

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042121\
 Data File : VD068927.D
 Acq On : 21 Apr 2021 15:21
 Operator : VA/SY
 Sample : M2106-04
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 22 10:21:03 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

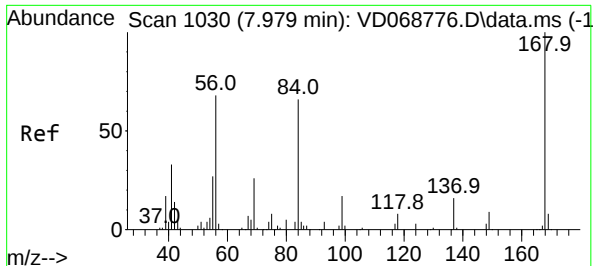
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.985	168	322181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	559883	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	644226	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	319620	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	144497	42.44	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	84.88%		
35) Dibromofluoromethane	7.914	113	174170	47.83	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.66%		
50) Toluene-d8	10.338	98	723042	52.63	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	105.26%		
62) 4-Bromofluorobenzene	12.632	95	279225	61.20	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	122.40%		
Target Compounds						Qvalue
10) Methyl Iodide	4.338	142	160	2.29	ug/l #	41
11) Tert butyl alcohol	5.191	59	1403	Below Cal	#	73
16) Acetone	4.156	43	3143	6.67	ug/l	93
20) Methylene Chloride	4.967	84	38323	5.78	ug/l #	80
31) Cyclohexane	7.985	56	7153	1.26	ug/l #	27
36) 1,1-Dichloropropene	7.979	75	23475	4.14	ug/l #	50
76) 1,2,3-Trichloropropane	12.632	75	140370	48.07	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	140370	111.56	ug/l #	16

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

Quant Time: Apr 22 10:21:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

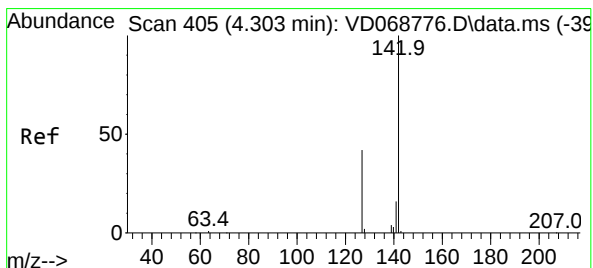
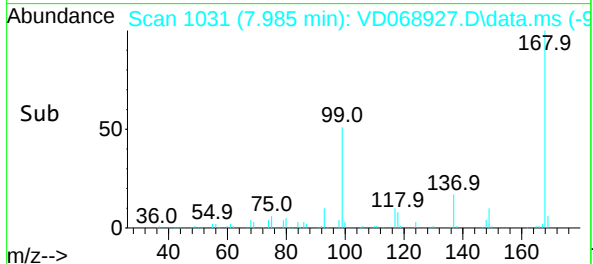
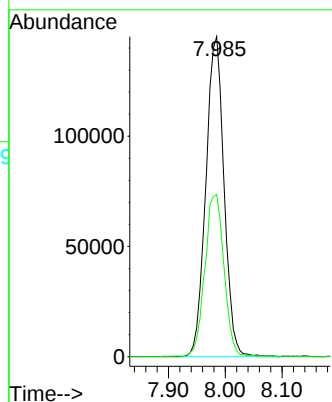
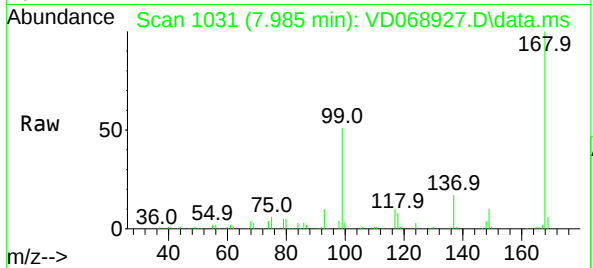




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068927.D
Acq: 21 Apr 2021 15:21

