

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042921\
 Data File : VD069022.D
 Acq On : 29 Apr 2021 17:03
 Operator : VA/SY
 Sample : M2219-02
 Misc : 6.54G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 30 02:57:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

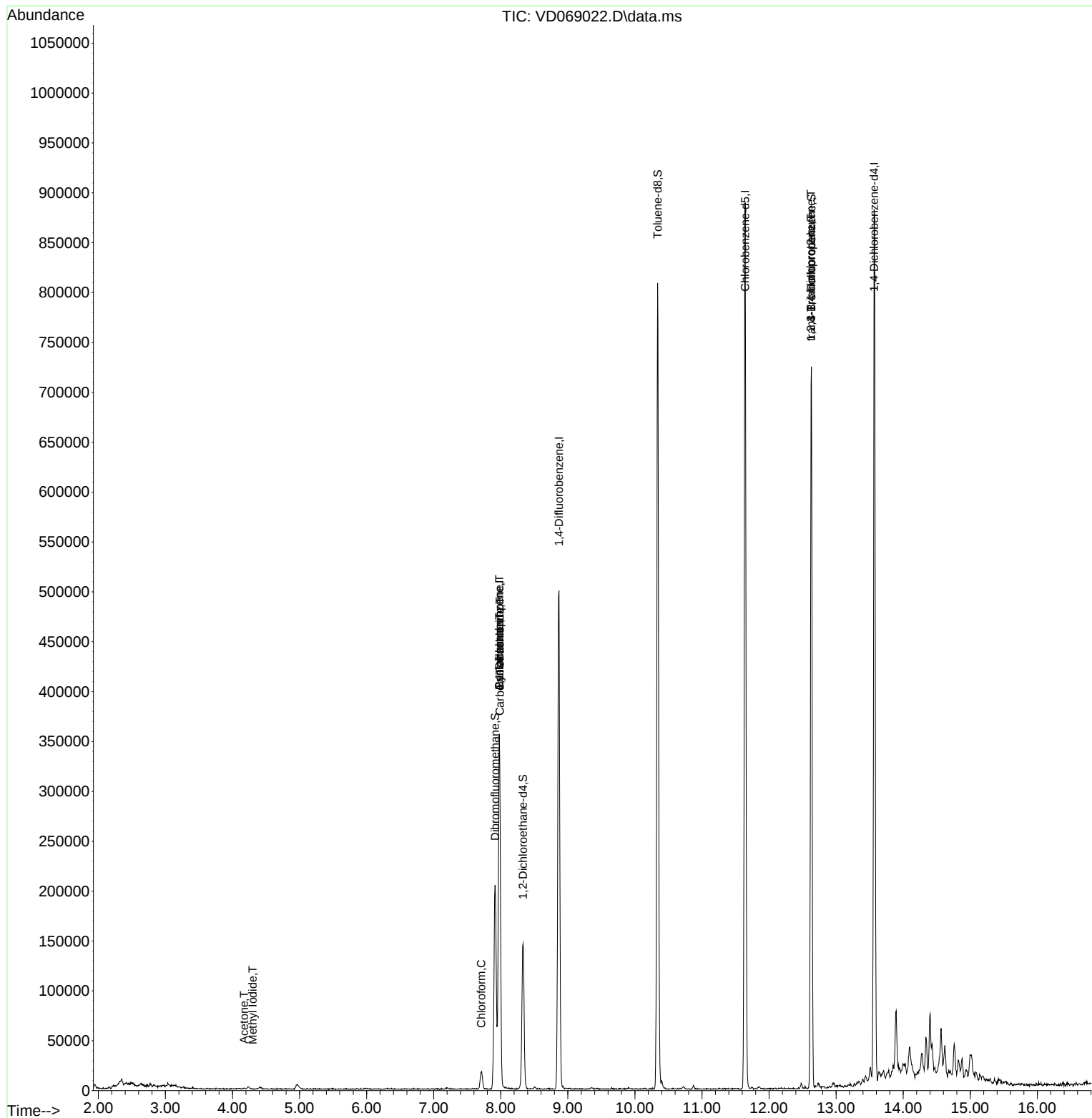
Internal Standards						
1) Pentafluorobenzene	7.979	168	278869	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	464057	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	545484	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	246467	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	119192	40.44	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	80.88%		
35) Dibromofluoromethane	7.914	113	146440	48.52	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.04%		
50) Toluene-d8	10.338	98	577688	50.73	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	101.46%		
62) 4-Bromofluorobenzene	12.632	95	235420	62.25	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	124.50%		
Target Compounds						Qvalue
10) Methyl Iodide	4.303	142	92	2.27	ug/l #	43
11) Tert butyl alcohol	5.073	59	53	Below Cal	#	73
16) Acetone	4.173	43	983	2.41	ug/l #	40
20) Methylene Chloride	4.956	84	2144	Below Cal		97
30) Chloroform	7.708	83	16916	2.69	ug/l	99
31) Cyclohexane	7.979	56	6037	1.23	ug/l #	29
36) 1,1-Dichloropropene	7.979	75	18828	4.01	ug/l #	48
38) Carbon Tetrachloride	7.985	117	26273	5.65	ug/l #	14
76) 1,2,3-Trichloropropane	12.626	75	113539	50.43	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	113539	117.02	ug/l #	16

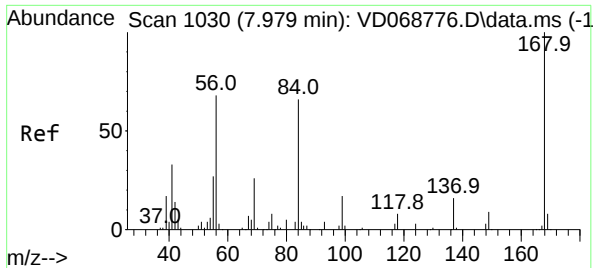
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

