

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081621\
 Data File : VD070069.D
 Acq On : 16 Aug 2021 16:20
 Operator : VA/SY
 Sample : M3368-20
 Misc : 6.29G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 17 03:56:45 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)

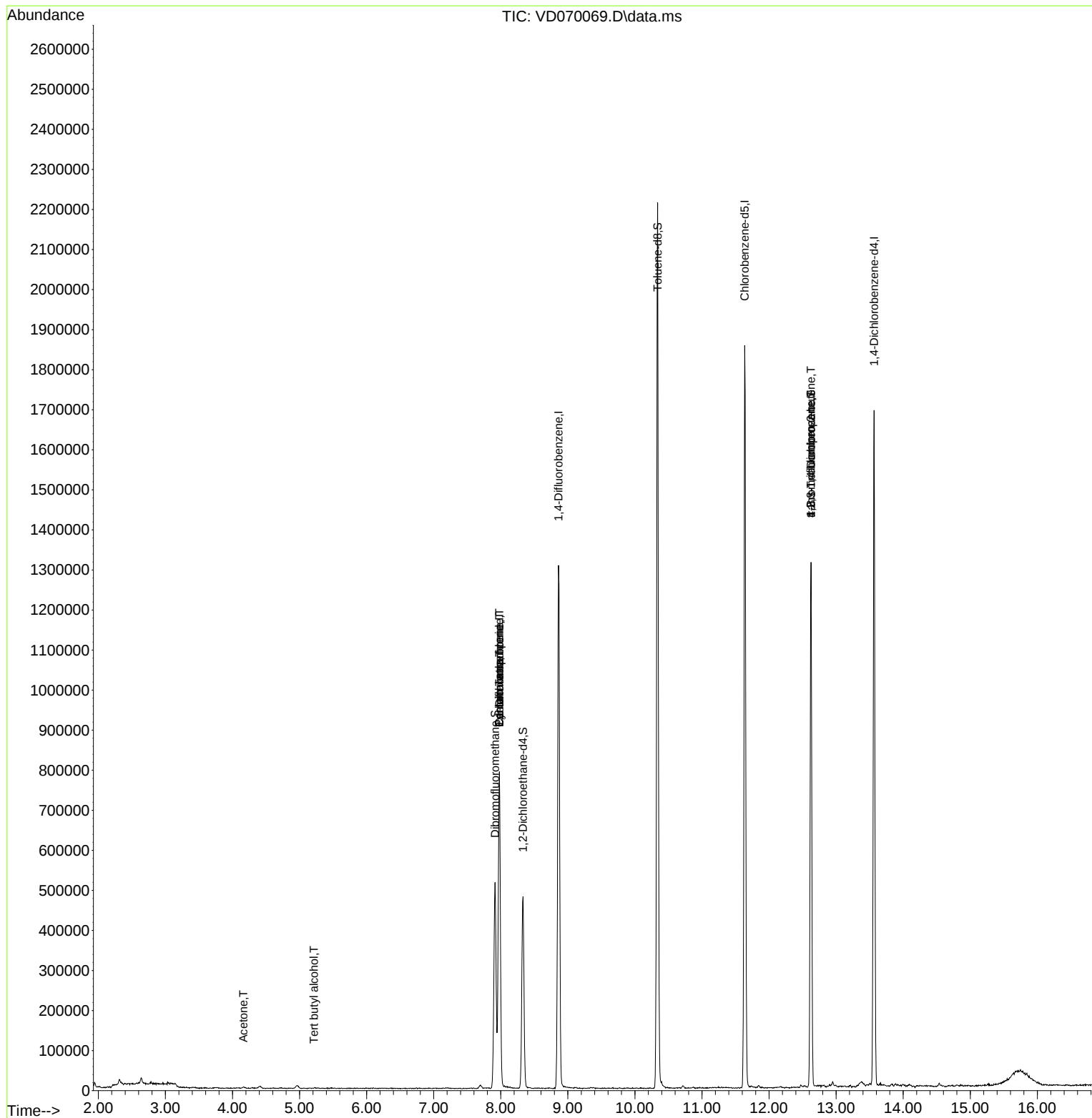
Internal Standards						
1) Pentafluorobenzene	7.979	168	551772	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1140381	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	1079494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	441712	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	382307	58.910	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.820%	
35) Dibromofluoromethane	7.914	113	378690	51.399	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.800%	
50) Toluene-d8	10.338	98	1475494	51.490	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.980%	
62) 4-Bromofluorobenzene	12.626	95	462389	48.990	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.980%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	624	Below Cal		97
3) Chloromethane	2.209	50	1379	Below Cal	#	64
5) Bromomethane	2.773	94	3452	Below Cal		95
11) Tert butyl alcohol	5.214	59	1466	4.087 ug/l	#	71
16) Acetone	4.161	43	4939	4.131 ug/l		93
20) Methylene Chloride	4.973	84	4940	Below Cal	#	77
31) Cyclohexane	7.979	56	14087	1.097 ug/l	#	1
36) 1,1-Dichloropropene	7.979	75	50792	4.140 ug/l	#	49
38) Carbon Tetrachloride	7.979	117	60465	5.429 ug/l	#	14
76) 1,2,3-Trichloropropane	12.626	75	226515	50.566 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.626	75	226515	131.251 ug/l	#	18

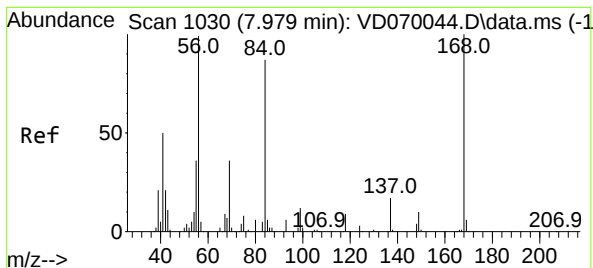
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :

Quant Time: Aug 17 03:56:45 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: VD070069.D

