: 357098
Ion Ratio Lower Upper
113 100
111 104.0 81.8 122.6
192 16.6 13.2 19.8



#36
1,1-Dichloropropene
Concen: 4.094 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD070093.D
Acq: 17 Aug 2021 17:35

Tgt Ion: 75 Resp: 45609
Ion Ratio Lower Upper
75 100
110 7.2 16.9 50.7#
77 0.3 25.2 37.8#

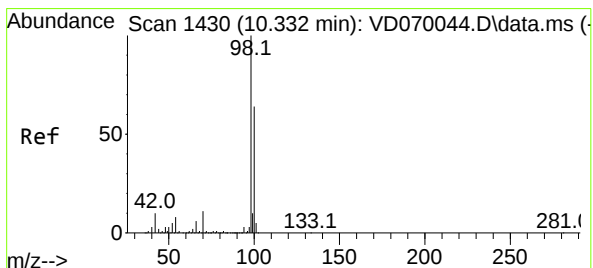
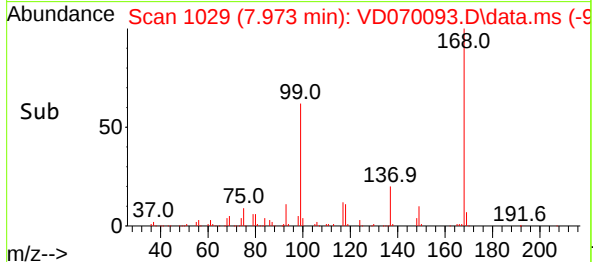
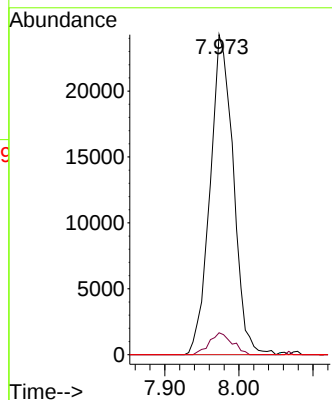
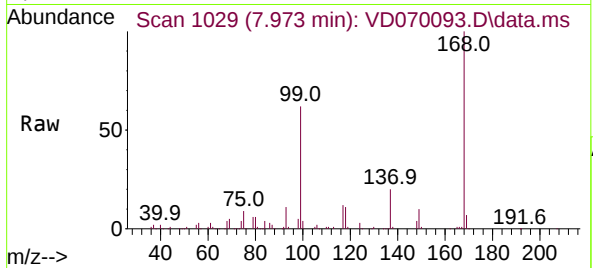




#38
Carbon Tetrachloride
Concen: 5.244 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD070093.D
Acq: 17 Aug 2021 17:35

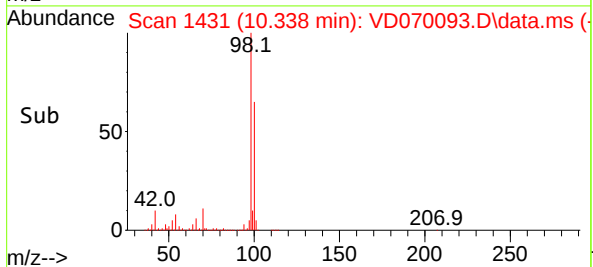
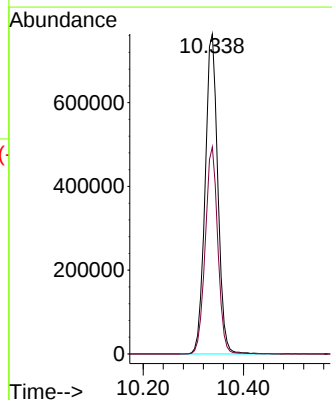
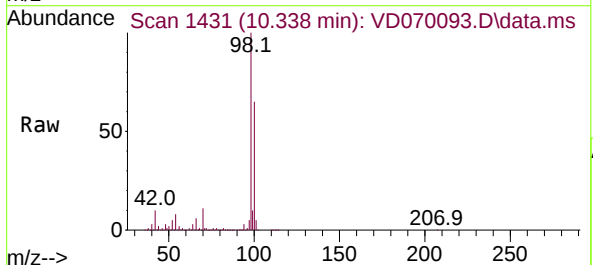
Instrument :
MSVOA_D
ClientSampled :
PG-1

