

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040121\
 Data File : VD068753.D
 Acq On : 01 Apr 2021 12:43
 Operator : VA/SY
 Sample : M1887-01
 Misc : 5.50G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-03-033121

Quant Time: Apr 02 01:02:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 20 02:00:55 2021
 Response via : Initial Calibration

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

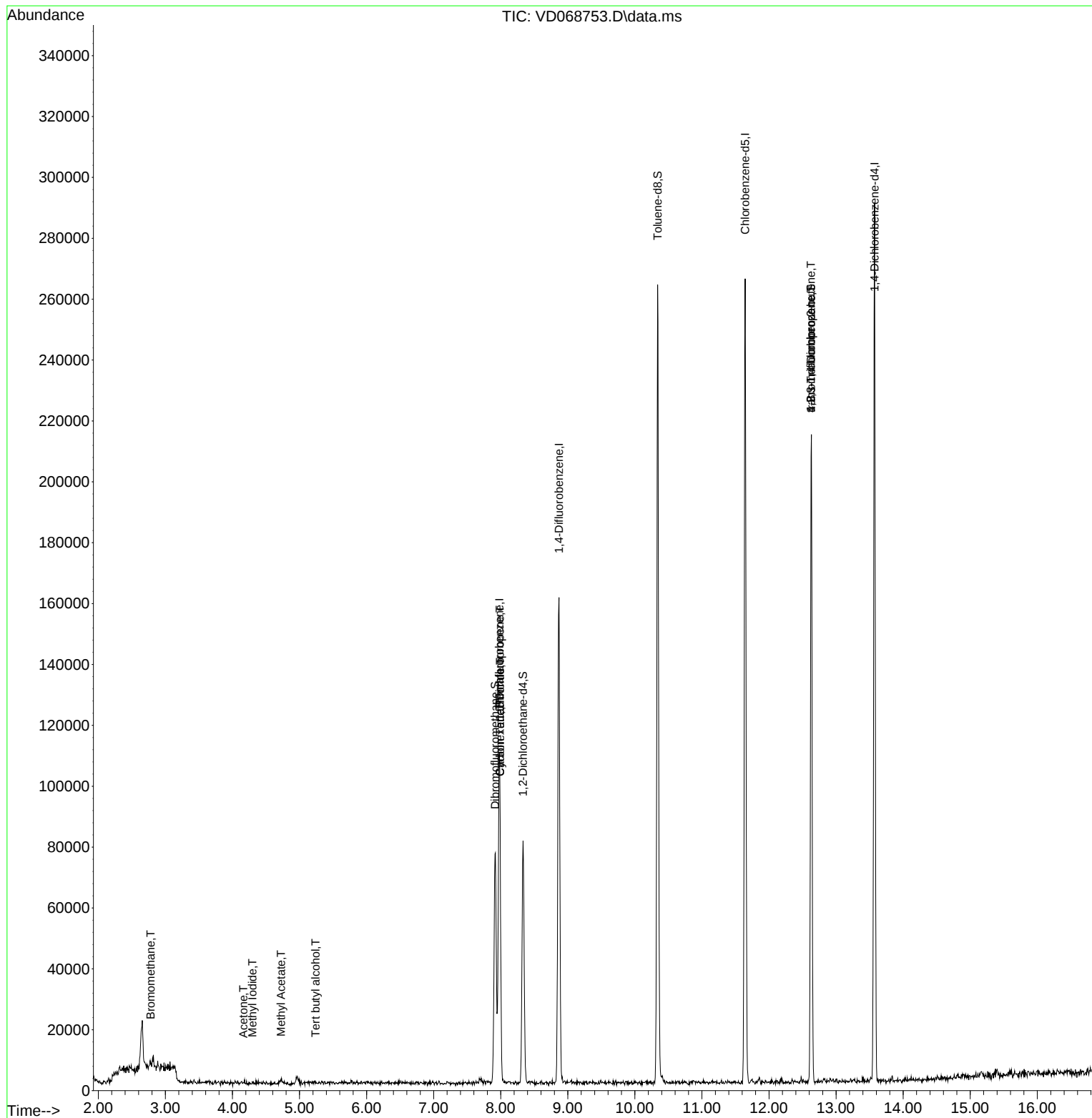
Internal Standards						
1) Pentafluorobenzene	7.979	168	85770	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	148125	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	164823	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	79745	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	62267	72.00	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 144.00%			
35) Dibromofluoromethane	7.914	113	55125	59.81	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 119.62%			
50) Toluene-d8	10.338	98	181682	51.13	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.26%			
62) 4-Bromofluorobenzene	12.626	95	68684	59.62	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 119.24%			
Target Compounds						Qvalue
5) Bromomethane	2.779	94	1130	1.57	ug/l #	73
10) Methyl Iodide	4.297	142	567	4.11	ug/l #	41
11) Tert butyl alcohol	5.238	59	328	8.23	ug/l #	73
16) Acetone	4.162	43	541	5.16	ug/l #	40
18) Methyl Acetate	4.726	43	1341	4.65	ug/l #	65
20) Methylene Chloride	4.962	84	1309	Below Cal	#	88
31) Cyclohexane	7.991	56	1950	1.40	ug/l #	67
36) 1,1-Dichloropropene	7.985	75	6867	5.19	ug/l #	45
38) Carbon Tetrachloride	7.991	117	8724	6.61	ug/l #	17
76) 1,2,3-Trichloropropane	12.626	75	34261	51.62	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	34261	117.44	ug/l #	16