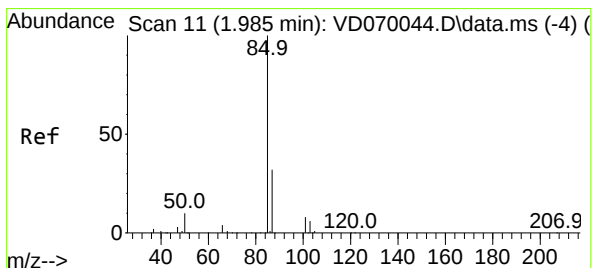
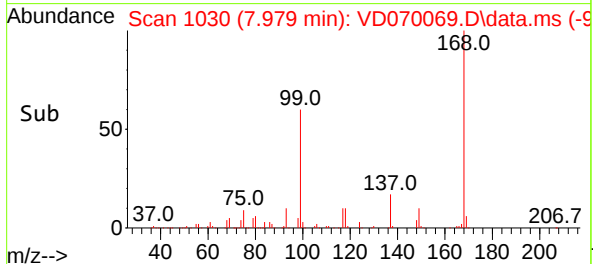
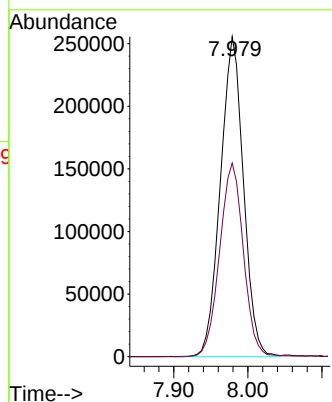
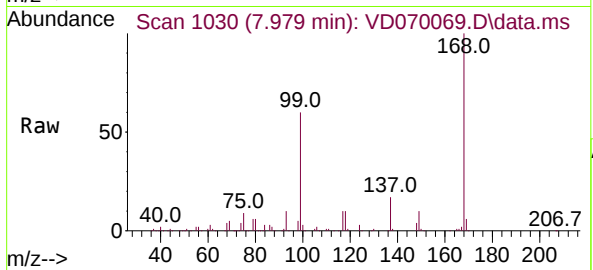
Acq: 16 Aug 2021 16:20

Tgt Ion:168 Resp: 551772

Ion Ratio Lower Upper

168 100

99 60.4 50.3 75.5



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.985 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD070069.D

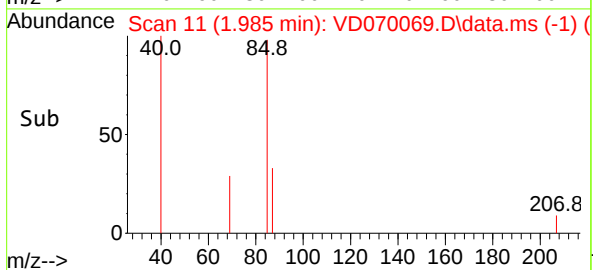
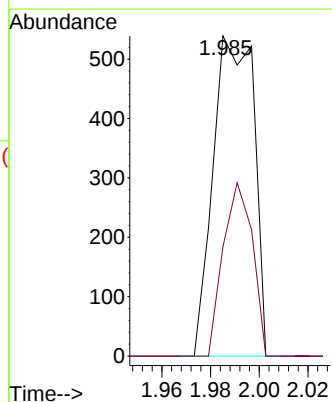
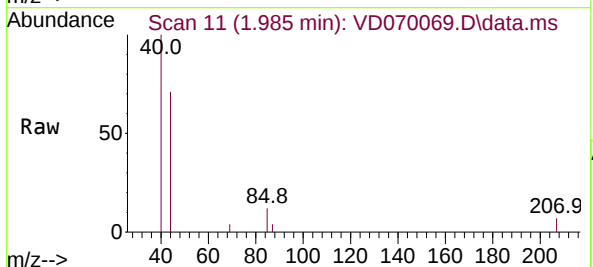
Acq: 16 Aug 2021 16:20

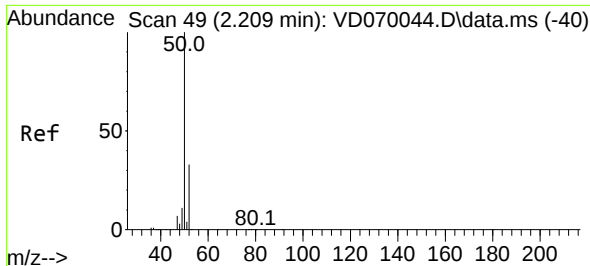
Tgt Ion: 85 Resp: 624

Ion Ratio Lower Upper

85 100

87 34.1 16.2 48.6

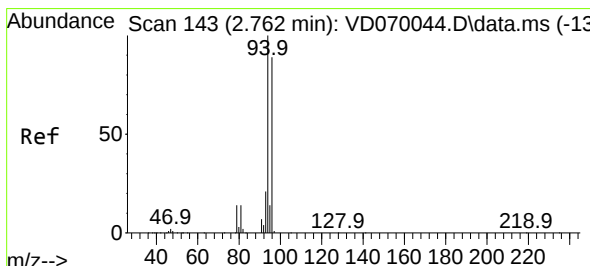
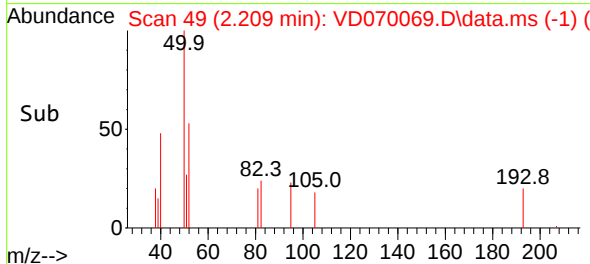
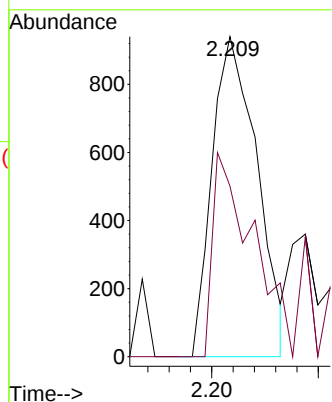
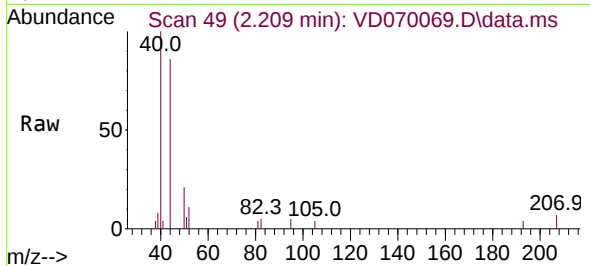