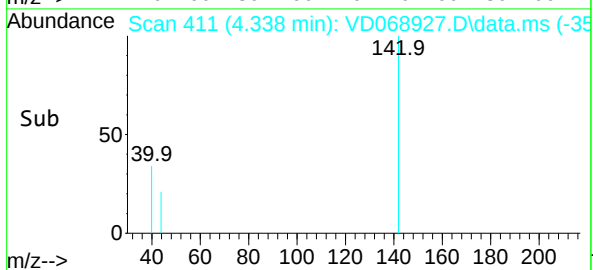
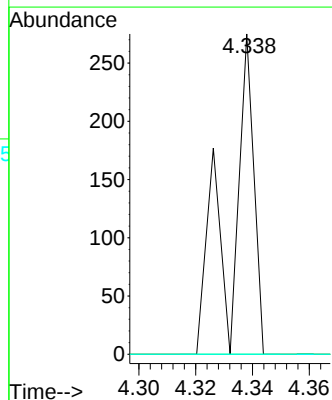
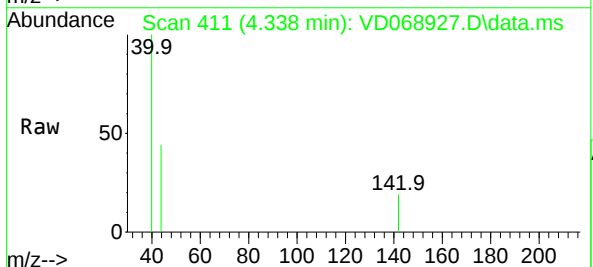
Instrument :
MSVOA_D
ClientSampled :

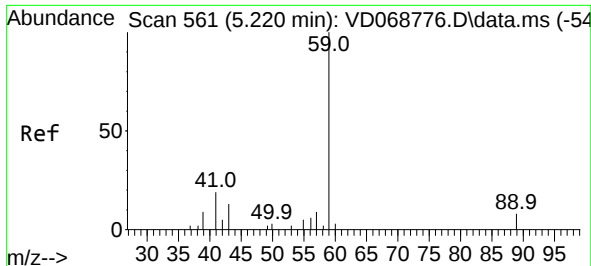
Tgt Ion:168 Resp: 322181
Ion Ratio Lower Upper
168 100
99 50.5 46.2 69.2



#10
Methyl Iodide
Concen: 2.29 ug/l
RT: 4.338 min Scan# 411
Delta R.T. 0.035 min
Lab File: VD068927.D
Acq: 21 Apr 2021 15:21

Tgt Ion:142 Resp: 160
Ion Ratio Lower Upper
142 100
127 0.0 34.7 52.1#
141 0.0 11.0 16.4#

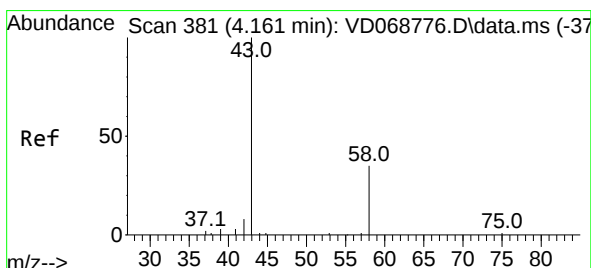
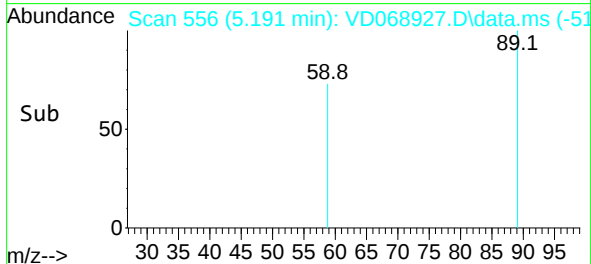
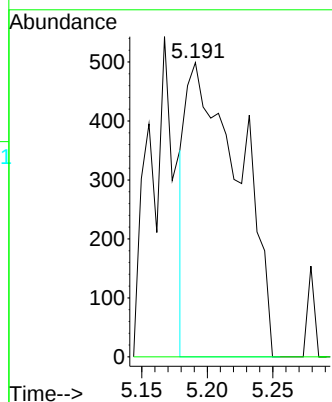
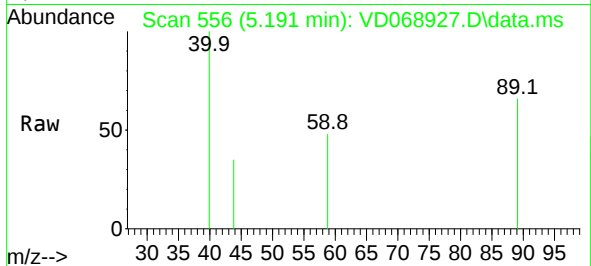




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.191 min Scan# 556
Delta R.T. -0.029 min
Lab File: VD068927.D
Acq: 21 Apr 2021 15:21