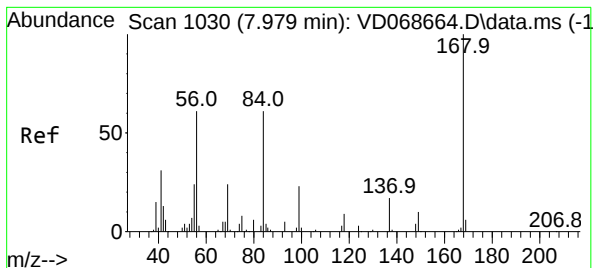
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040121\
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Sample : M1887-01
Misc : 5.50G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampled :
TR-03-033121

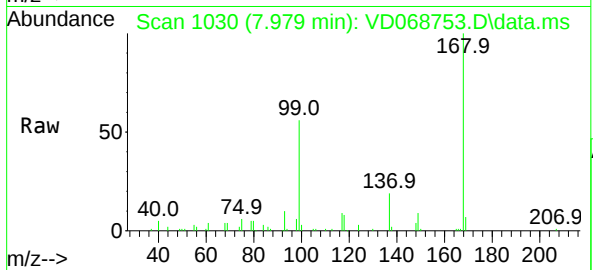
Quant Time: Apr 02 01:02:56 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 20 02:00:55 2021
Response via : Initial Calibration



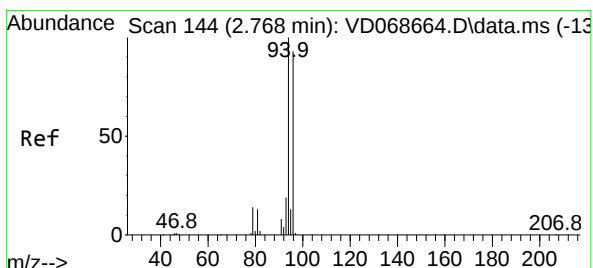
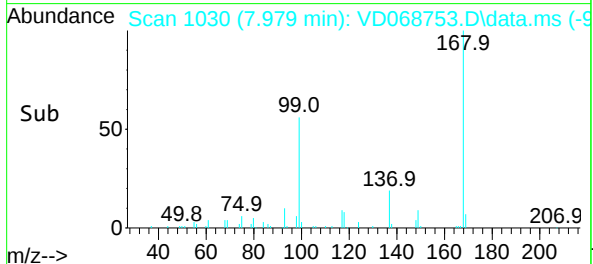
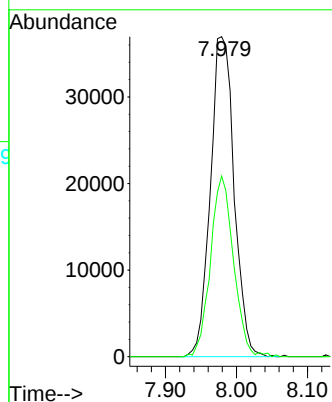