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070069.D
Acq: 16 Aug 2021 16:20

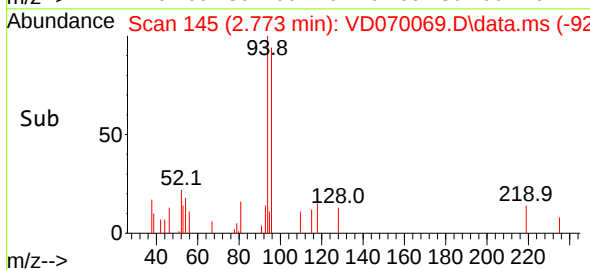
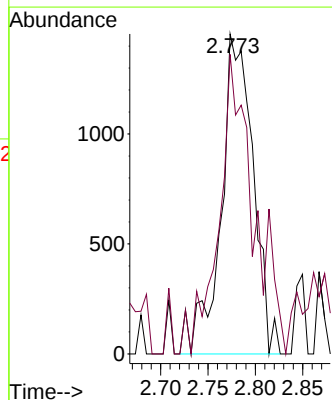
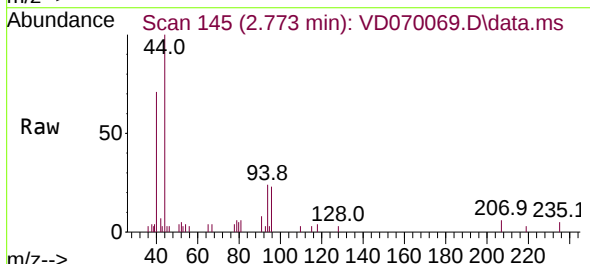
Instrument :
MSVOA_D
ClientSampled :

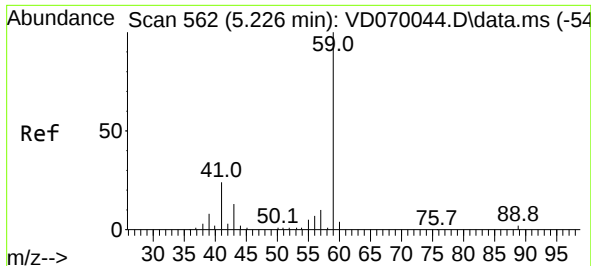
Tgt Ion: 50 Resp: 1379
Ion Ratio Lower Upper
50 100
52 53.3 26.3 39.5#



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.011 min
Lab File: VD070069.D
Acq: 16 Aug 2021 16:20

Tgt Ion: 94 Resp: 3452
Ion Ratio Lower Upper
94 100
96 93.6 70.9 106.3

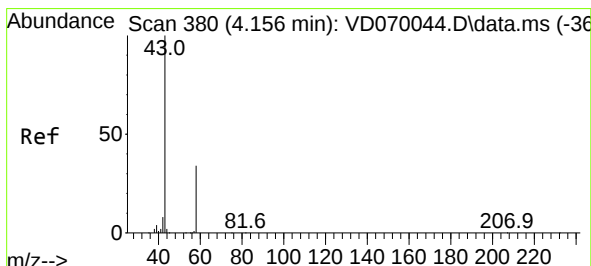
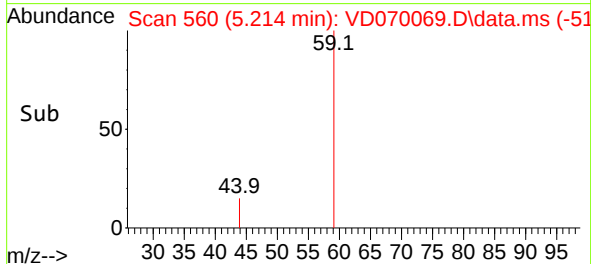
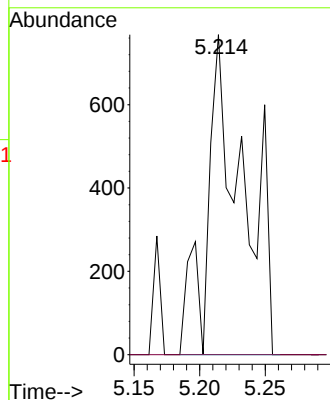
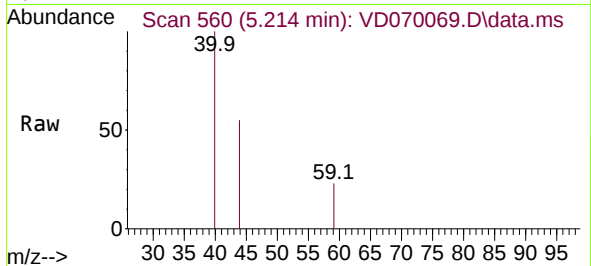




#11
Tert butyl alcohol
Concen: 4.087 ug/l
RT: 5.214 min Scan# 560
Delta R.T. -0.012 min
Lab File: VD070069.D
Acq: 16 Aug 2021 16:20

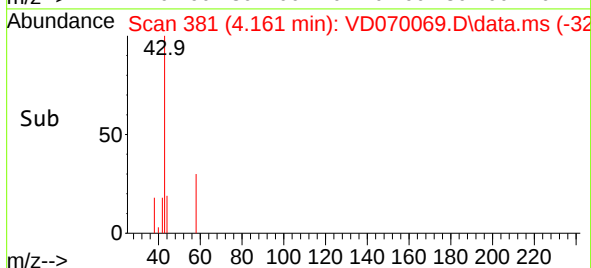
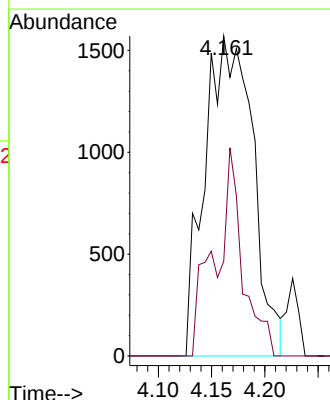
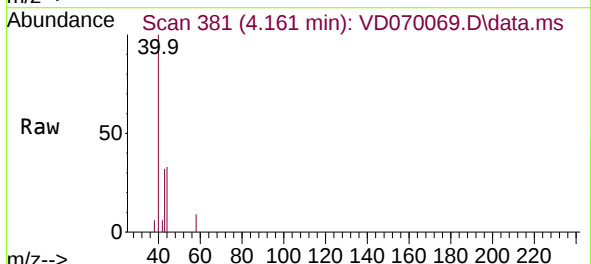
Instrument :
MSVOA_D
ClientSampled :