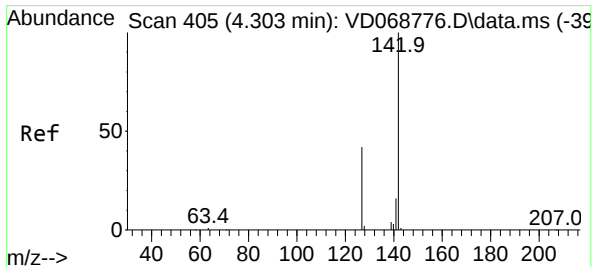
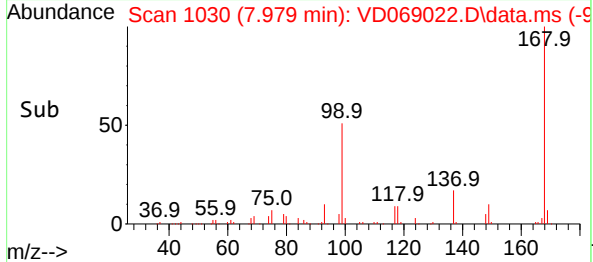
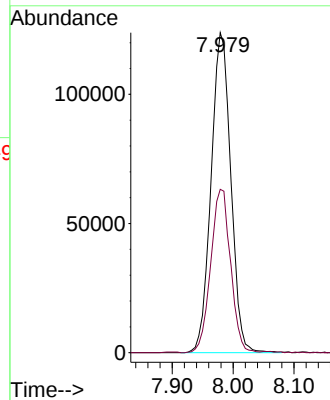
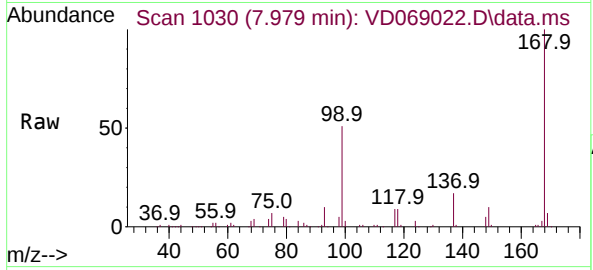




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069022.D
Acq: 29 Apr 2021 17:03

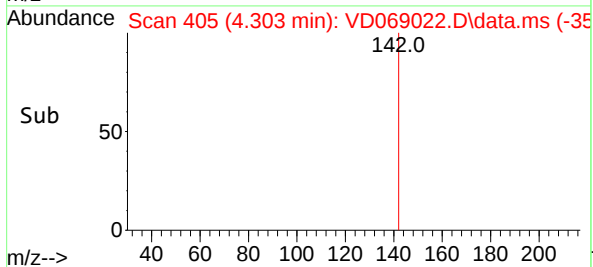
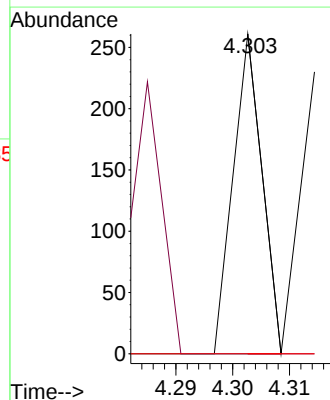
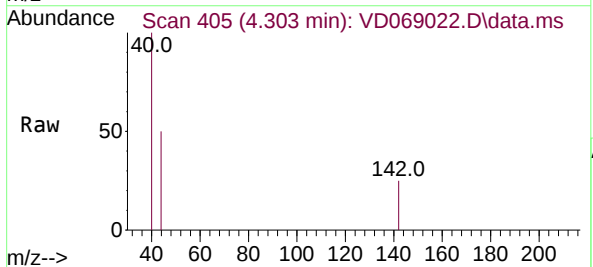
Instrument :
MSVOA_D
ClientSampleId :

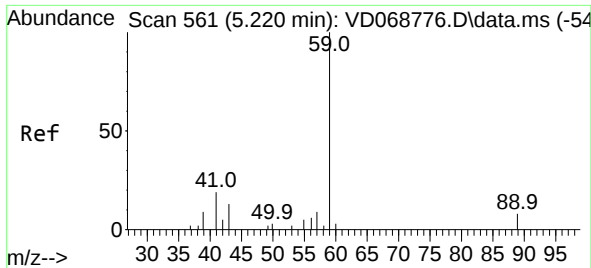
Tgt Ion:168 Resp: 278869
Ion Ratio Lower Upper
168 100
99 51.1 46.2 69.2



#10
Methyl Iodide
Concen: 2.27 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD069022.D
Acq: 29 Apr 2021 17:03

Tgt Ion:142 Resp: 92
Ion Ratio Lower Upper
142 100
127 84.8 34.7 52.1#
141 0.0 11.0 16.4#