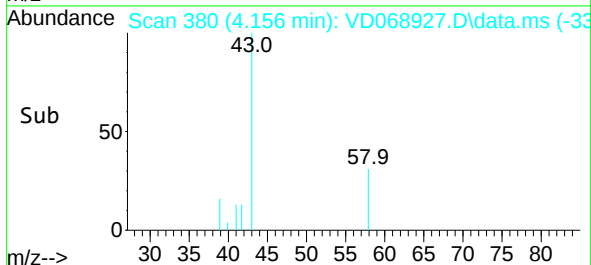
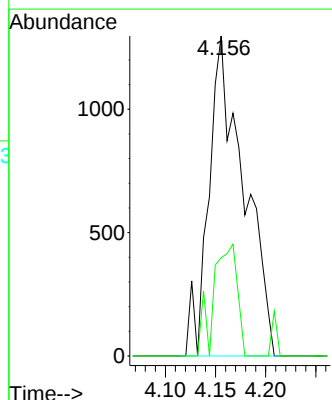
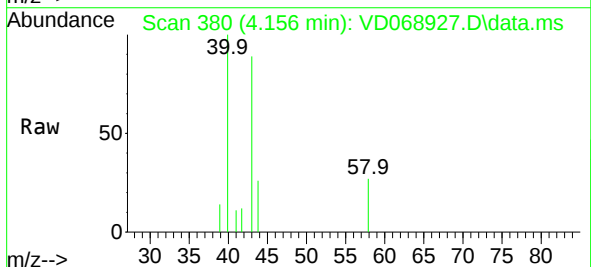
Instrument :
MSVOA_D
ClientSampled :

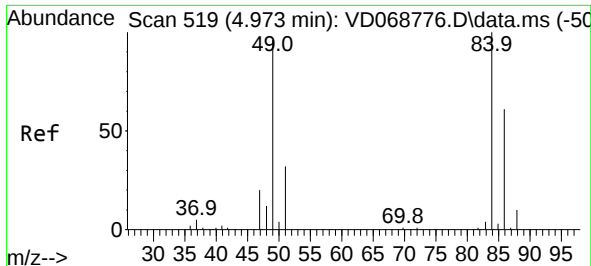
Tgt Ion: 59 Resp: 1403
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 6.67 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.005 min
Lab File: VD068927.D
Acq: 21 Apr 2021 15:21

Tgt Ion: 43 Resp: 3143
Ion Ratio Lower Upper
43 100
58 30.7 28.0 42.0

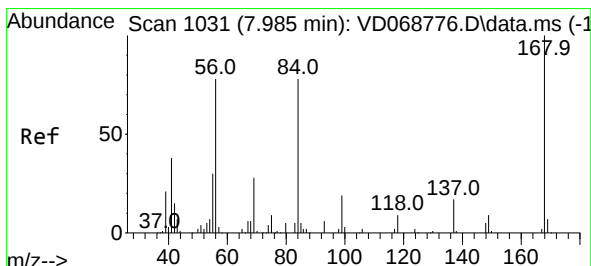
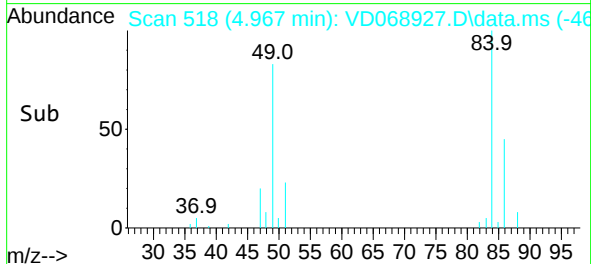
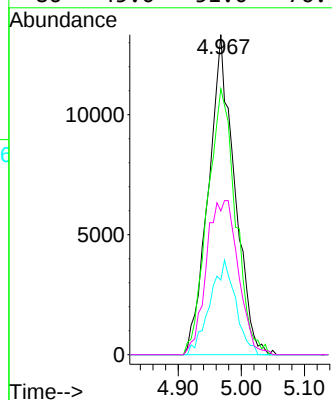
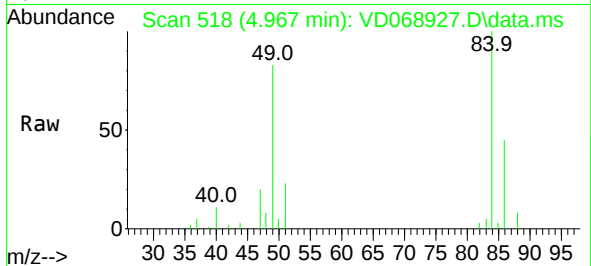




#20
Methylene Chloride
Concen: 5.78 ug/l
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068927.D
Acq: 21 Apr 2021 15:21