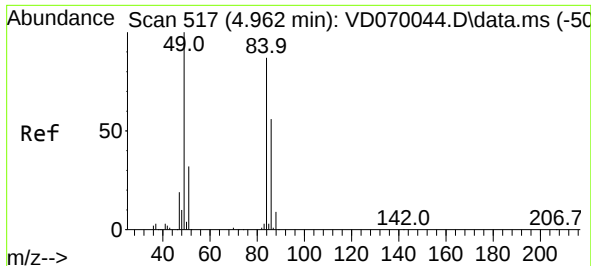
Tgt Ion: 59 Resp: 1466
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#



#16
Acetone
Concen: 4.131 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070069.D
Acq: 16 Aug 2021 16:20

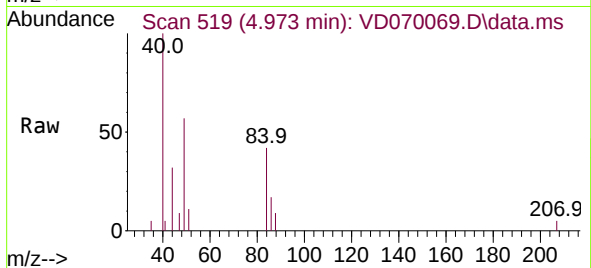
Tgt Ion: 43 Resp: 4939
Ion Ratio Lower Upper
43 100
58 29.5 26.8 40.2



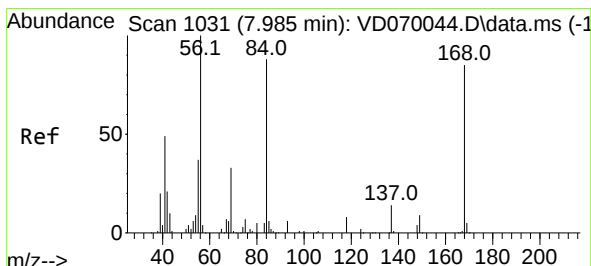
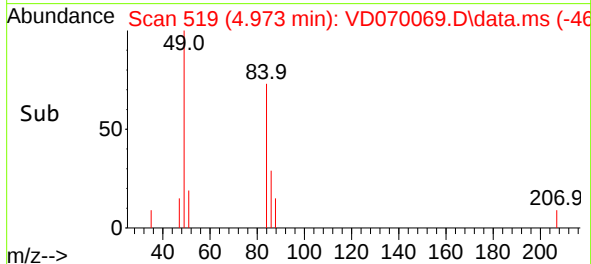
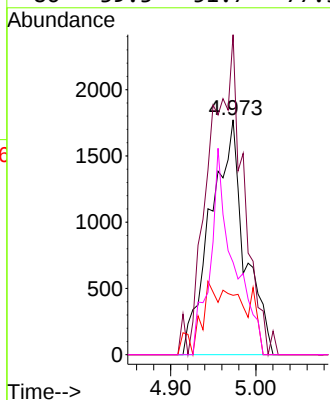


#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.011 min
Lab File: VD070069.D
Acq: 16 Aug 2021 16:20

Instrument :
MSVOA_D
ClientSampled :

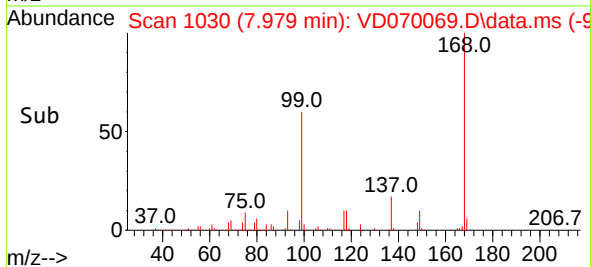
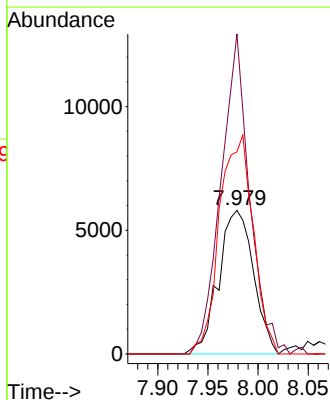
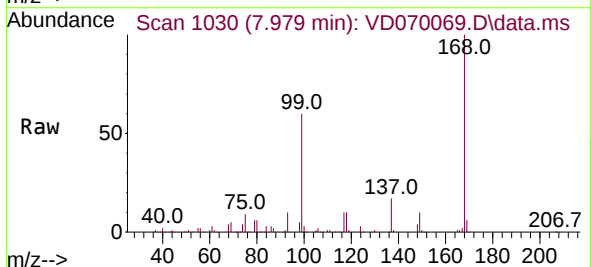


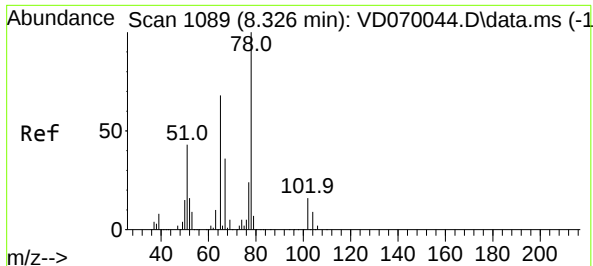
Tgt Ion:	84	Resp:	4940
Ion	Ratio	Lower	Upper
84	100		
49	136.2	92.5	138.7
51	25.3	29.7	44.5#
86	39.3	51.7	77.5#



#31
Cyclohexane
Concen: 1.097 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070069.D
Acq: 16 Aug 2021 16:20