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068753.D
Acq: 01 Apr 2021 12:43

Instrument :
MSVOA_D
ClientSampleId :
TR-03-033121

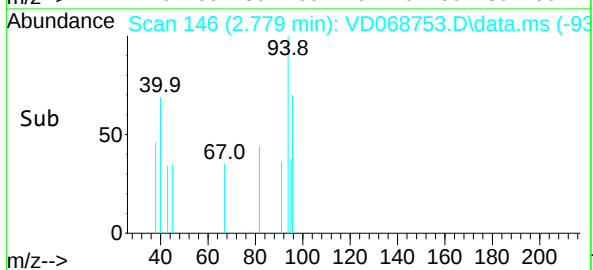
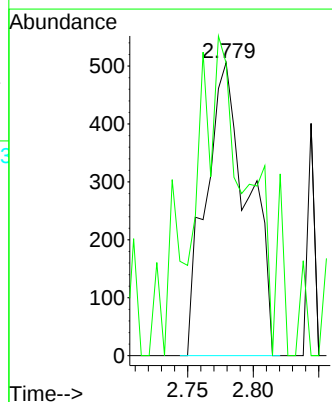
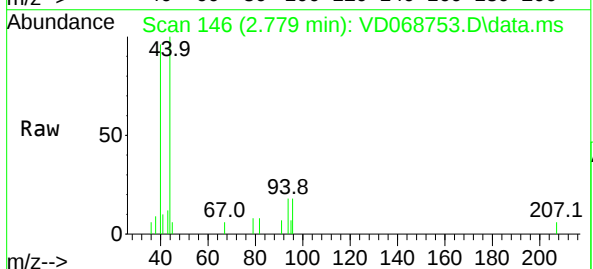


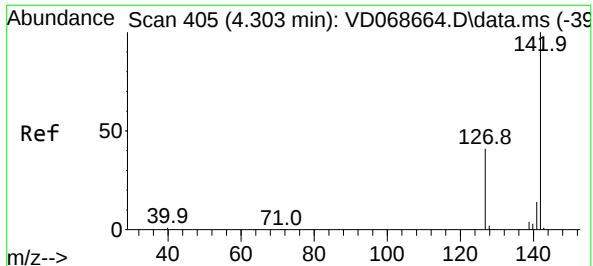
Tgt Ion:168 Resp: 85770
Ion Ratio Lower Upper
168 100
99 56.5 46.2 69.2



#5
Bromomethane
Concen: 1.57 ug/l
RT: 2.779 min Scan# 146
Delta R.T. 0.011 min
Lab File: VD068753.D
Acq: 01 Apr 2021 12:43