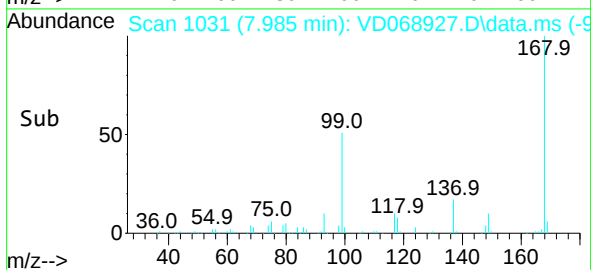
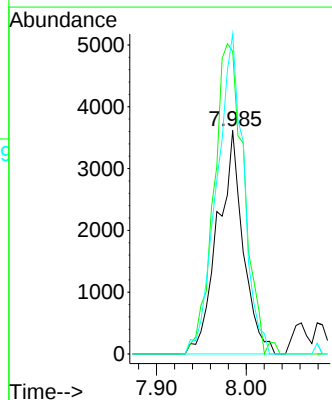
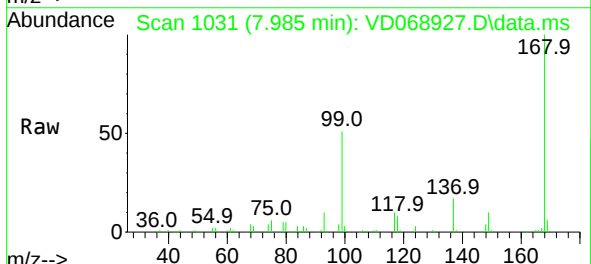
Instrument :
MSVOA_D
ClientSampleId :

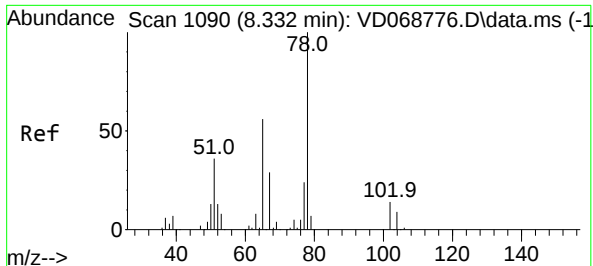
Tgt Ion:	84	Resp:	38323
Ion	Ratio	Lower	Upper
84	100		
49	83.1	83.4	125.0#
51	23.3	23.4	35.2#
86	45.0	51.0	76.4#



#31
Cyclohexane
Concen: 1.26 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068927.D
Acq: 21 Apr 2021 15:21

Tgt Ion:	56	Resp:	7153
Ion	Ratio	Lower	Upper
56	100		
69	135.5	30.0	45.0#
84	143.2	82.0	123.0#

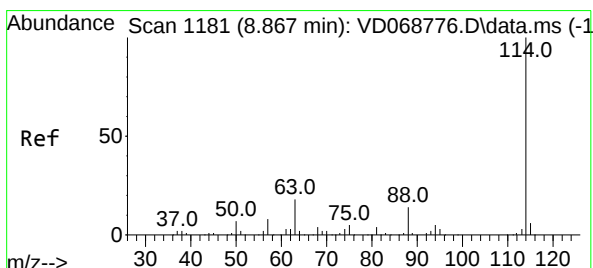
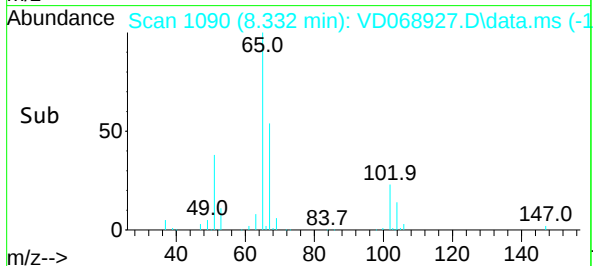
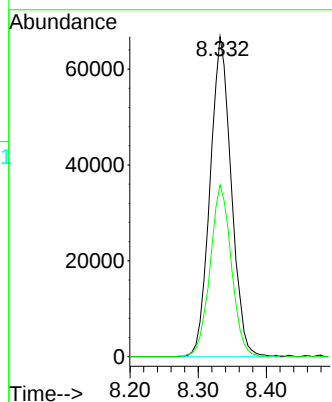
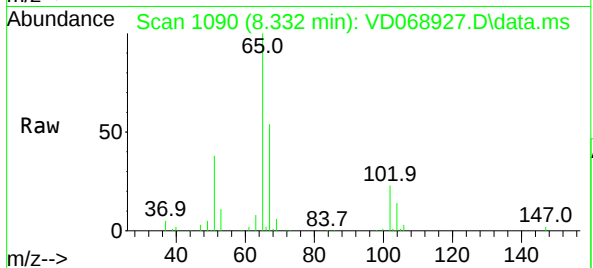




#33
1,2-Dichloroethane-d4
Concen: 42.44 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068927.D
Acq: 21 Apr 2021 15:21