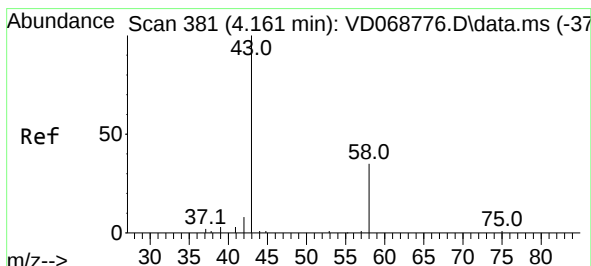
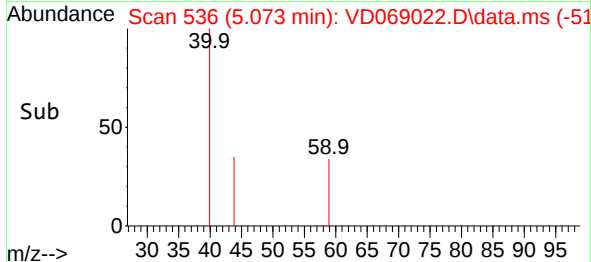
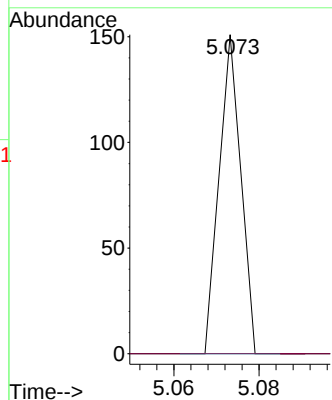
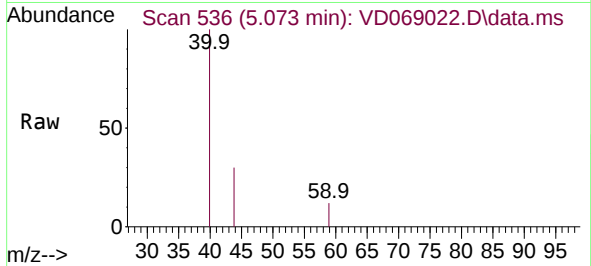




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.073 min Scan# 536
Delta R.T. -0.147 min
Lab File: VD069022.D
Acq: 29 Apr 2021 17:03

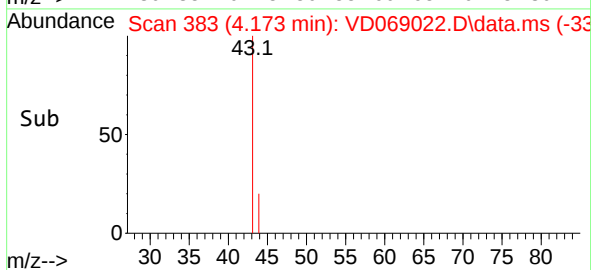
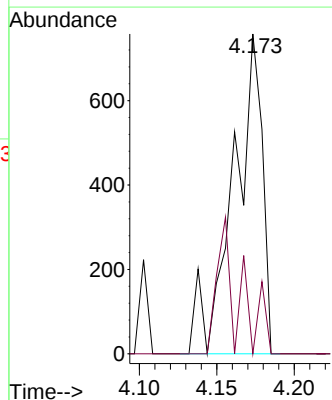
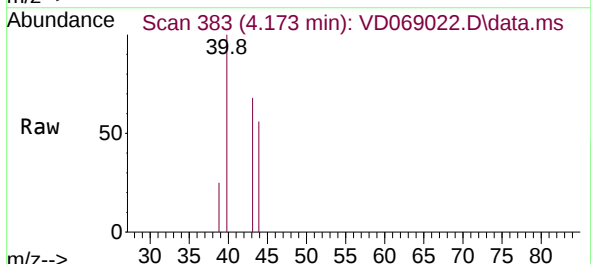
Instrument :
MSVOA_D
ClientSampleId :

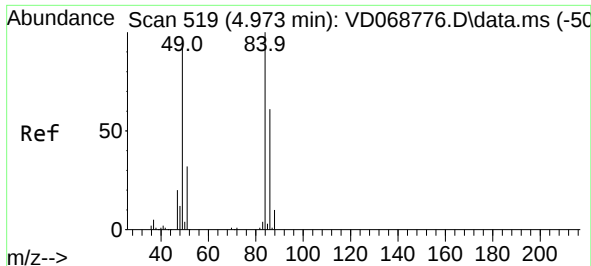
Tgt Ion: 59 Resp: 53
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 2.41 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.012 min
Lab File: VD069022.D
Acq: 29 Apr 2021 17:03

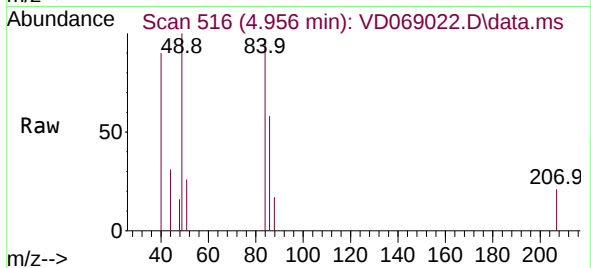
Tgt Ion: 43 Resp: 983
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



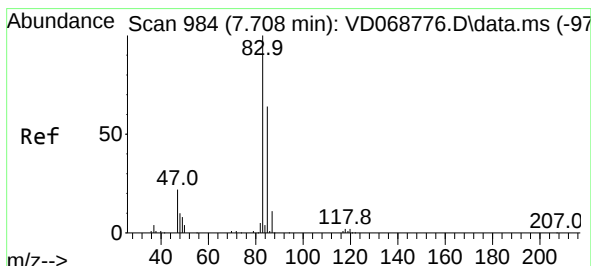
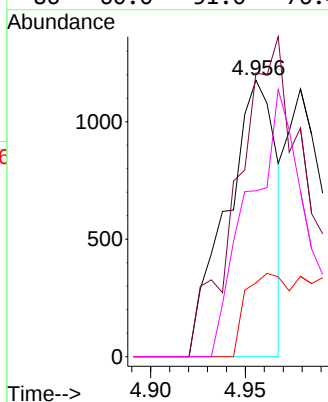
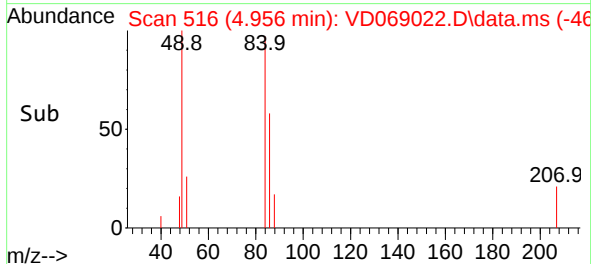


