

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042221\
 Data File : VD068950.D
 Acq On : 22 Apr 2021 13:59
 Operator : VA/SY
 Sample : M2132-10
 Misc : 5.33G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 23 08:45:26 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)

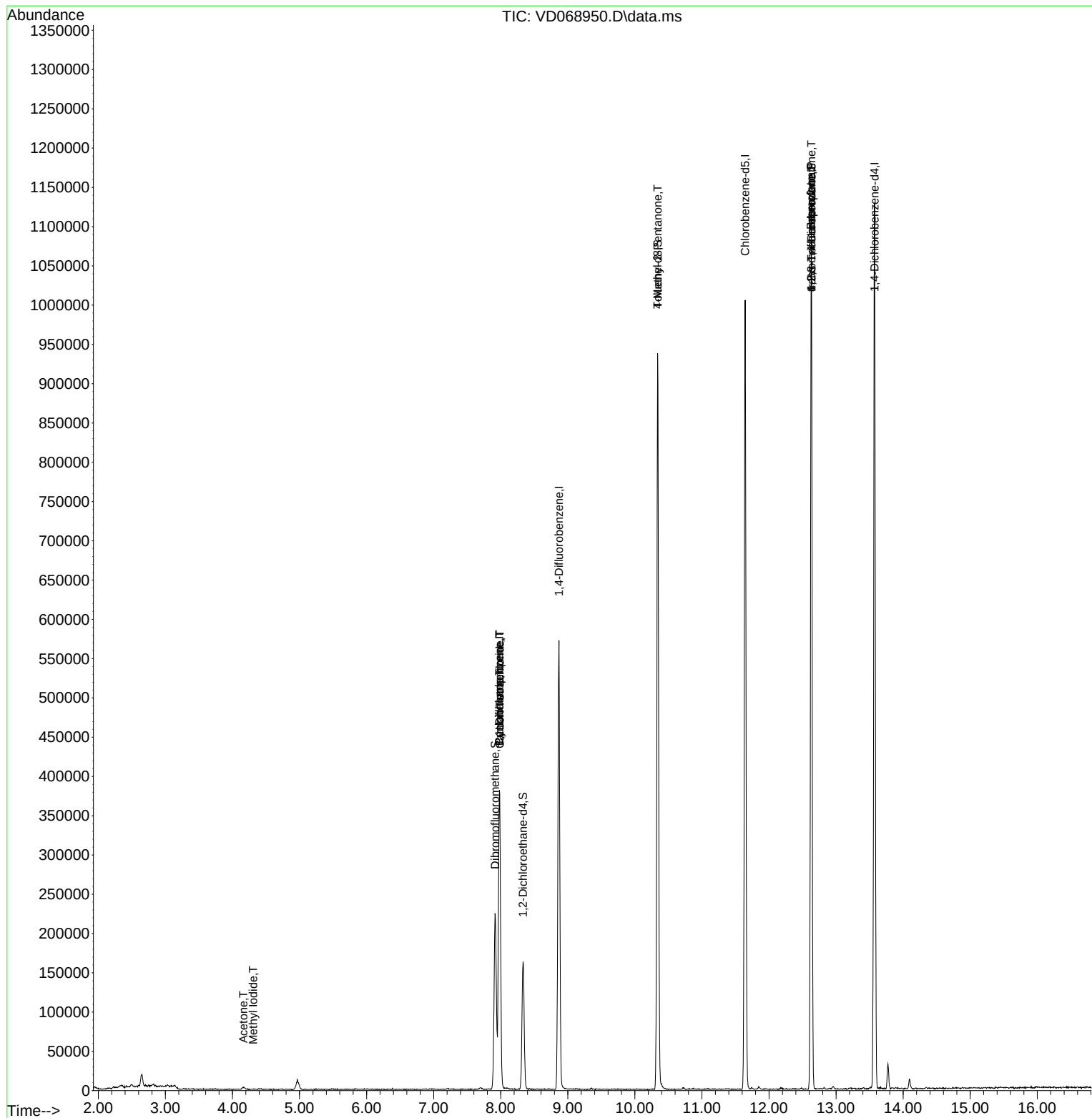
Internal Standards						
1) Pentafluorobenzene	7.979	168	296402	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	513872	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	604871	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	316542	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	130023	41.51	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	83.02%		
35) Dibromofluoromethane	7.914	113	162427	48.60	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.20%		
50) Toluene-d8	10.338	98	654434	51.90	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	103.80%		
62) 4-Bromofluorobenzene	12.632	95	274014	65.43	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	130.86%		
Target Compounds						Qvalue
10) Methyl Iodide	4.309	142	190	2.30	ug/l #	41
11) Tert butyl alcohol	5.032	59	66	Below Cal	#	73
16) Acetone	4.162	43	4467	10.30	ug/l #	84
20) Methylene Chloride	4.968	84	9893	Below Cal		89
31) Cyclohexane	7.979	56	5607	1.08	ug/l #	12
36) 1,1-Dichloropropene	7.979	75	22506	4.33	ug/l #	48
38) Carbon Tetrachloride	7.985	117	30032	5.83	ug/l #	17
51) 4-Methyl-2-Pentanone	10.338	43	2513	1.60	ug/l #	1
71) Bromoform	12.626	173	2541	1.01	ug/l #	29
76) 1,2,3-Trichloropropane	12.632	75	141474	48.92	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	141474	113.53	ug/l #	16

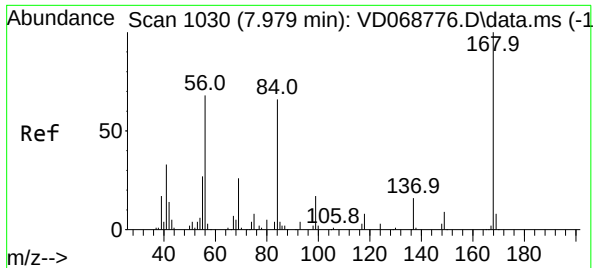
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