Tgt Ion:	56	Resp:	14087
Ion	Ratio	Lower	Upper
56	100		
69	222.9	26.7	40.1#
84	140.7	70.4	105.6#



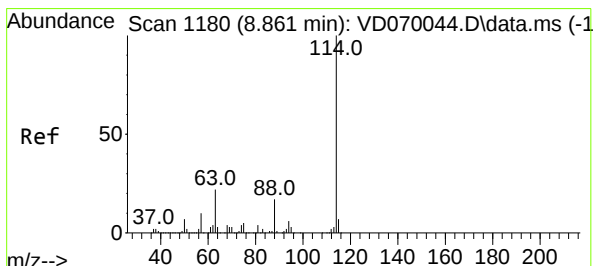
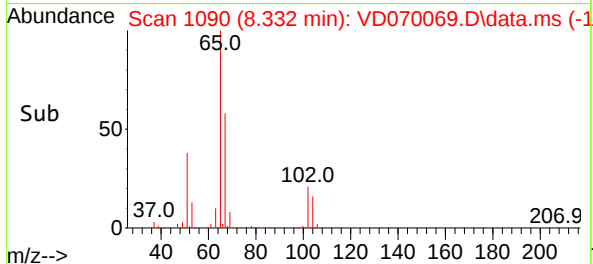
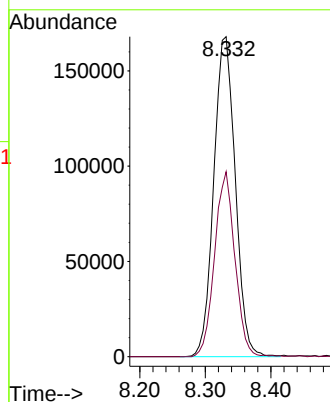
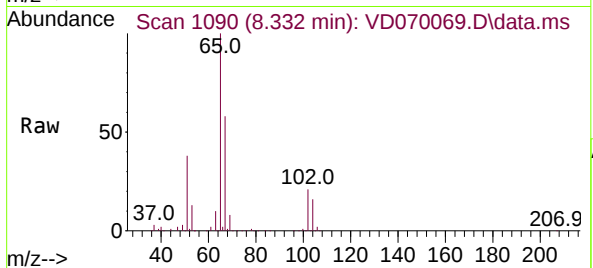


#33

1,2-Dichloroethane-d4
Concen: 58.910 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070069.D
Acq: 16 Aug 2021 16:20

Instrument :
MSVOA_D
ClientSampled :

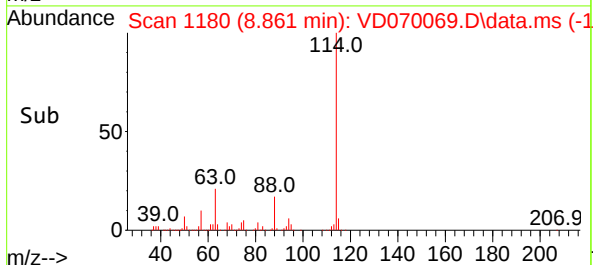
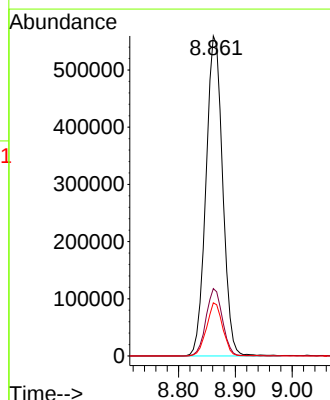
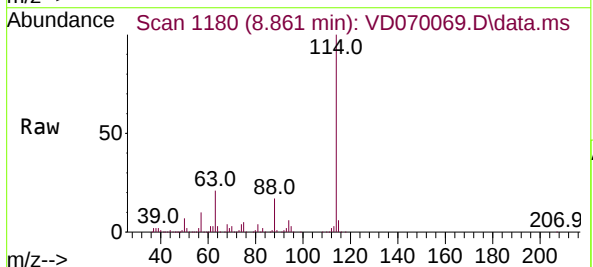
Tgt Ion: 65 Resp: 382307
Ion Ratio Lower Upper
65 100
67 54.6 0.0 107.8

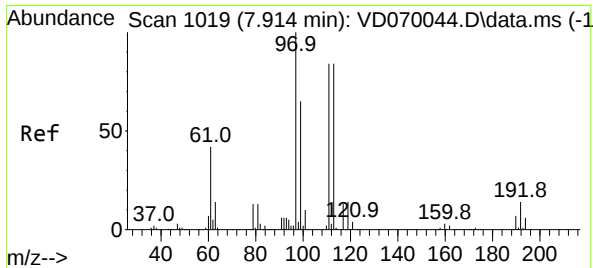


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070069.D
Acq: 16 Aug 2021 16:20

Tgt Ion:114 Resp: 1140381
Ion Ratio Lower Upper
114 100
63 21.0 0.0 43.6
88 16.6 0.0 33.4

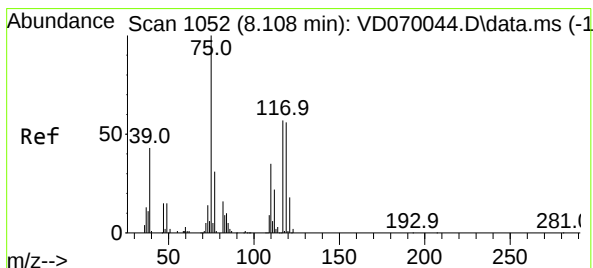
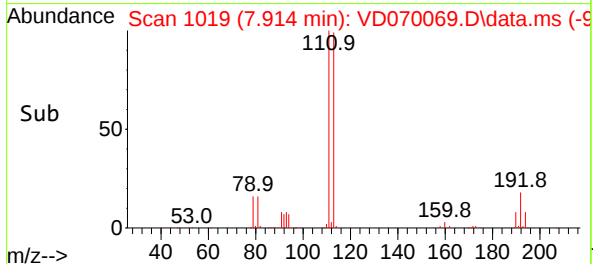
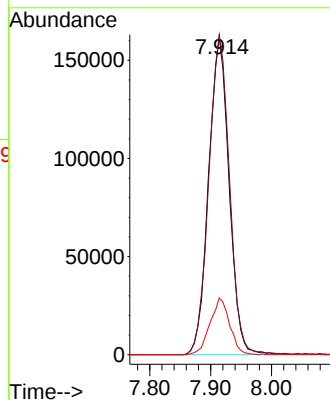
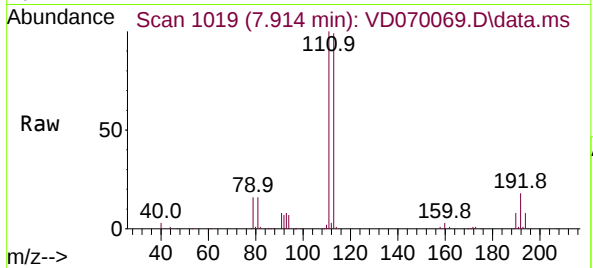