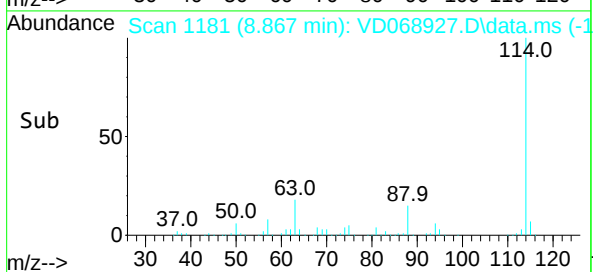
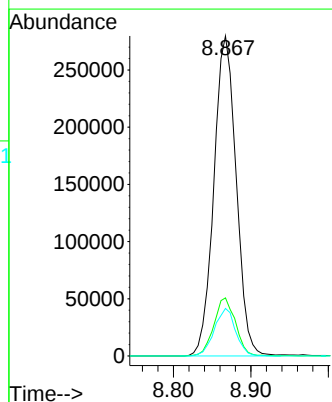
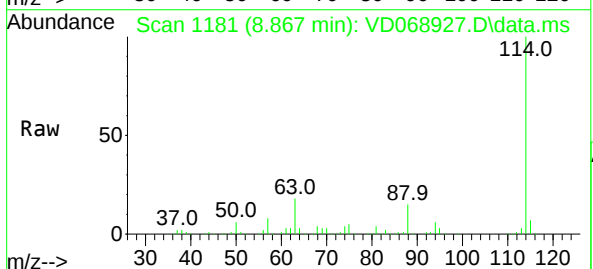
Instrument :
MSVOA_D
ClientSampleId :

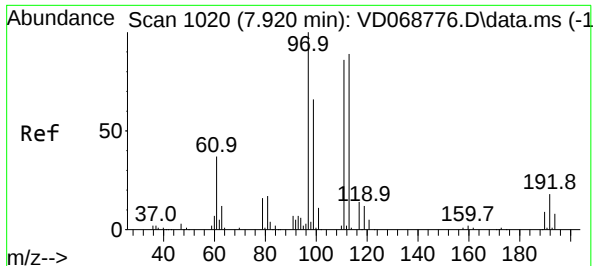
Tgt Ion: 65 Resp: 144497
Ion Ratio Lower Upper
65 100
67 53.8 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068927.D
Acq: 21 Apr 2021 15:21

Tgt Ion:114 Resp: 559883
Ion Ratio Lower Upper
114 100
63 18.1 0.0 38.2
88 14.9 0.0 29.4





#35

Dibromofluoromethane

Concen: 47.83 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068927.D

Acq: 21 Apr 2021 15:21

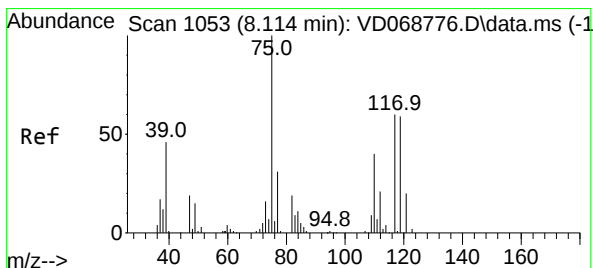
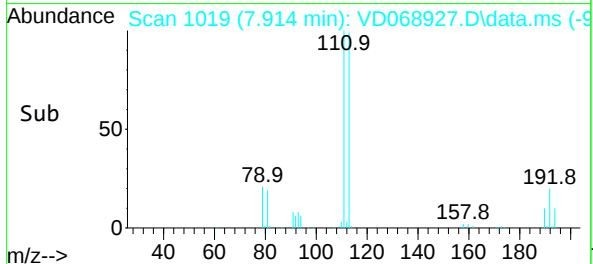
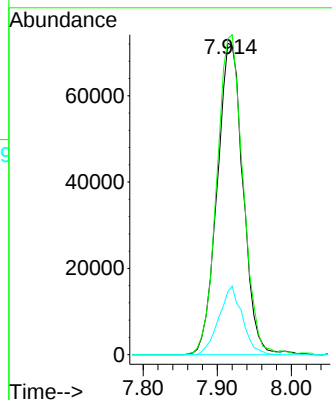
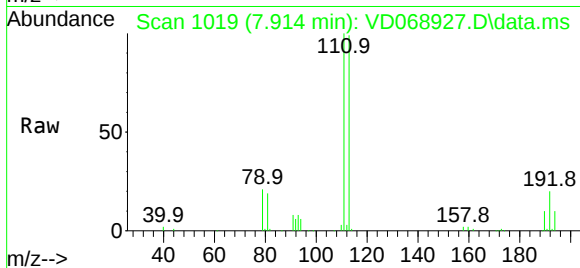
Tgt Ion:113 Resp: 174170