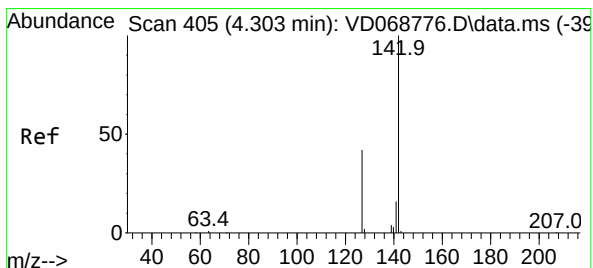
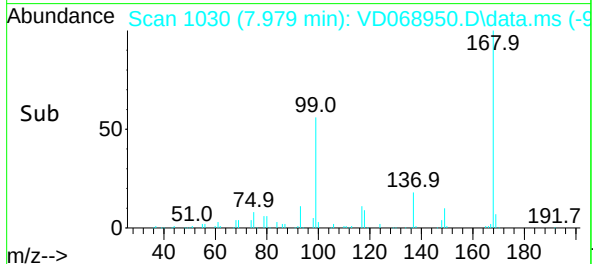
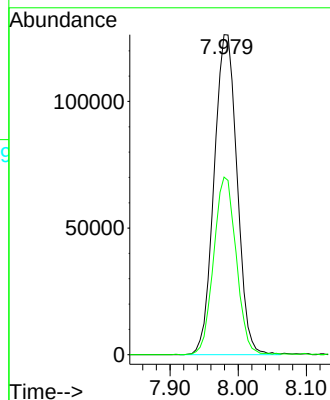
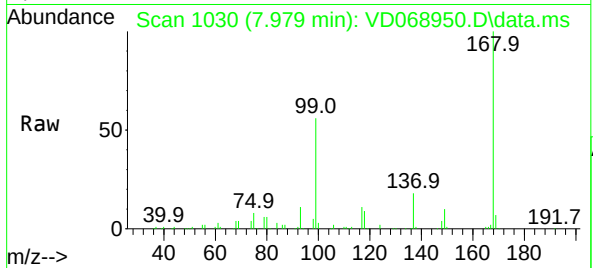




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068950.D
Acq: 22 Apr 2021 13:59

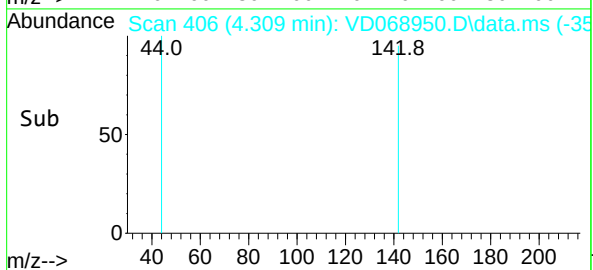
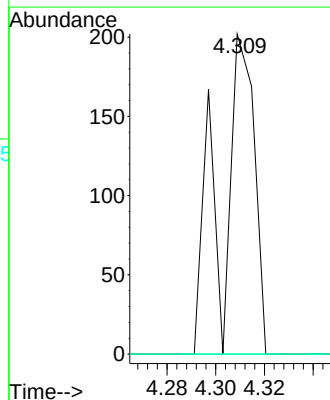
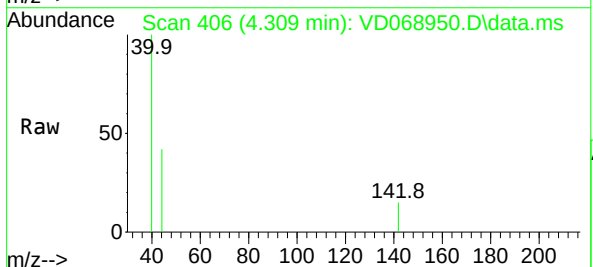
Instrument :
MSVOA_D
ClientSampleId :

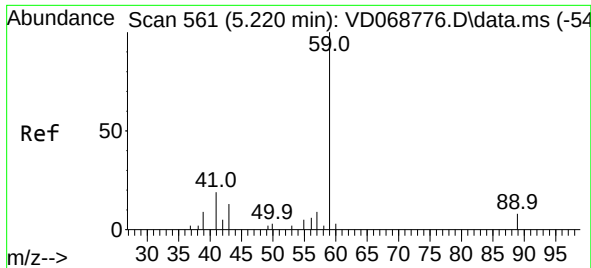
Tgt Ion:168 Resp: 296402
Ion Ratio Lower Upper
168 100
99 55.5 46.2 69.2



#10
Methyl Iodide
Concen: 2.30 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD068950.D
Acq: 22 Apr 2021 13:59

Tgt Ion:142 Resp: 190
Ion Ratio Lower Upper
142 100
127 0.0 34.7 52.1#
141 0.0 11.0 16.4#

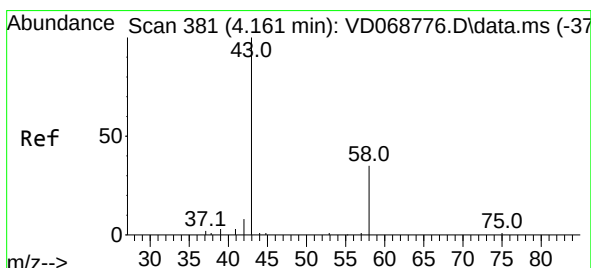
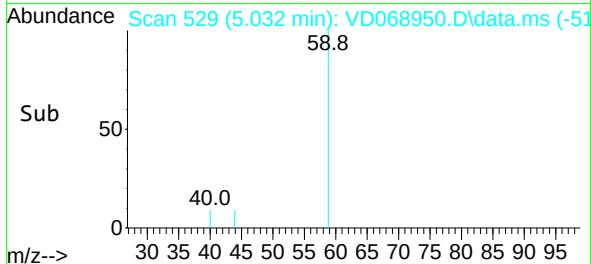
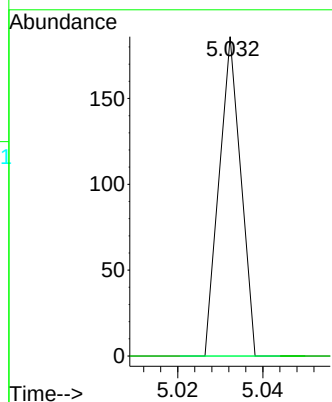
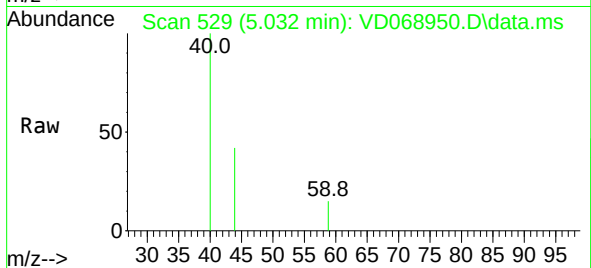