#35
Dibromofluoromethane
Concen: 51.399 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070069.D
Acq: 16 Aug 2021 16:20

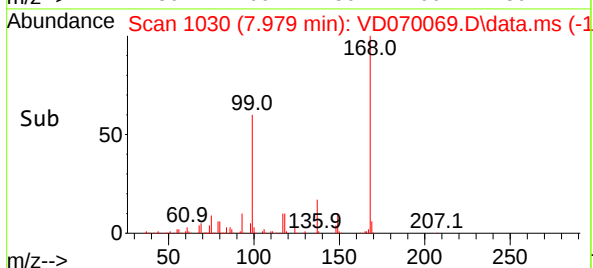
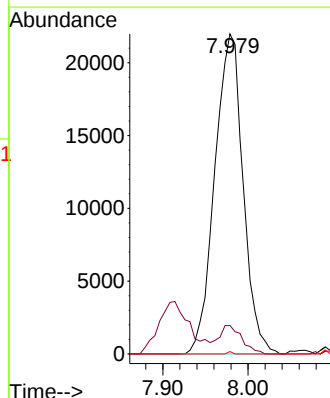
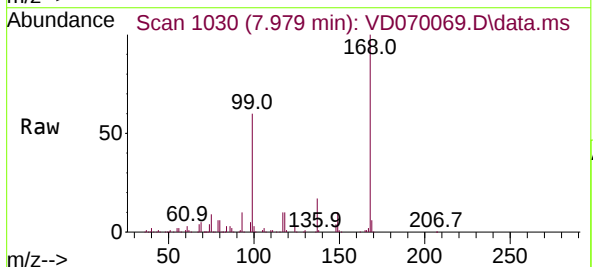
Instrument :
MSVOA_D
ClientSampleId :

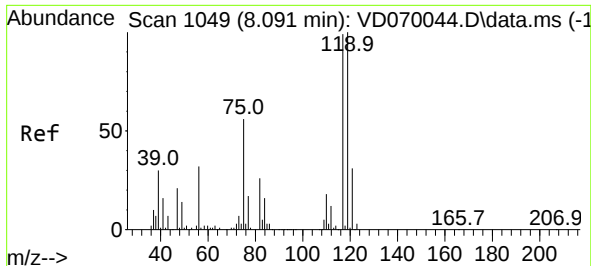
Tgt Ion:113 Resp: 378690
Ion Ratio Lower Upper
113 100
111 101.9 81.8 122.6
192 17.1 13.2 19.8



#36
1,1-Dichloropropene
Concen: 4.140 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.130 min
Lab File: VD070069.D
Acq: 16 Aug 2021 16:20

Tgt Ion: 75 Resp: 50792
Ion Ratio Lower Upper
75 100
110 7.3 16.9 50.7#
77 0.1 25.2 37.8#

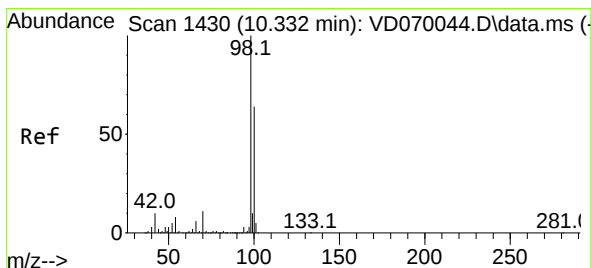
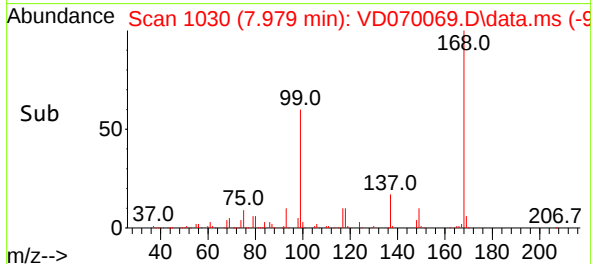
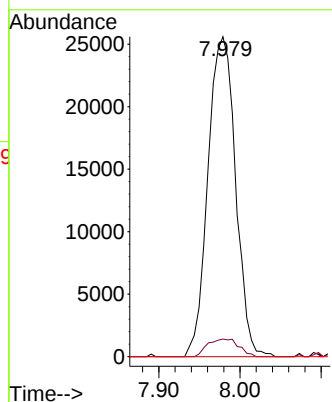
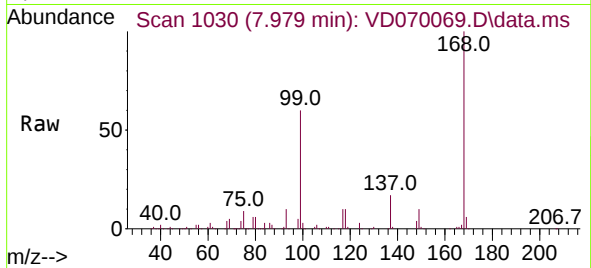




#38
Carbon Tetrachloride
Concen: 5.429 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.112 min
Lab File: VD070069.D
Acq: 16 Aug 2021 16:20