#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.017 min
Lab File: VD069022.D
Acq: 29 Apr 2021 17:03

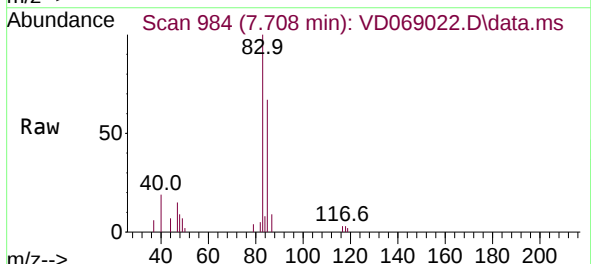
Instrument :
MSVOA_D
ClientSampleId :



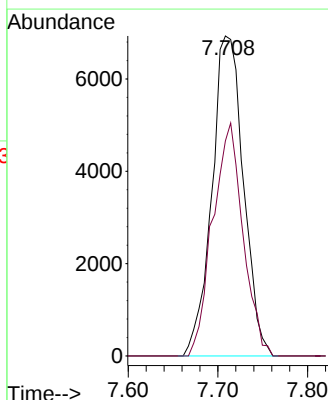
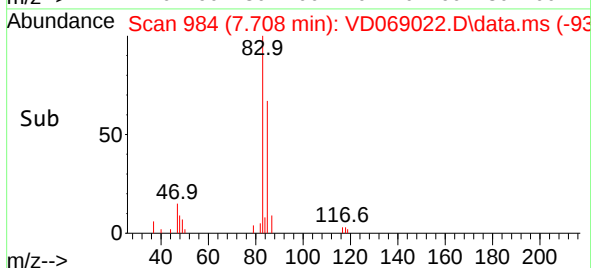
Tgt Ion:	84	Resp:	2144
Ion	Ratio	Lower	Upper
84	100		
49	102.6	83.4	125.0
51	26.7	23.4	35.2
86	60.0	51.0	76.4

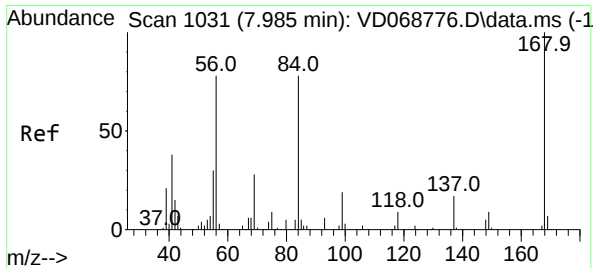


#30
Chloroform
Concen: 2.69 ug/l
RT: 7.708 min Scan# 984
Delta R.T. 0.000 min
Lab File: VD069022.D
Acq: 29 Apr 2021 17:03



Tgt Ion:	83	Resp:	16916
Ion	Ratio	Lower	Upper
83	100		
85	67.2	53.3	79.9

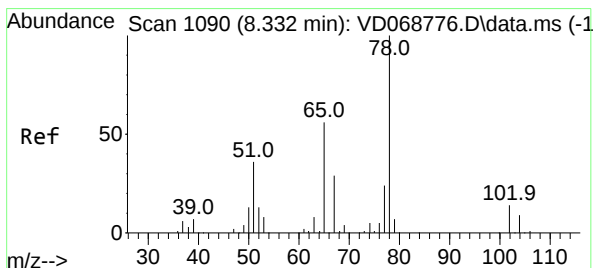
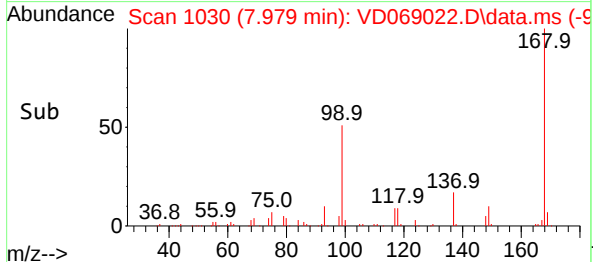
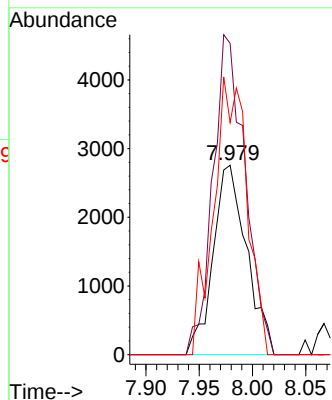
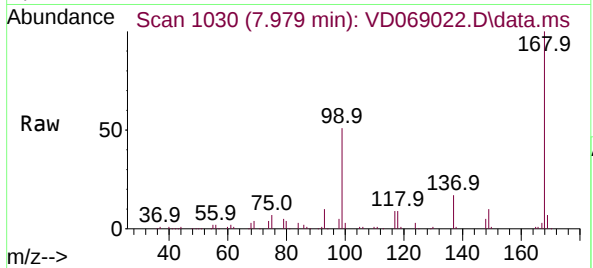




#31
Cyclohexane
Concen: 1.23 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069022.D
Acq: 29 Apr 2021 17:03