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.032 min Scan# 529
Delta R.T. -0.188 min
Lab File: VD068950.D
Acq: 22 Apr 2021 13:59

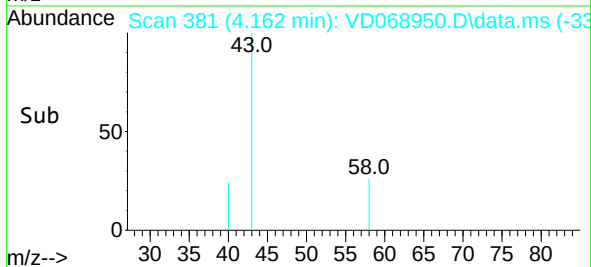
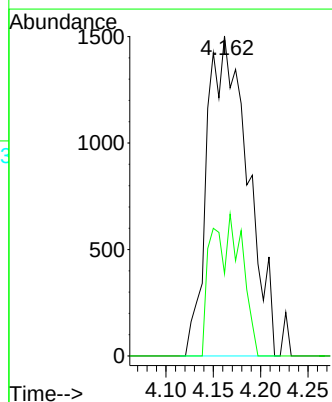
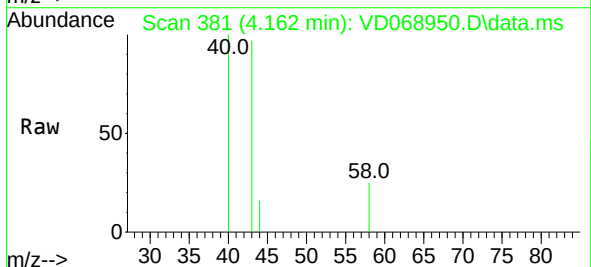
Instrument :
MSVOA_D
ClientSampled :

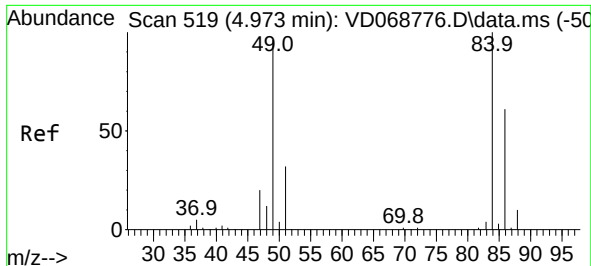
Tgt Ion: 59 Resp: 66
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 10.30 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.001 min
Lab File: VD068950.D
Acq: 22 Apr 2021 13:59

Tgt Ion: 43 Resp: 4467
Ion Ratio Lower Upper
43 100
58 25.7 28.0 42.0#





#20

Methylene Chloride

Concen: Below Cal

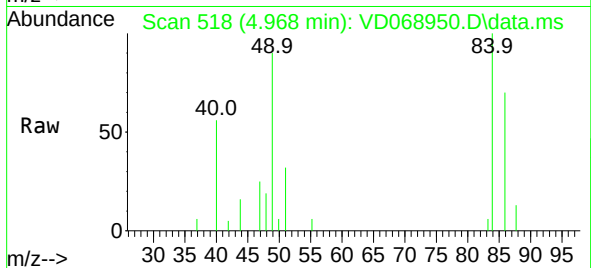
RT: 4.968 min Scan# 518

Delta R.T. -0.005 min

Lab File: VD068950.D

Acq: 22 Apr 2021 13:59

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 9893

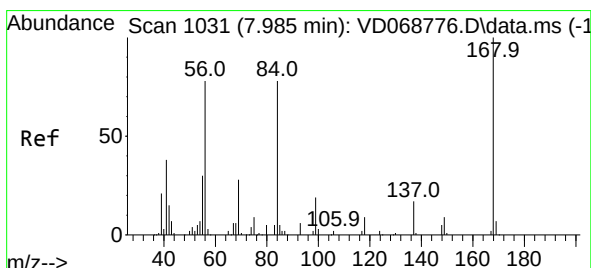
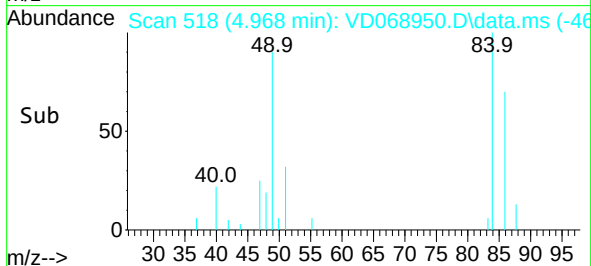
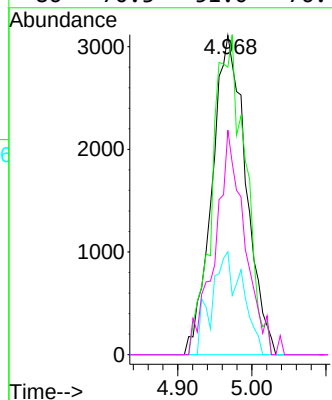
Ion Ratio Lower Upper