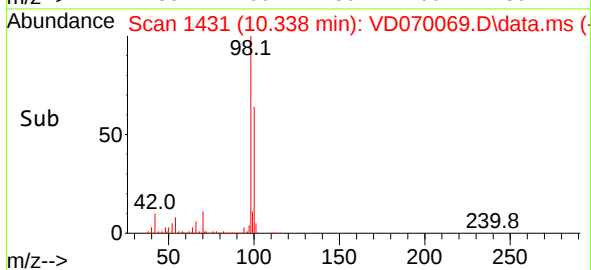
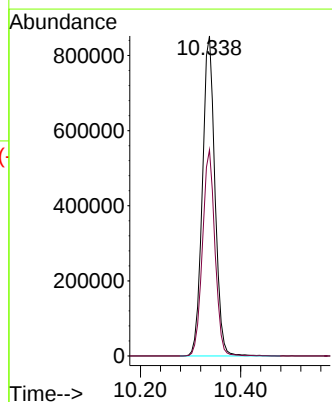
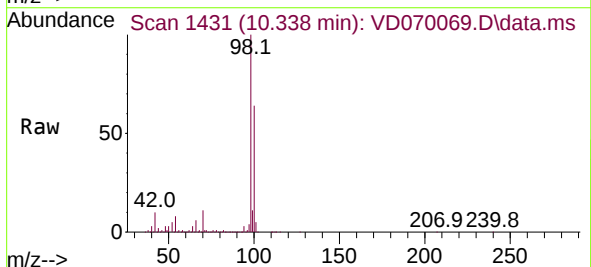
Instrument :
MSVOA_D
ClientSampled :

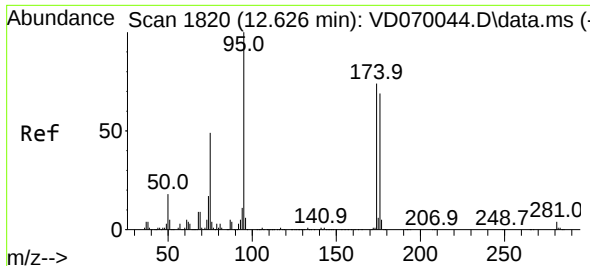
Tgt Ion:117 Resp: 60465
Ion Ratio Lower Upper
117 100
119 5.5 81.0 121.6#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 51.490 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070069.D
Acq: 16 Aug 2021 16:20

Tgt Ion: 98 Resp: 1475494
Ion Ratio Lower Upper
98 100
100 64.0 52.6 78.8

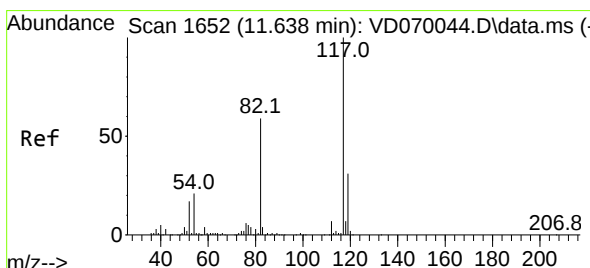
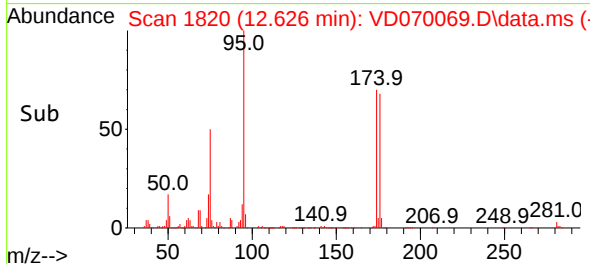
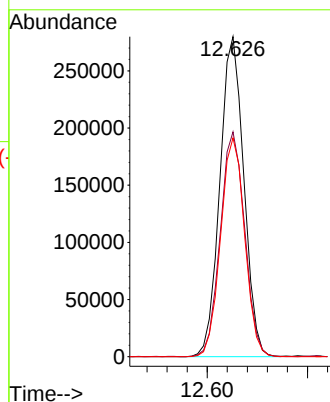
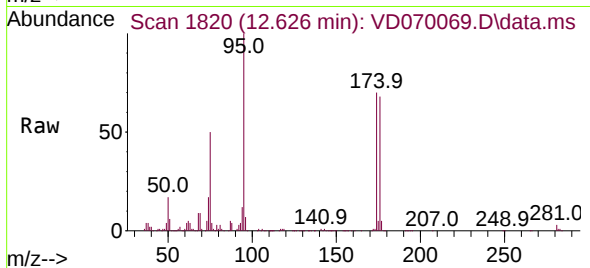




#62
4-Bromofluorobenzene
Concen: 48.990 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070069.D
Acq: 16 Aug 2021 16:20

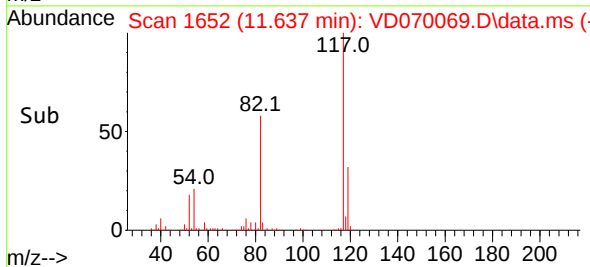
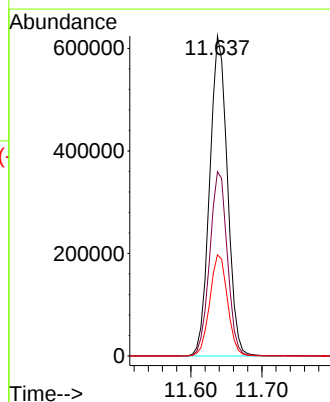
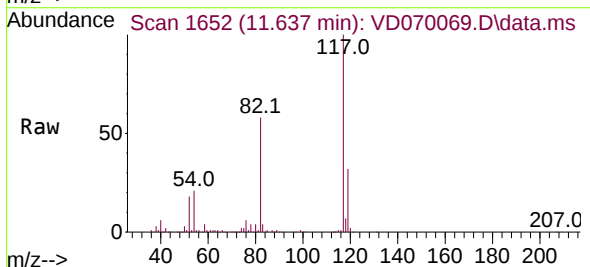
Instrument :
MSVOA_D
ClientSampleId :