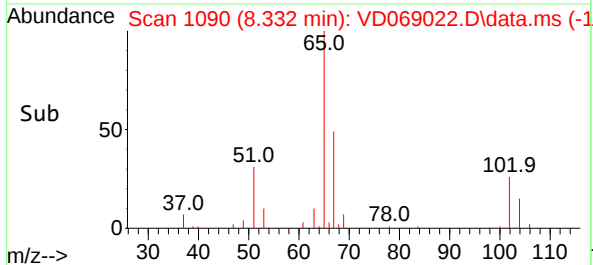
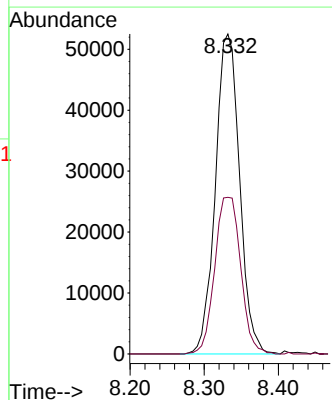
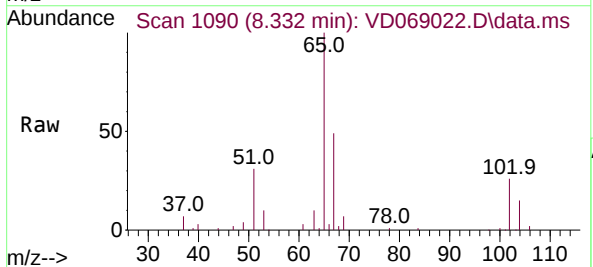
Instrument :
MSVOA_D
ClientSampleId :

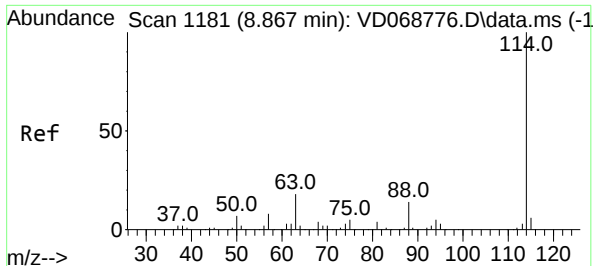
Tgt Ion: 56 Resp: 6037
Ion Ratio Lower Upper
56 100
69 164.3 30.0 45.0#
84 122.6 82.0 123.0



#33
1,2-Dichloroethane-d4
Concen: 40.44 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069022.D
Acq: 29 Apr 2021 17:03

Tgt Ion: 65 Resp: 119192
Ion Ratio Lower Upper
65 100
67 52.4 0.0 106.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.867 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VD069022.D

Acq: 29 Apr 2021 17:03

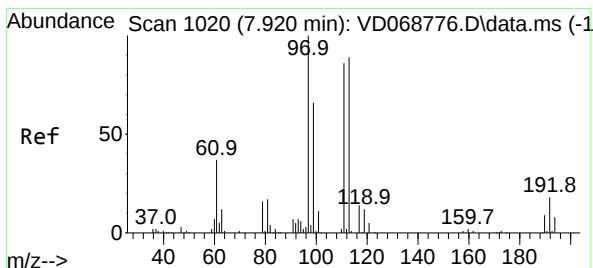
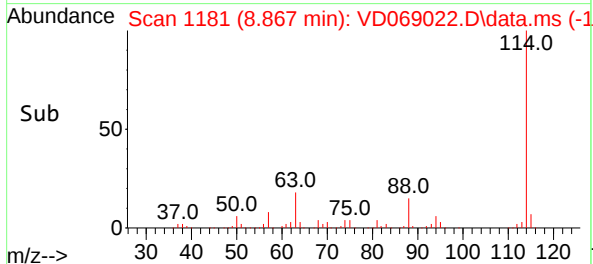
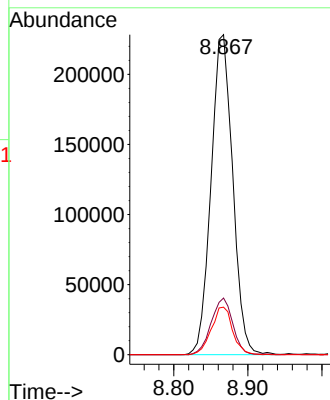
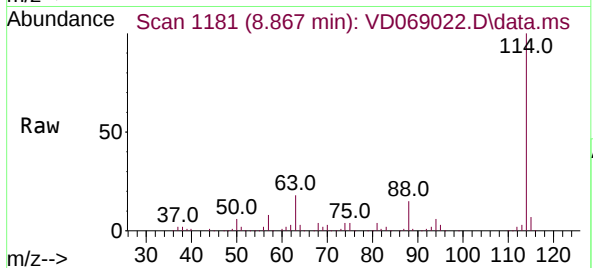
Tgt Ion:114 Resp: 464057

Ion Ratio Lower Upper

114 100

63 17.7 0.0 38.2

88 14.9 0.0 29.4



#35

Dibromofluoromethane

Concen: 48.52 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD069022.D

Acq: 29 Apr 2021 17:03

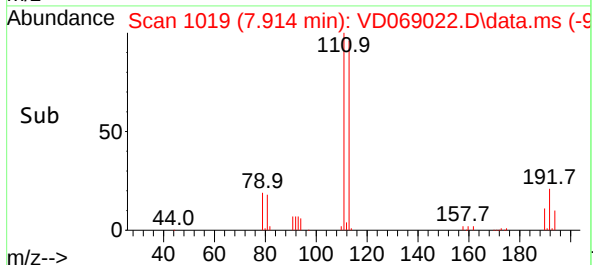
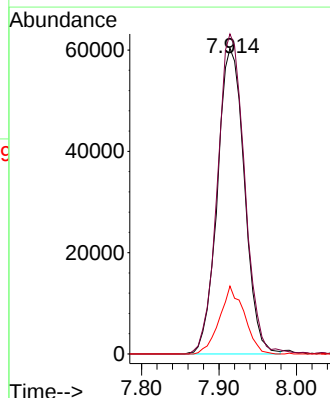
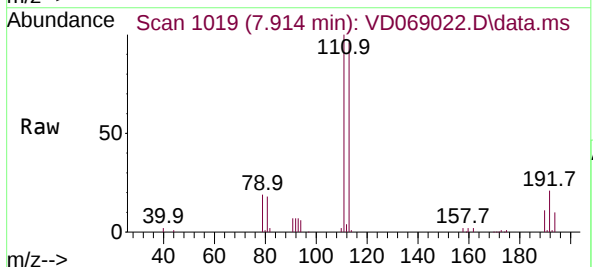
Tgt Ion:113 Resp: 146440