84 100

49 90.1 83.4 125.0

51 32.2 23.4 35.2

86 70.3 51.0 76.4



#31

Cyclohexane

Concen: 1.08 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD068950.D

Acq: 22 Apr 2021 13:59

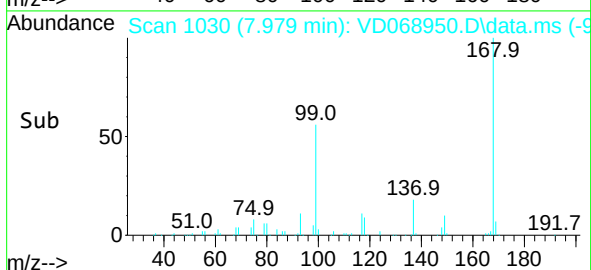
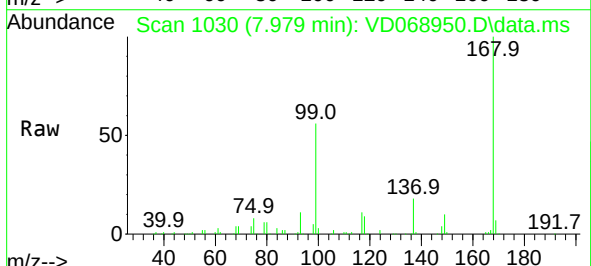
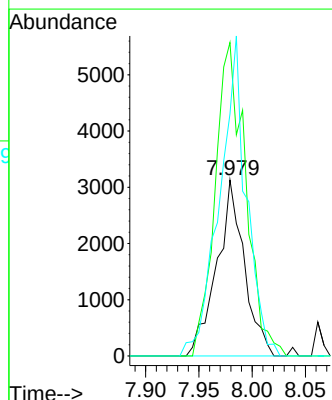
Tgt Ion: 56 Resp: 5607

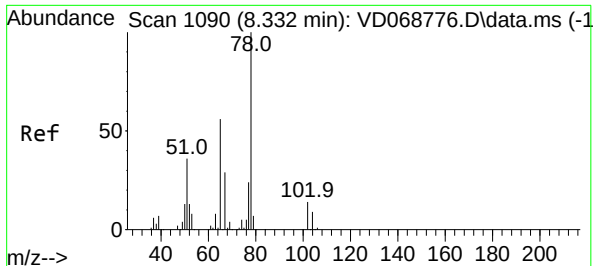
Ion Ratio Lower Upper

56 100

69 178.1 30.0 45.0#

84 137.4 82.0 123.0#

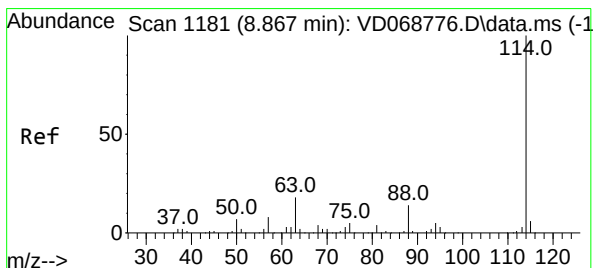
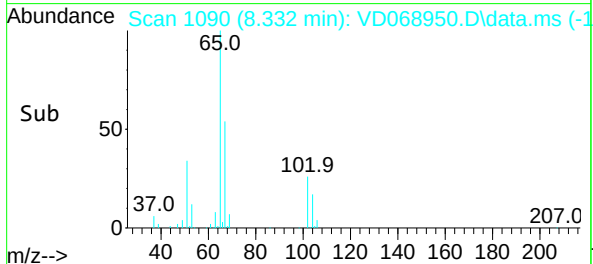
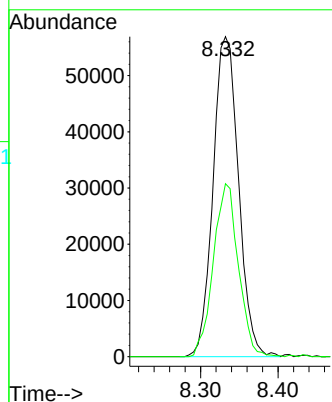
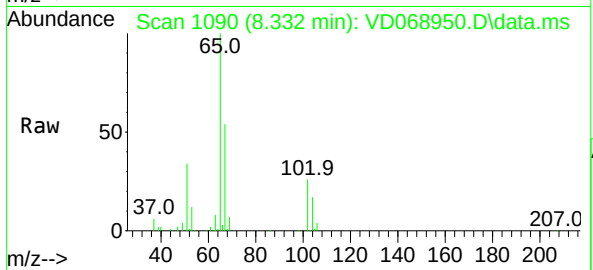




#33
1,2-Dichloroethane-d4
Concen: 41.51 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068950.D
Acq: 22 Apr 2021 13:59

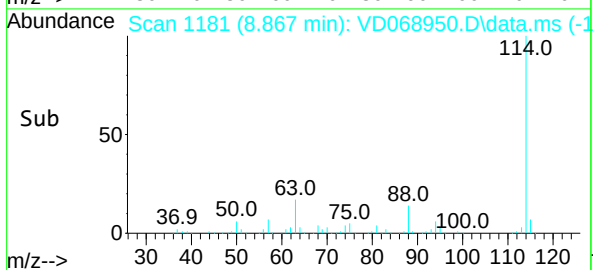
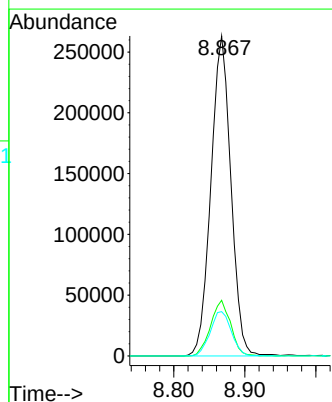
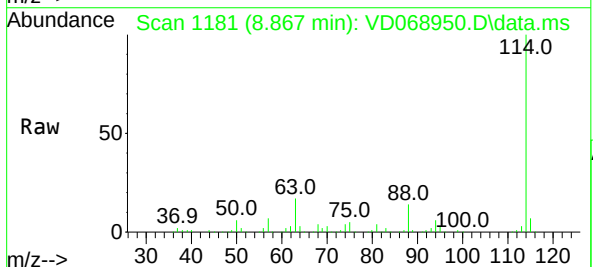
Instrument :
MSVOA_D
ClientSampled :

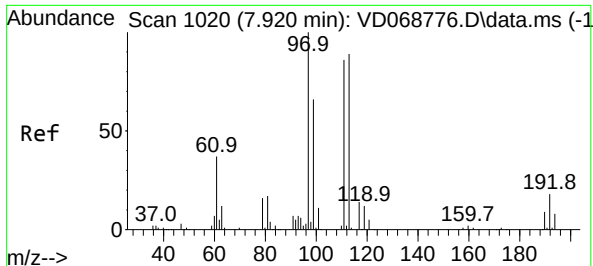
Tgt Ion: 65 Resp: 130023
Ion Ratio Lower Upper
65 100
67 53.1 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068950.D
Acq: 22 Apr 2021 13:59