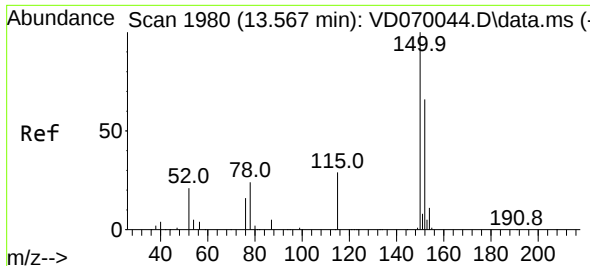
Tgt Ion: 95 Resp: 462389
Ion Ratio Lower Upper
95 100
174 71.8 0.0 141.6
176 68.5 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070069.D
Acq: 16 Aug 2021 16:20

Tgt Ion: 117 Resp: 1079494
Ion Ratio Lower Upper
117 100
82 57.6 47.5 71.3
119 31.6 25.1 37.7

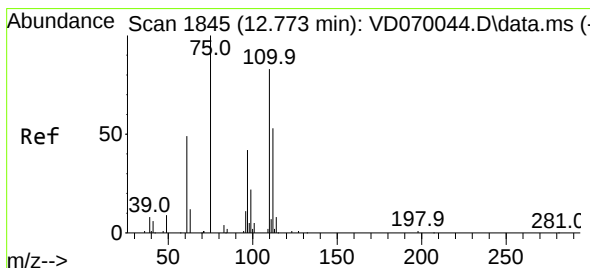
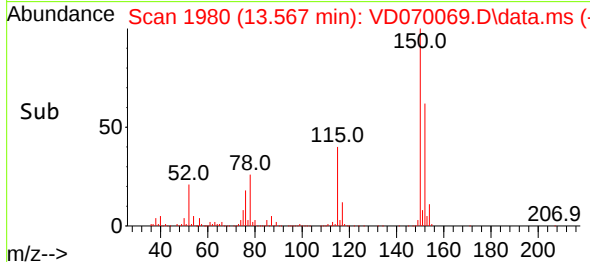
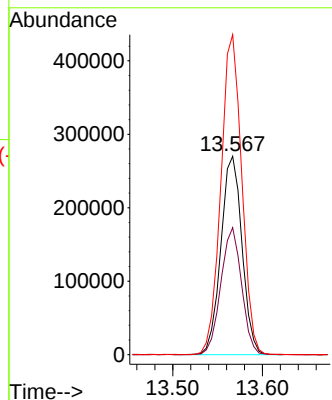
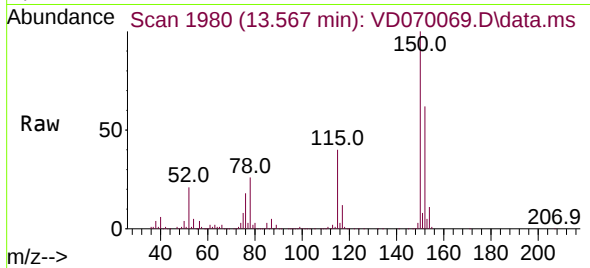




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070069.D
Acq: 16 Aug 2021 16:20

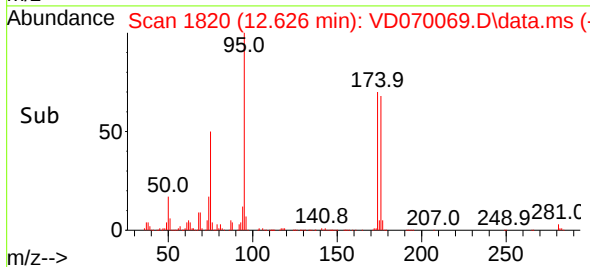
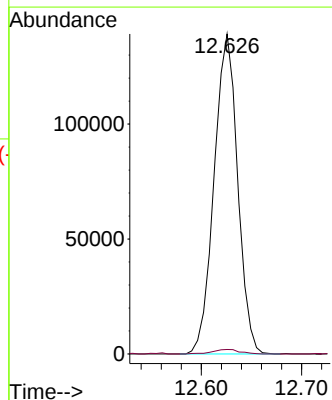
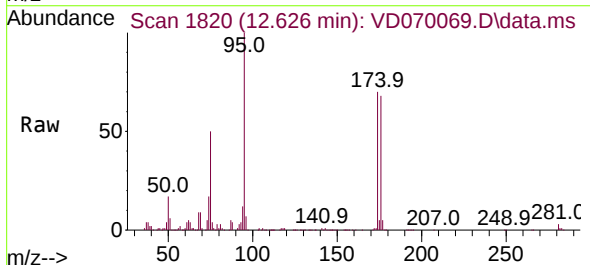
Instrument :
MSVOA_D
ClientSampleId :

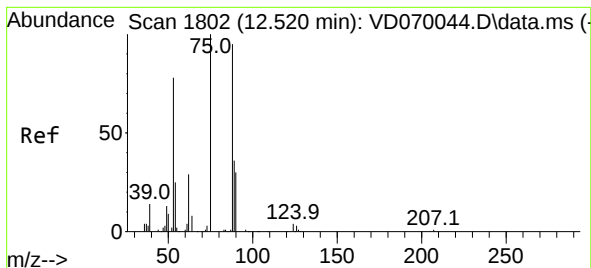
Tgt Ion:152 Resp: 441712
Ion Ratio Lower Upper
152 100
115 63.0 31.2 93.6
150 159.3 0.0 352.0



#76
1,2,3-Trichloropropane
Concen: 50.566 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070069.D
Acq: 16 Aug 2021 16:20

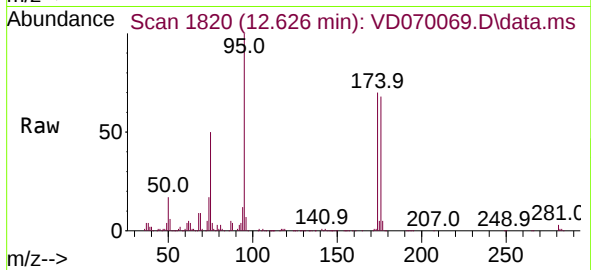
Tgt Ion: 75 Resp: 226515
Ion Ratio Lower Upper
75 100
77 1.6 182.4 547.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 131.251 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.106 min
 Lab File: VD070069.D
 Acq: 16 Aug 2021 16:20

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.3	64.5	96.7#
89	0.0	33.7	50.5#