Tgt Ion: 94 Resp: 1130
Ion Ratio Lower Upper
94 100
96 67.6 74.7 112.1#

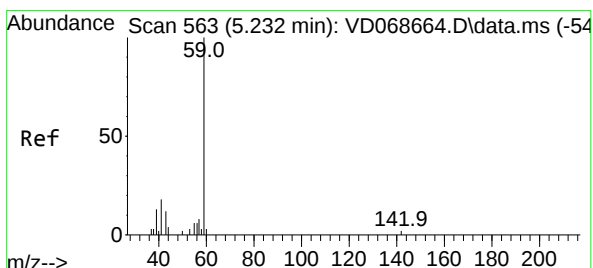
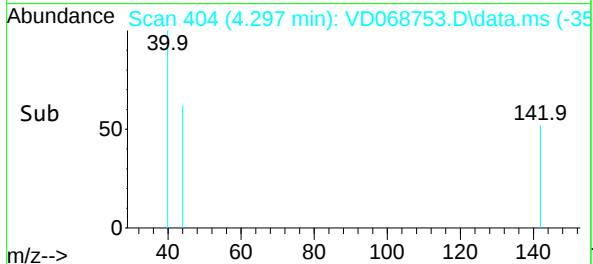
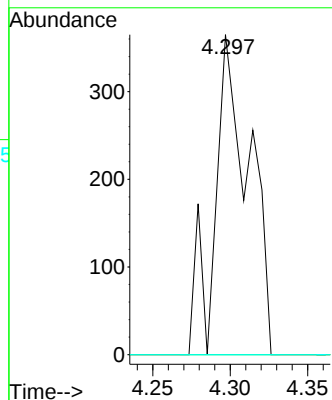
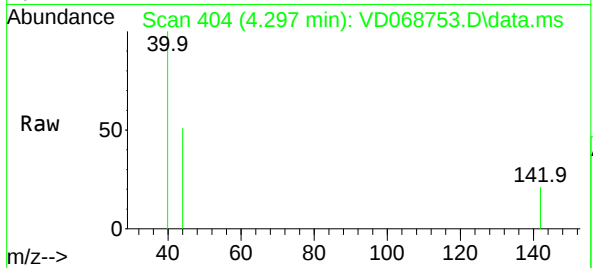




#10
Methyl Iodide
Concen: 4.11 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD068753.D
Acq: 01 Apr 2021 12:43

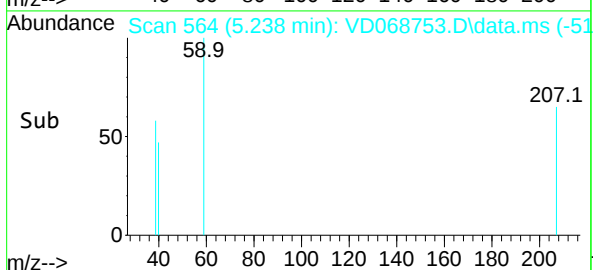
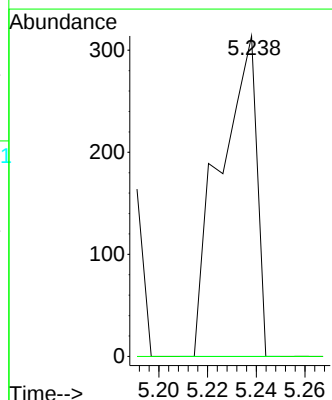
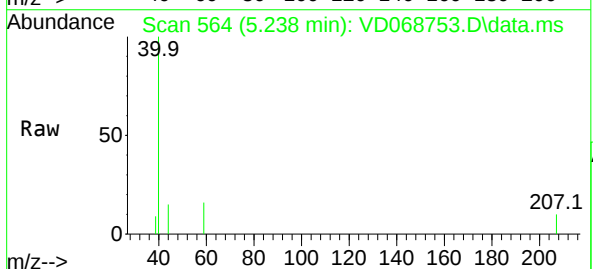
Instrument :
MSVOA_D
ClientSampleId :
TR-03-033121

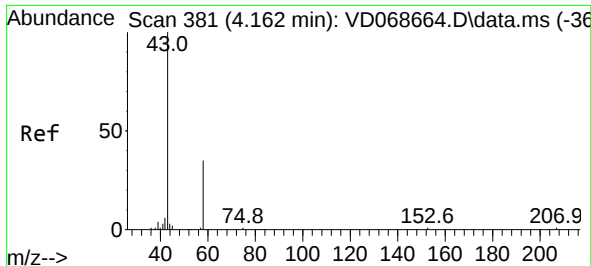
Tgt Ion:142 Resp: 567
Ion Ratio Lower Upper
142 100
127 0.0 34.7 52.1#
141 0.0 11.0 16.4#