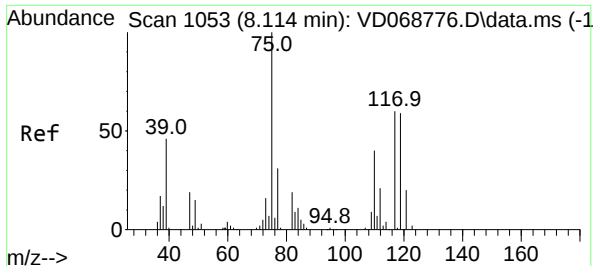
Ion Ratio Lower Upper

113 100

111 105.5 82.5 123.7

192 20.4 15.1 22.7

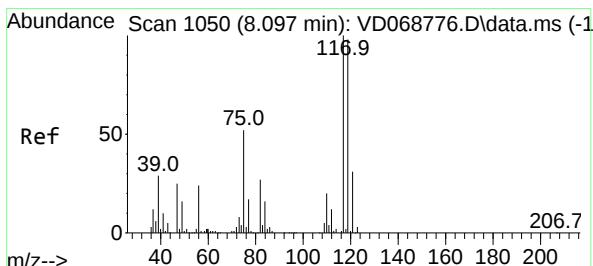
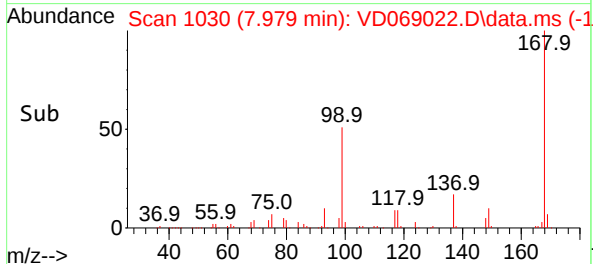
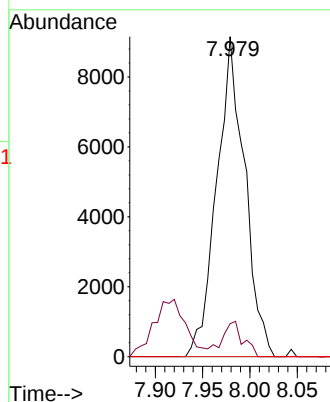
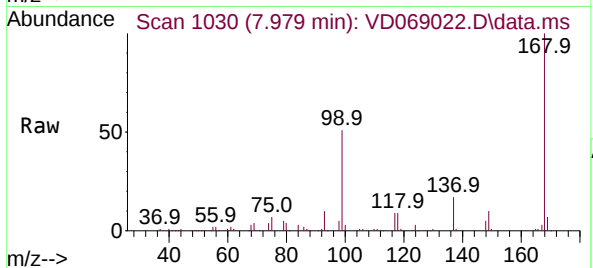




#36
1,1-Dichloropropene
Concen: 4.01 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD069022.D
Acq: 29 Apr 2021 17:03

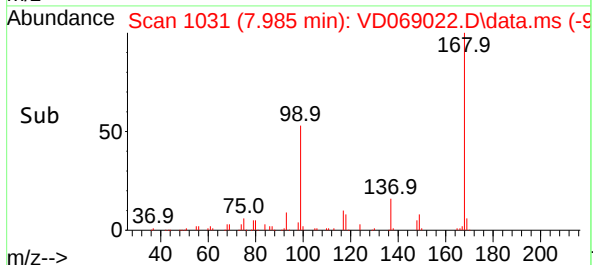
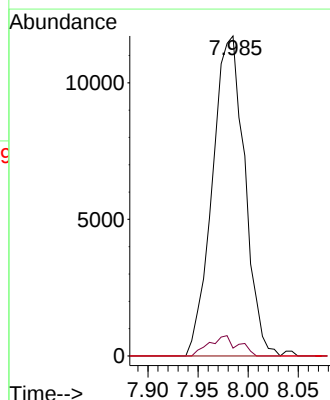
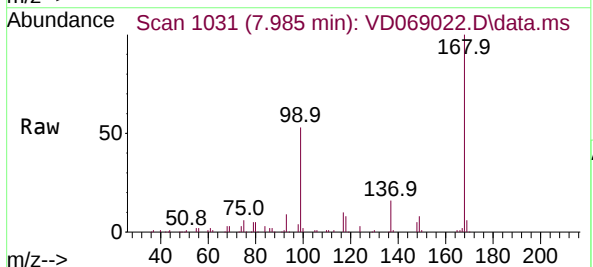
Instrument :
MSVOA_D
ClientSampleId :

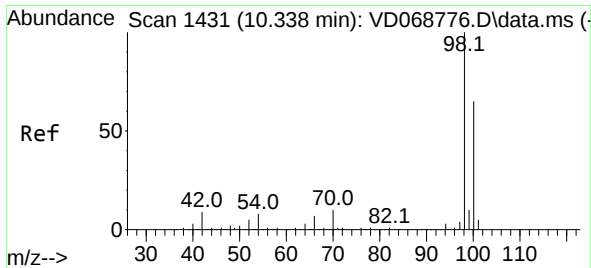
Tgt Ion: 75 Resp: 18828
Ion Ratio Lower Upper
75 100
110 8.2 18.1 54.4#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.65 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD069022.D
Acq: 29 Apr 2021 17:03

Tgt Ion: 117 Resp: 26273
Ion Ratio Lower Upper
117 100
119 2.4 76.6 115.0#
121 0.0 26.1 39.1#