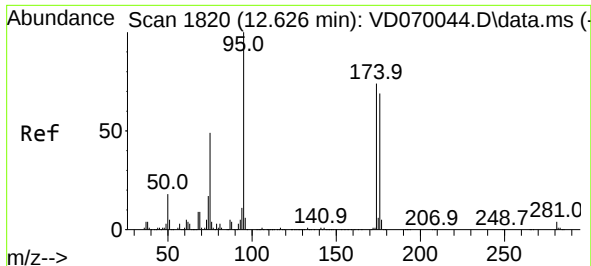
Tgt Ion:117 Resp: 53040
Ion Ratio Lower Upper
117 100
119 6.9 81.0 121.6#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 51.524 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070093.D
Acq: 17 Aug 2021 17:35

Tgt Ion: 98 Resp: 1340867
Ion Ratio Lower Upper
98 100
100 64.2 52.6 78.8

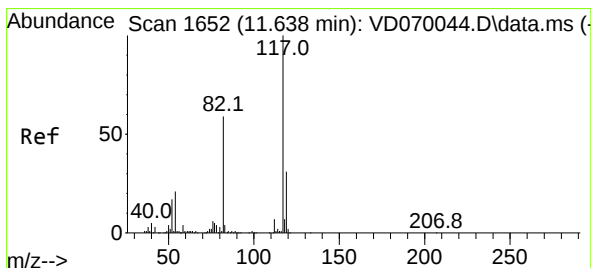
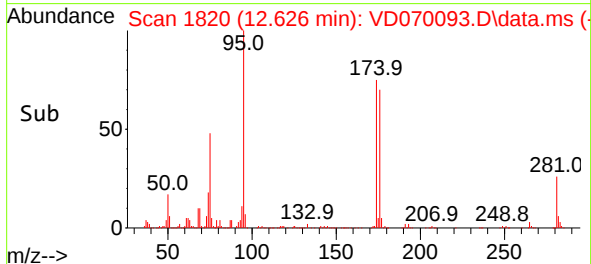
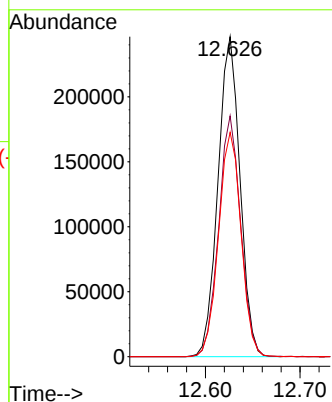
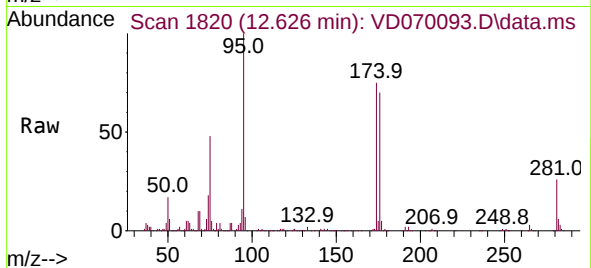




#62
4-Bromofluorobenzene
Concen: 46.503 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070093.D
Acq: 17 Aug 2021 17:35