Ion Ratio Lower Upper

113 100

111 104.5 82.5 123.7

192 20.0 15.1 22.7



#36

1,1-Dichloropropene

Concen: 4.14 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.135 min

Lab File: VD068927.D

Acq: 21 Apr 2021 15:21

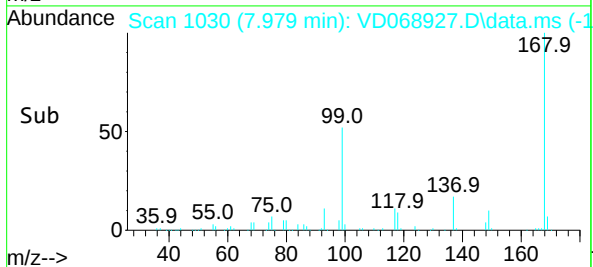
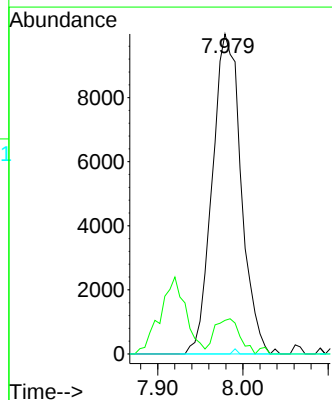
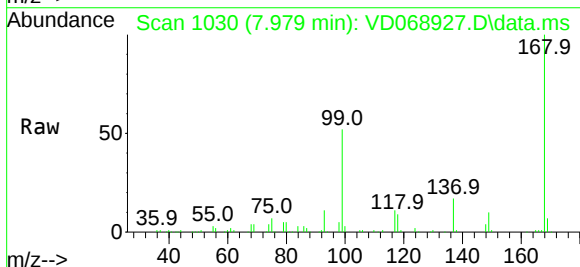
Tgt Ion: 75 Resp: 23475

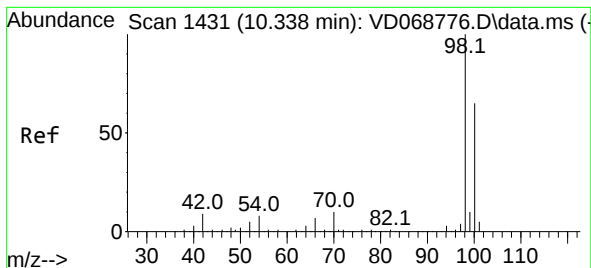
Ion Ratio Lower Upper

75 100

110 9.5 18.1 54.4#

77 0.2 24.7 37.1#

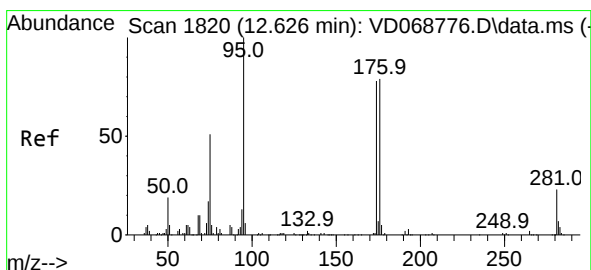
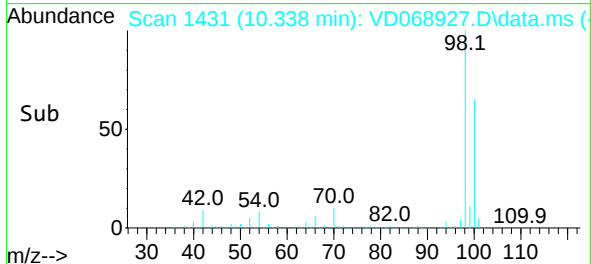
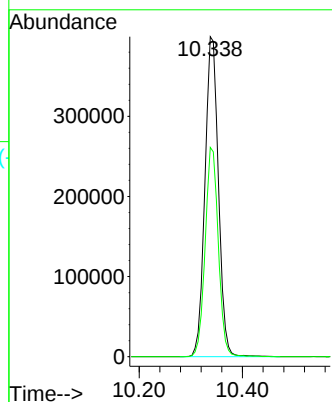
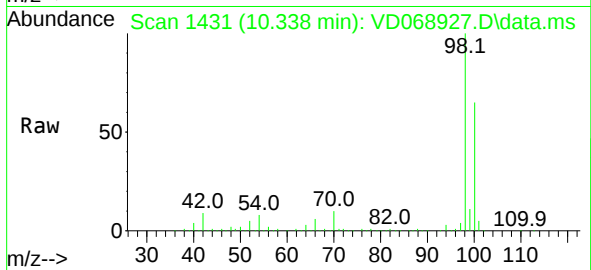




#50
Toluene-d8
Concen: 52.63 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068927.D
Acq: 21 Apr 2021 15:21