#11
Tert butyl alcohol
Concen: 8.23 ug/l
RT: 5.238 min Scan# 564
Delta R.T. 0.006 min
Lab File: VD068753.D
Acq: 01 Apr 2021 12:43

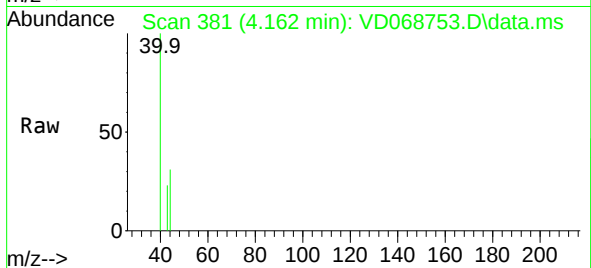
Tgt Ion: 59 Resp: 328
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



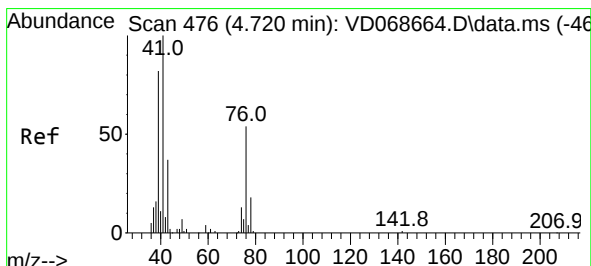
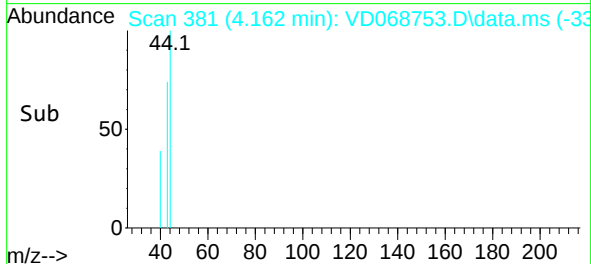
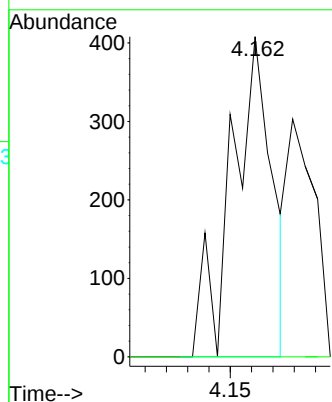


#16
Acetone
Concen: 5.16 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068753.D
Acq: 01 Apr 2021 12:43

Instrument :
MSVOA_D
ClientSampleId :
TR-03-033121

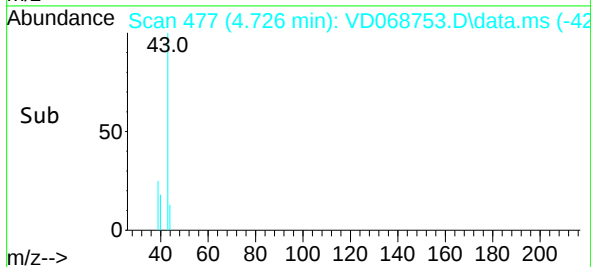
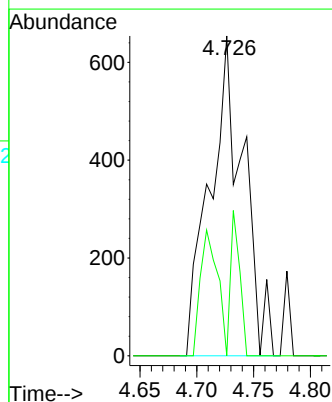
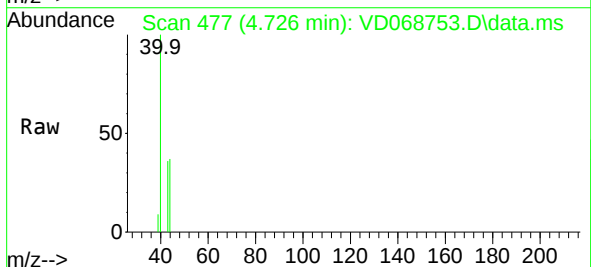