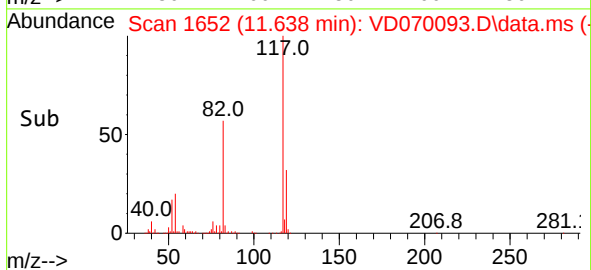
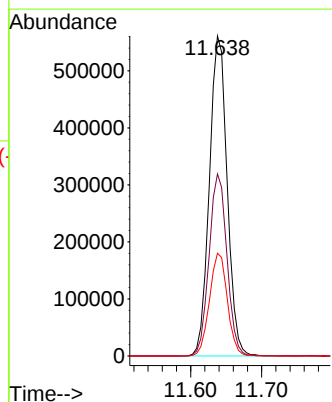
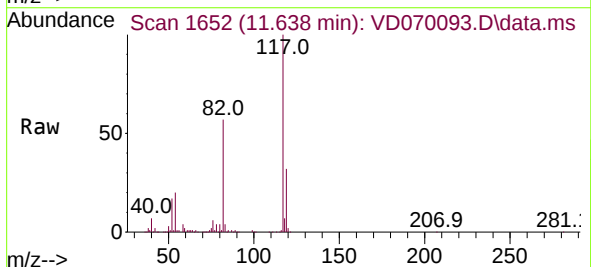
Instrument :
MSVOA_D
ClientSampleId :
PG-1

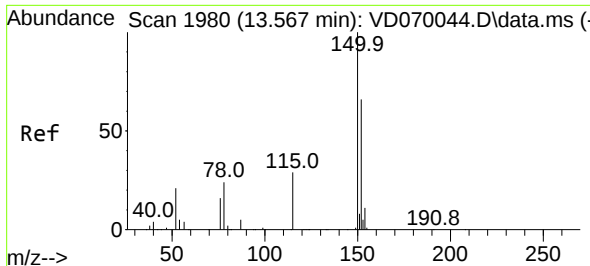
Tgt Ion: 95 Resp: 398614
Ion Ratio Lower Upper
95 100
174 75.2 0.0 141.6
176 71.4 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070093.D
Acq: 17 Aug 2021 17:35

Tgt Ion: 117 Resp: 974834
Ion Ratio Lower Upper
117 100
82 56.9 47.5 71.3
119 32.1 25.1 37.7

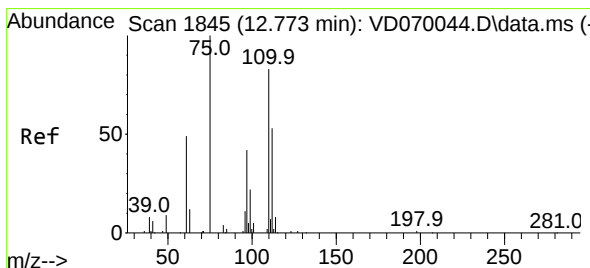
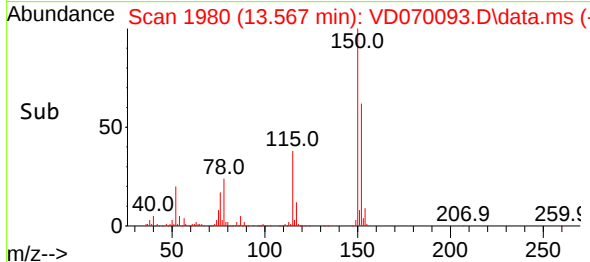
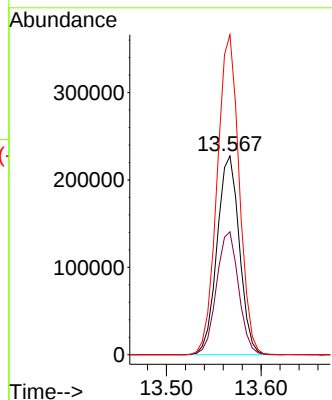
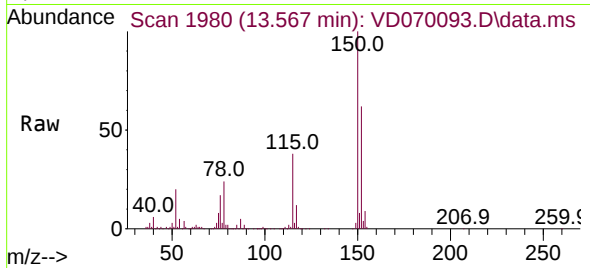