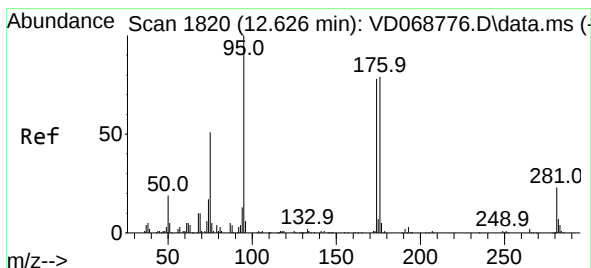
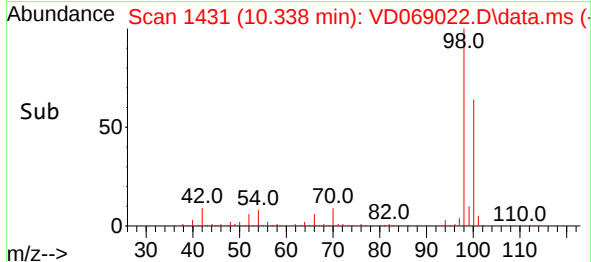
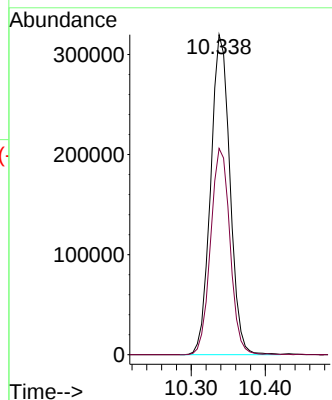
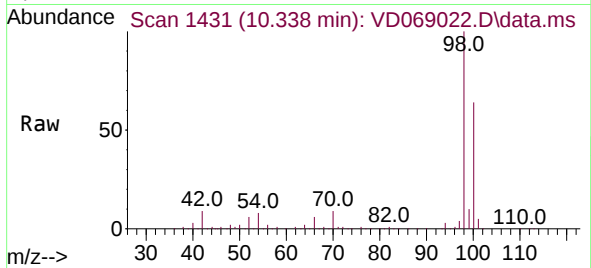




#50
Toluene-d8
Concen: 50.73 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069022.D
Acq: 29 Apr 2021 17:03

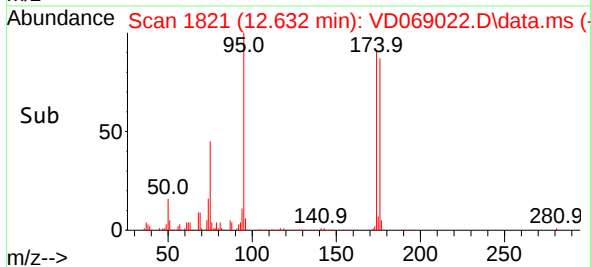
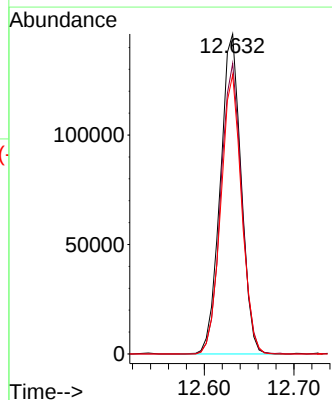
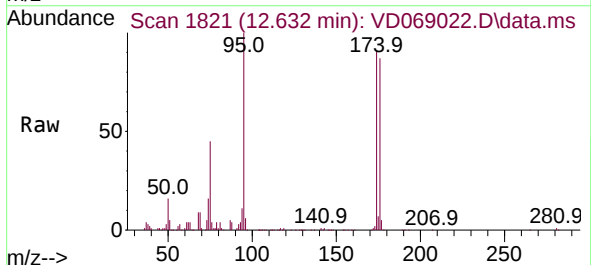
Instrument :
MSVOA_D
ClientSampleId :

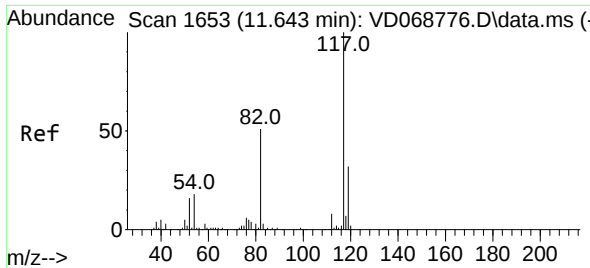
Tgt Ion: 98 Resp: 577688
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 62.25 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD069022.D
Acq: 29 Apr 2021 17:03

Tgt Ion: 95 Resp: 235420
Ion Ratio Lower Upper
95 100
174 90.8 0.0 168.0
176 86.8 0.0 160.2

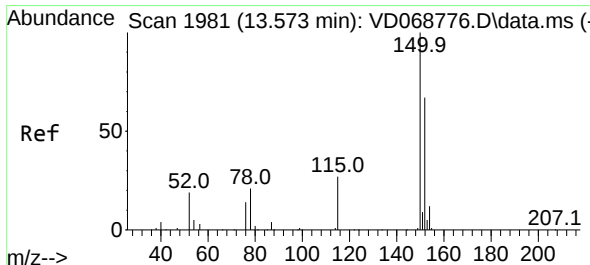
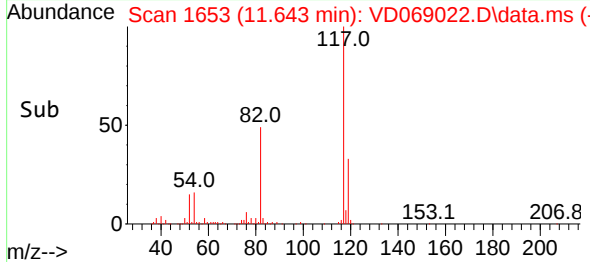
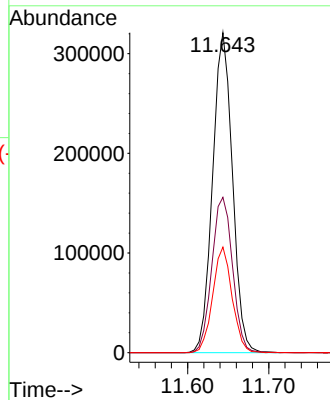
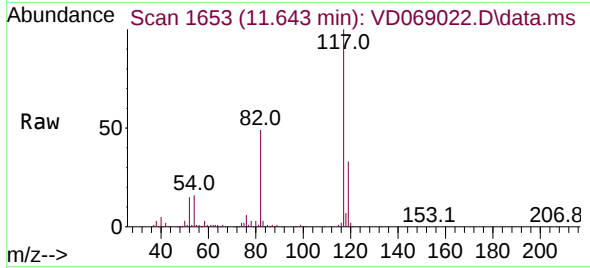