Tgt Ion: 114 Resp: 513872
Ion Ratio Lower Upper
114 100
63 17.4 0.0 38.2
88 13.9 0.0 29.4





#35

Dibromofluoromethane

Concen: 48.60 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068950.D

Acq: 22 Apr 2021 13:59

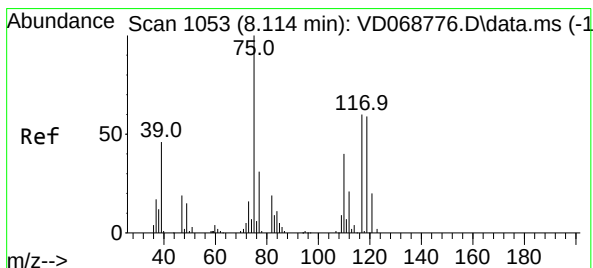
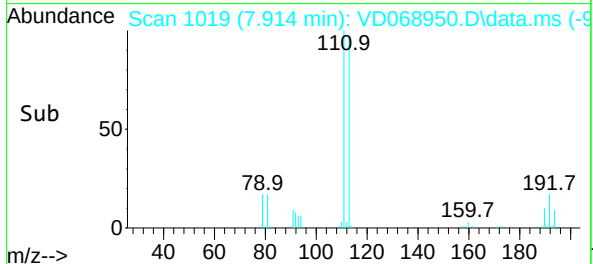
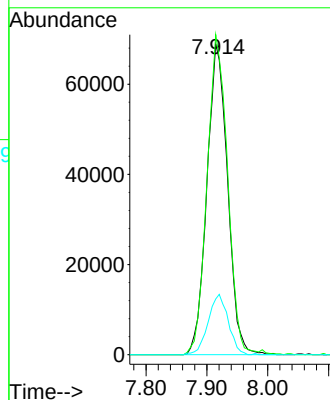
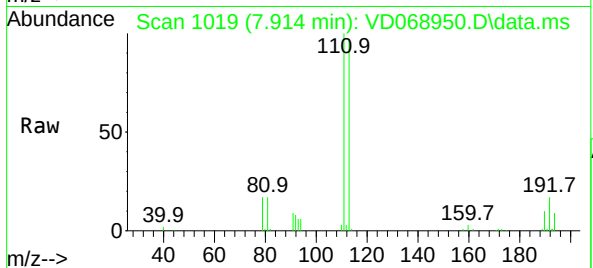
Tgt Ion:113 Resp: 162427

Ion Ratio Lower Upper

113 100

111 102.8 82.5 123.7

192 18.9 15.1 22.7



#36

1,1-Dichloropropene

Concen: 4.33 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.135 min

Lab File: VD068950.D

Acq: 22 Apr 2021 13:59

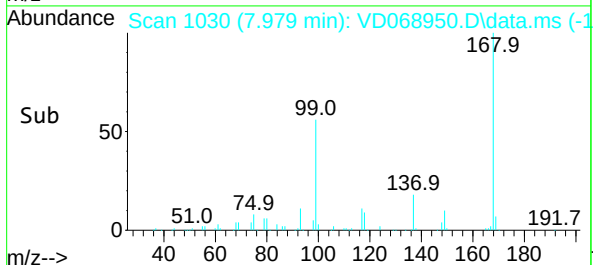
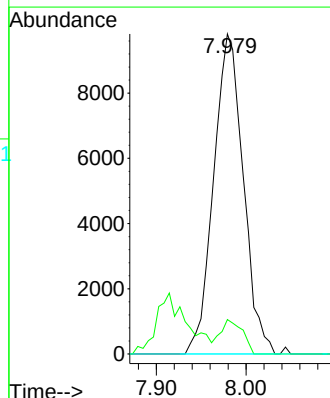
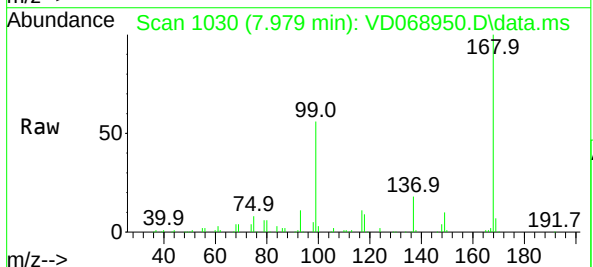
Tgt Ion: 75 Resp: 22506