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD070093.D
Acq: 17 Aug 2021 17:35

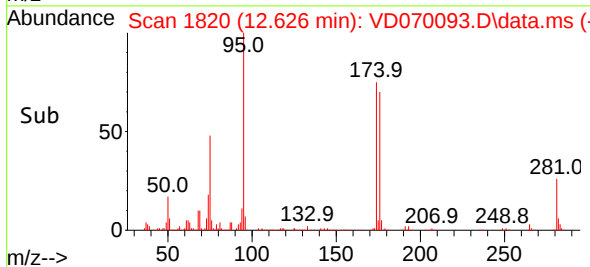
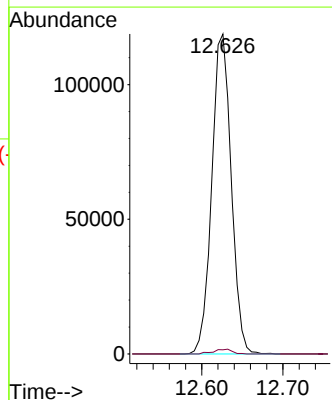
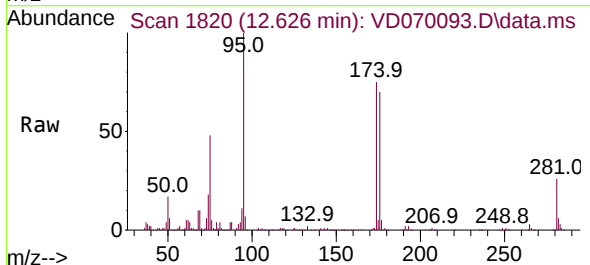
Instrument :
MSVOA_D
ClientSampleId :
PG-1

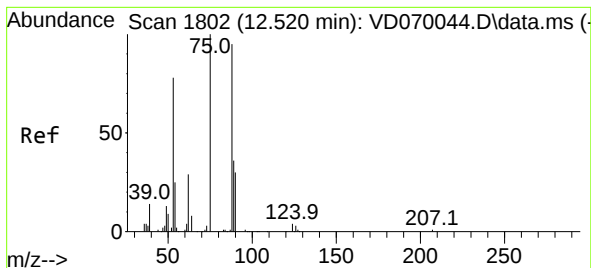
Tgt Ion:152 Resp: 372131
Ion Ratio Lower Upper
152 100
115 61.5 31.2 93.6
150 159.3 0.0 352.0



#76
1,2,3-Trichloropropane
Concen: 52.307 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070093.D
Acq: 17 Aug 2021 17:35

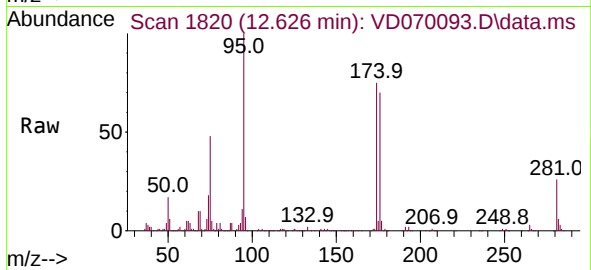
Tgt Ion: 75 Resp: 197402
Ion Ratio Lower Upper
75 100
77 1.4 182.4 547.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 135.769 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.106 min
 Lab File: VD070093.D
 Acq: 17 Aug 2021 17:35

Instrument :
 MSVOA_D
 ClientSampleId :
 PG-1



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.3	64.5	96.7#
89	0.1	33.7	50.5#