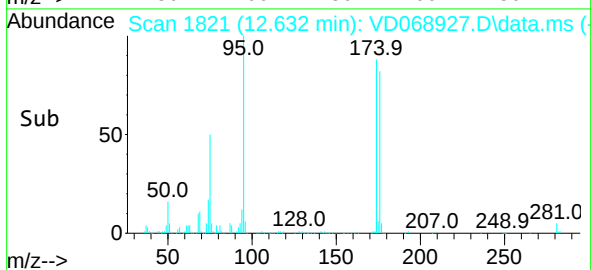
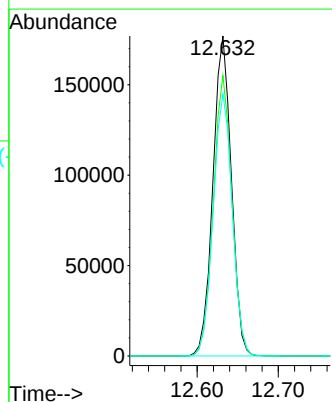
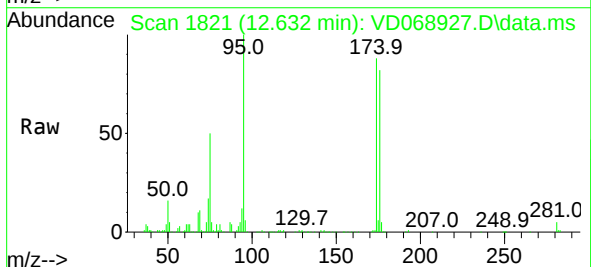
Instrument :
MSVOA_D
ClientSampled :

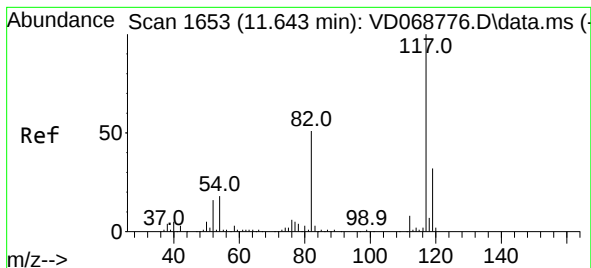
Tgt Ion: 98 Resp: 723042
Ion Ratio Lower Upper
98 100
100 64.0 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 61.20 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068927.D
Acq: 21 Apr 2021 15:21

Tgt Ion: 95 Resp: 279225
Ion Ratio Lower Upper
95 100
174 88.8 0.0 168.0
176 84.8 0.0 160.2

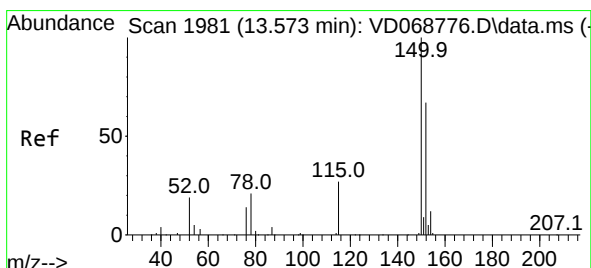
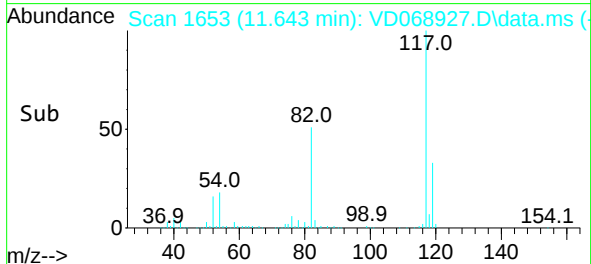
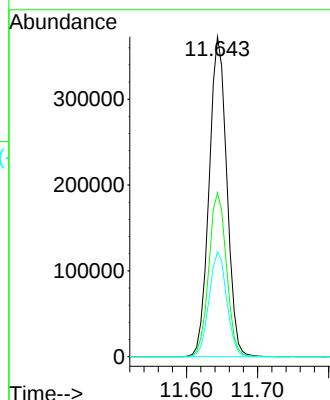
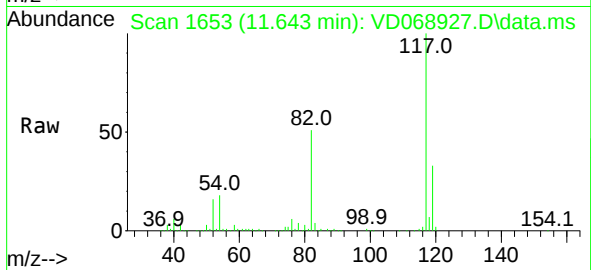




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068927.D
Acq: 21 Apr 2021 15:21