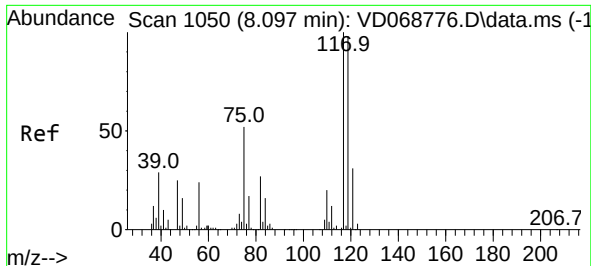
Ion Ratio Lower Upper

75 100

110 8.1 18.1 54.4#

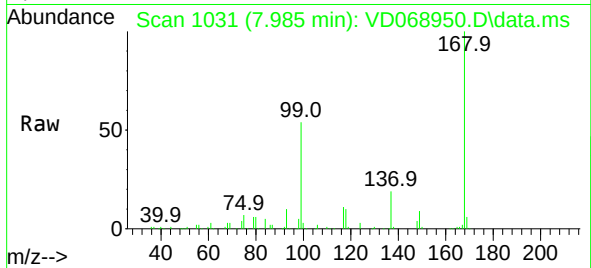
77 0.0 24.7 37.1#



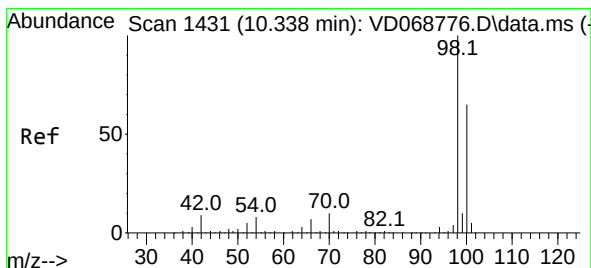
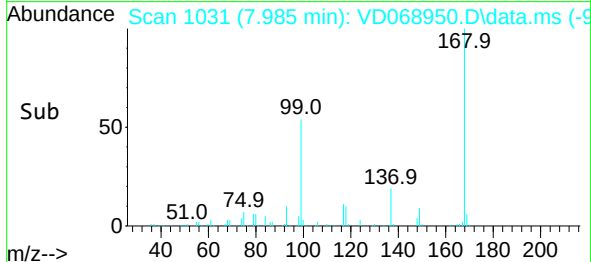
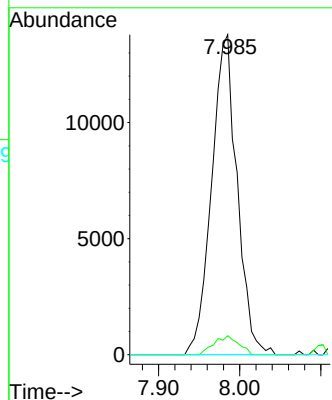


#38
Carbon Tetrachloride
Concen: 5.83 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD068950.D
Acq: 22 Apr 2021 13:59

Instrument :
MSVOA_D
ClientSampled :

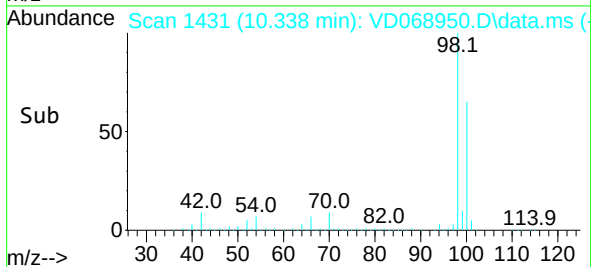
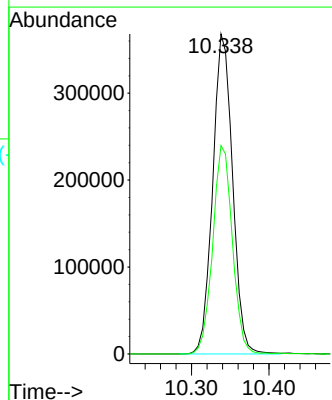
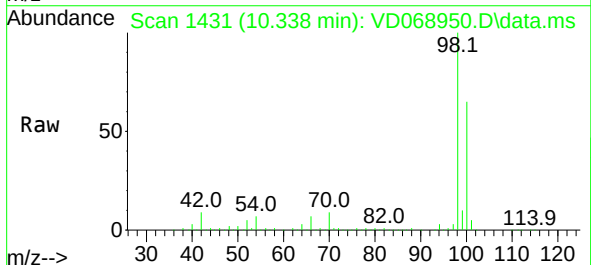


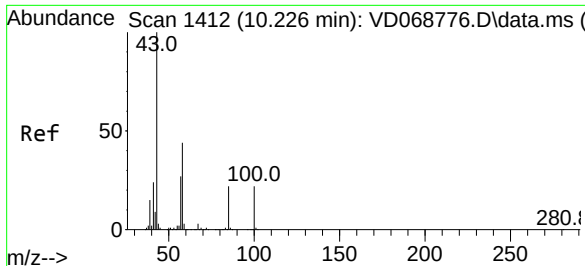
Tgt Ion:117 Resp: 30032
Ion Ratio Lower Upper
117 100
119 6.0 76.6 115.0#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 51.90 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068950.D
Acq: 22 Apr 2021 13:59

Tgt Ion: 98 Resp: 654434
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6

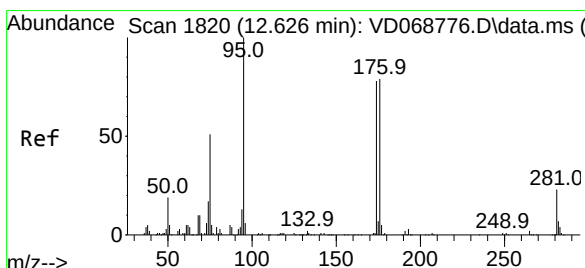
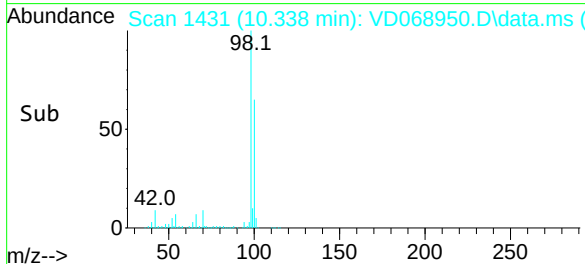
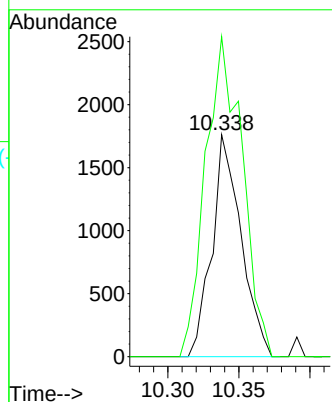
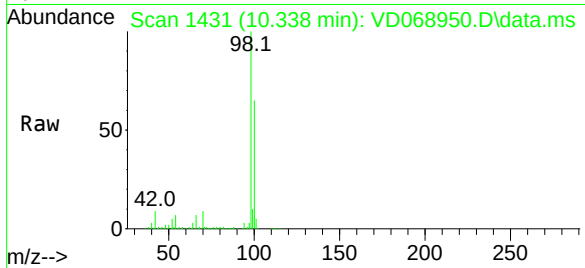




#51
4-Methyl-2-Pentanone
Concen: 1.60 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.112 min
Lab File: VD068950.D
Acq: 22 Apr 2021 13:59