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069022.D
Acq: 29 Apr 2021 17:03

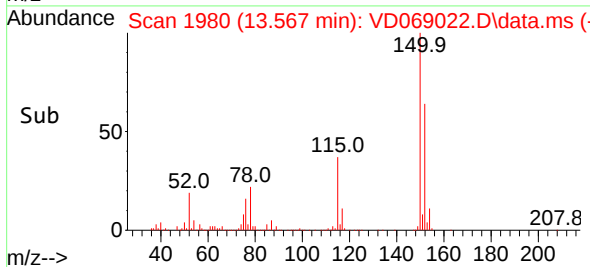
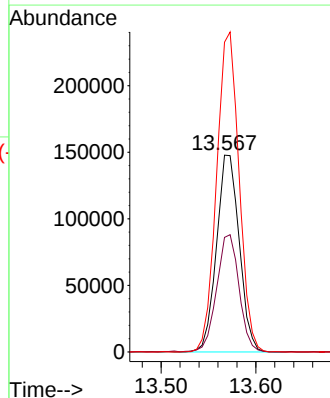
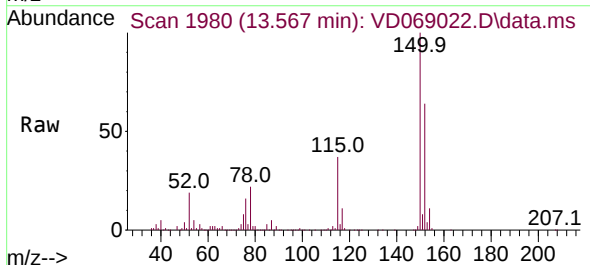
Instrument :
MSVOA_D
ClientSampled :

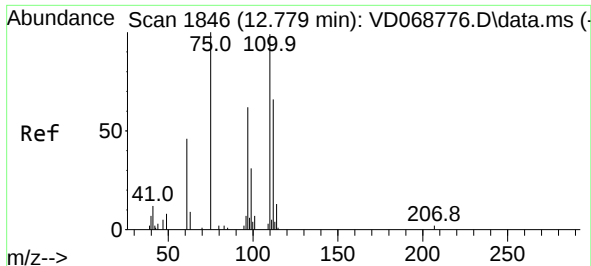
Tgt Ion:117 Resp: 545484
Ion Ratio Lower Upper
117 100
82 48.5 43.5 65.3
119 33.0 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD069022.D
Acq: 29 Apr 2021 17:03

Tgt Ion:152 Resp: 246467
Ion Ratio Lower Upper
152 100
115 58.9 29.3 87.8
150 160.5 0.0 347.6

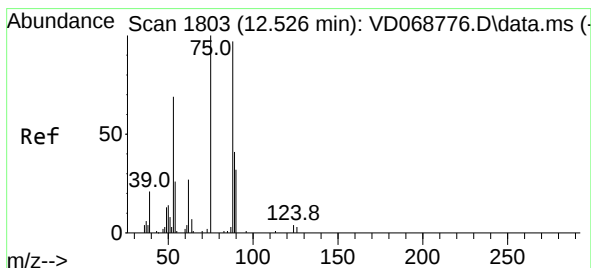
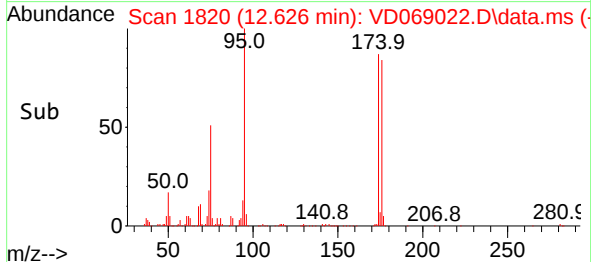
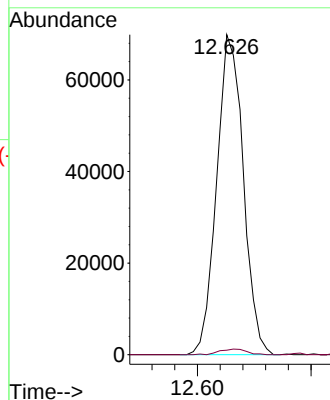
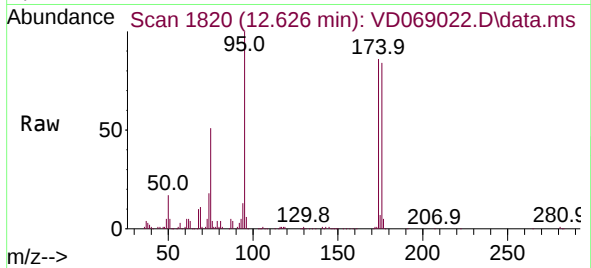




#76
1,2,3-Trichloropropane
Concen: 50.43 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.153 min
Lab File: VD069022.D
Acq: 29 Apr 2021 17:03

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 113539
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 117.02 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069022.D
Acq: 29 Apr 2021 17:03

Tgt Ion: 75 Resp: 113539
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.0 36.6 54.8#