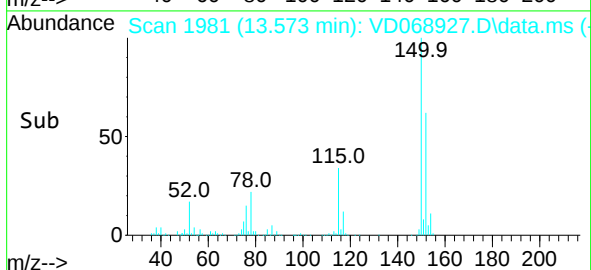
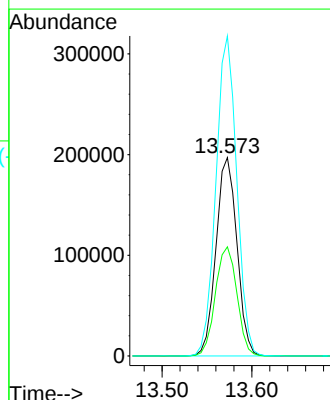
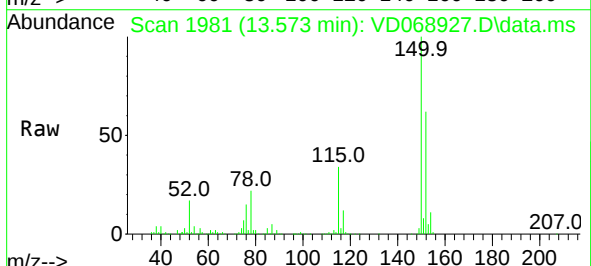
Instrument :
MSVOA_D
ClientSampleId :

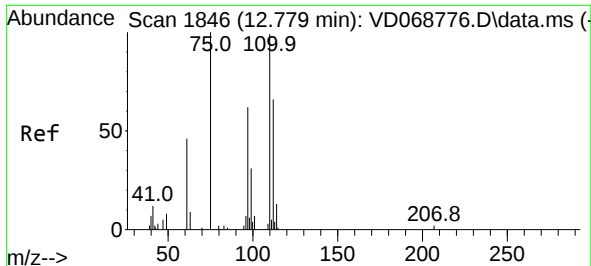
Tgt Ion:117 Resp: 644226
Ion Ratio Lower Upper
117 100
82 51.2 43.5 65.3
119 32.7 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068927.D
Acq: 21 Apr 2021 15:21

Tgt Ion:152 Resp: 319620
Ion Ratio Lower Upper
152 100
115 56.5 29.3 87.8
150 160.3 0.0 347.6

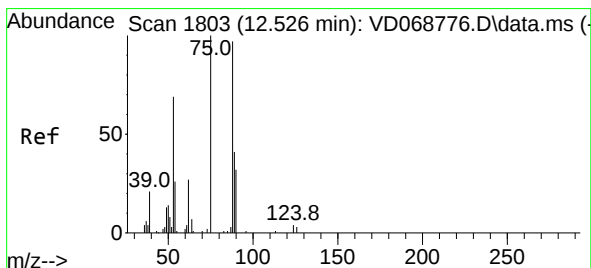
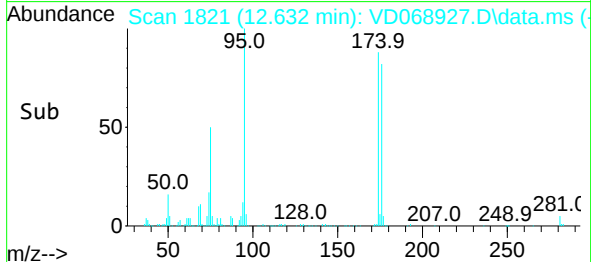
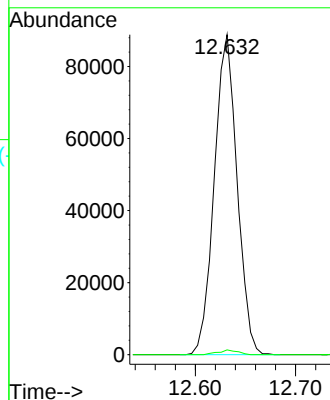
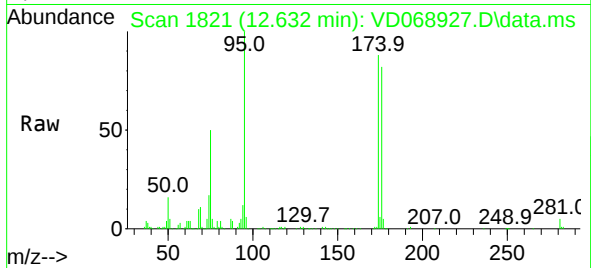




#76
1,2,3-Trichloropropane
Concen: 48.07 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068927.D
Acq: 21 Apr 2021 15:21

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 140370
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 111.56 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068927.D
Acq: 21 Apr 2021 15:21

Tgt Ion: 75 Resp: 140370
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 36.6 54.8#