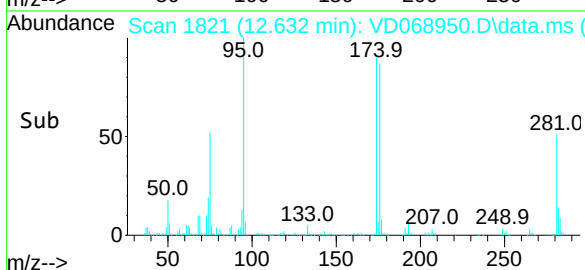
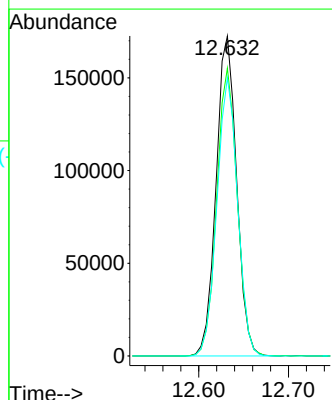
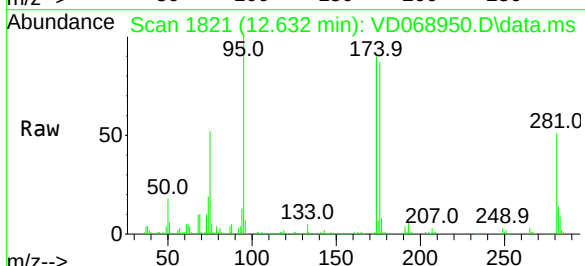
Instrument :
MSVOA_D
ClientSampled :

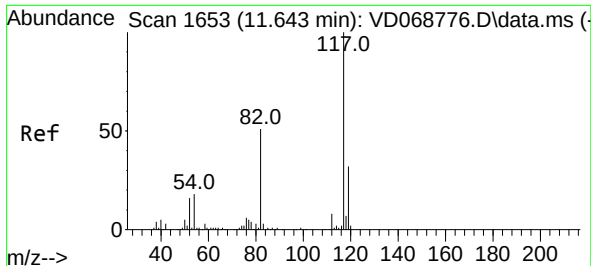
Tgt Ion: 43 Resp: 2513
Ion Ratio Lower Upper
43 100
58 181.7 37.3 55.9#



#62
4-Bromofluorobenzene
Concen: 65.43 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068950.D
Acq: 22 Apr 2021 13:59

Tgt Ion: 95 Resp: 274014
Ion Ratio Lower Upper
95 100
174 90.0 0.0 168.0
176 87.3 0.0 160.2

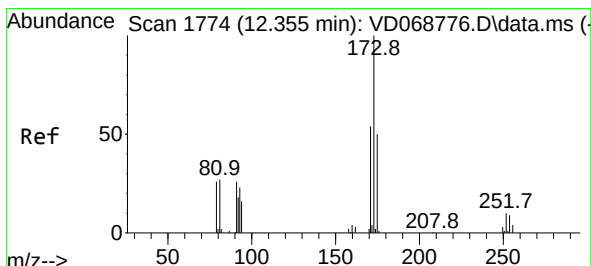
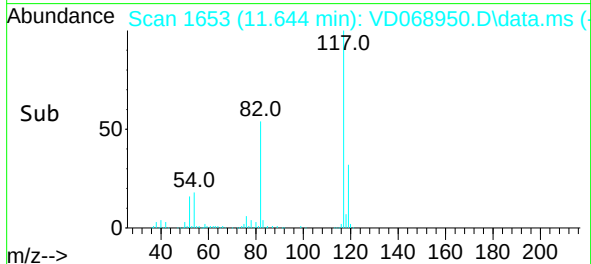
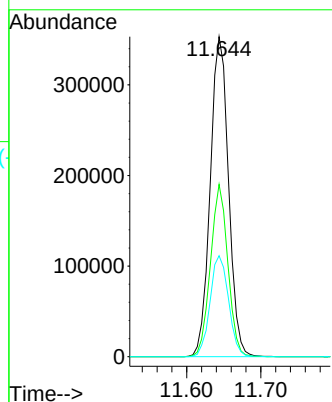
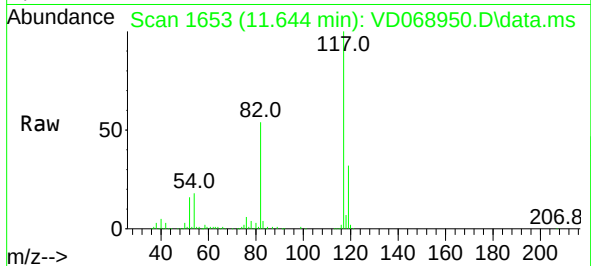




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068950.D
Acq: 22 Apr 2021 13:59

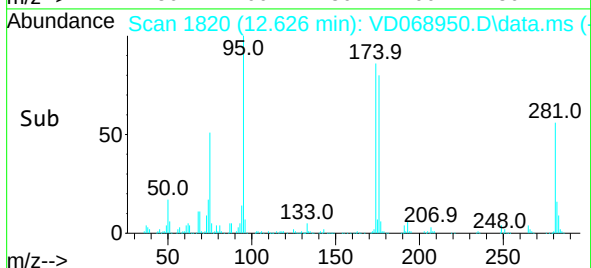
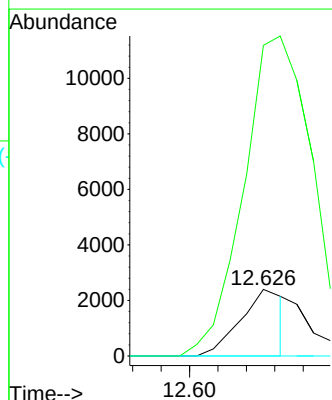
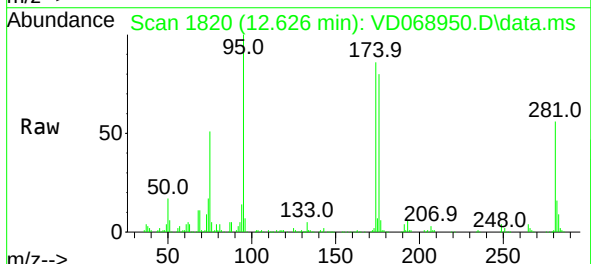
Instrument :
MSVOA_D
ClientSampleId :

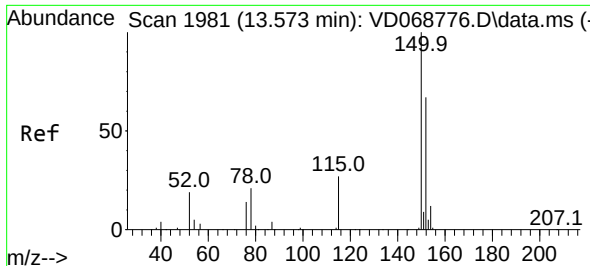
Tgt Ion:117 Resp: 604871
Ion Ratio Lower Upper
117 100
82 53.9 43.5 65.3
119 31.6 26.7 40.1



#71
Bromoform
Concen: 1.01 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.271 min
Lab File: VD068950.D
Acq: 22 Apr 2021 13:59

Tgt Ion:173 Resp: 2541
Ion Ratio Lower Upper
173 100
175 0.0 23.6 71.0#
254 0.0 0.0 0.0

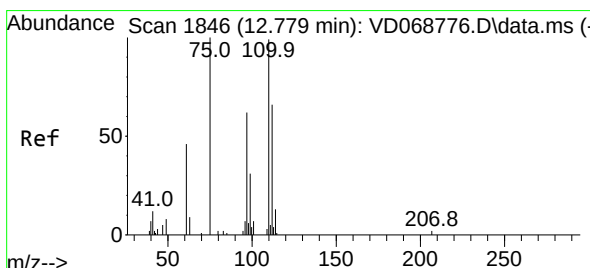
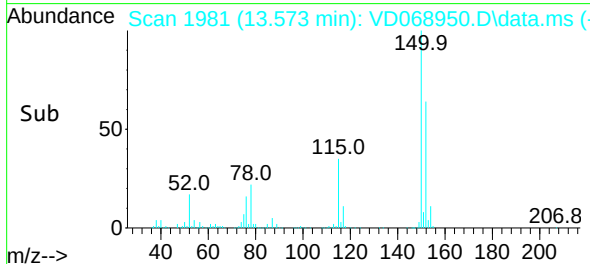
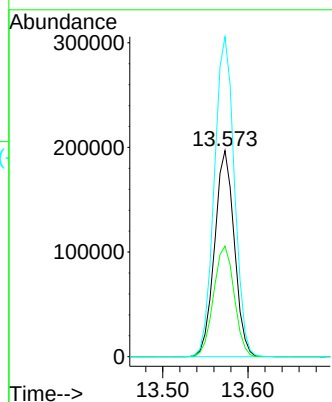
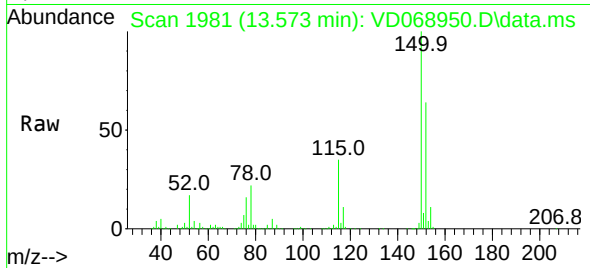




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068950.D
Acq: 22 Apr 2021 13:59

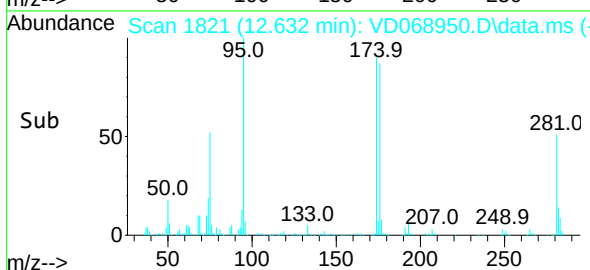
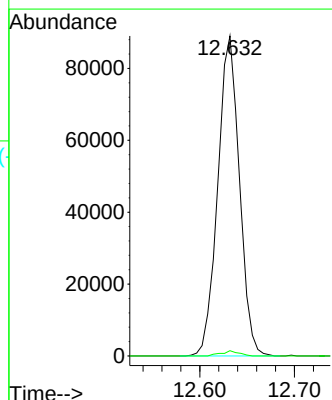
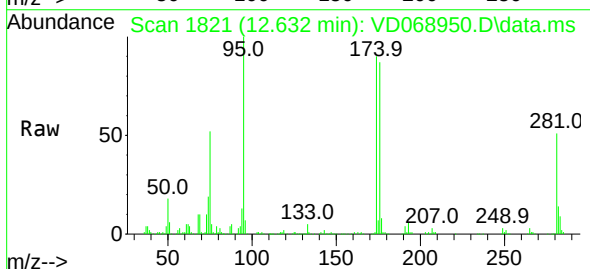
Instrument :
MSVOA_D
ClientSampleId :

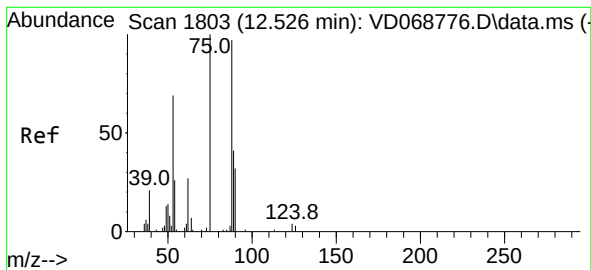
Tgt Ion:152 Resp: 316542
Ion Ratio Lower Upper
152 100
115 56.0 29.3 87.8
150 157.9 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 48.92 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068950.D
Acq: 22 Apr 2021 13:59

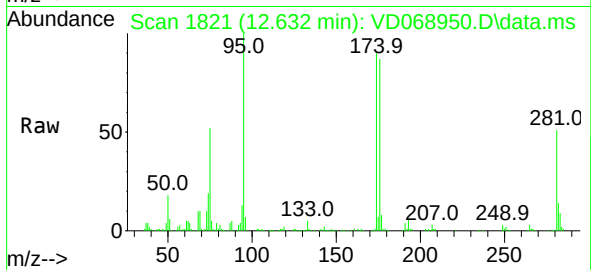
Tgt Ion: 75 Resp: 141474
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 113.53 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068950.D
 Acq: 22 Apr 2021 13:59

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 141474
 Ion Ratio Lower Upper
 75 100
 53 0.1 66.8 100.2#
 89 0.6 36.6 54.8#