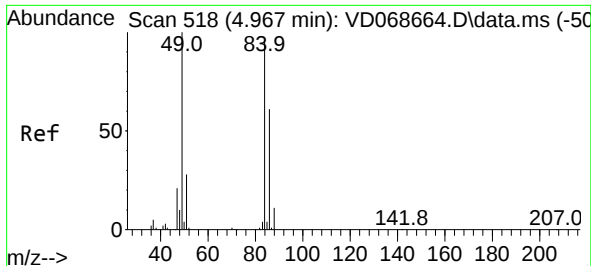
Tgt Ion: 43 Resp: 541
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#18
Methyl Acetate
Concen: 4.65 ug/l
RT: 4.726 min Scan# 477
Delta R.T. 0.006 min
Lab File: VD068753.D
Acq: 01 Apr 2021 12:43

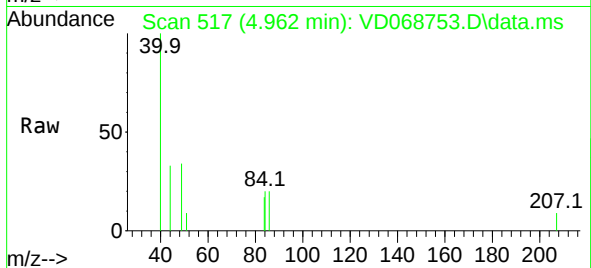
Tgt Ion: 43 Resp: 1341
Ion Ratio Lower Upper
43 100
74 12.3 25.4 38.2#



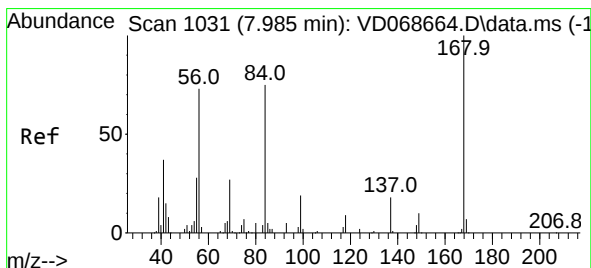
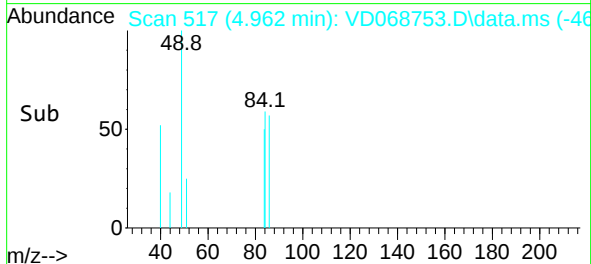
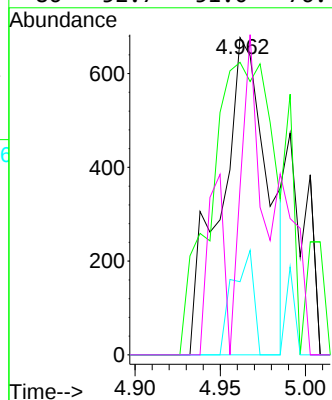


#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.005 min
Lab File: VD068753.D
Acq: 01 Apr 2021 12:43

Instrument :
MSVOA_D
ClientSampleId :
TR-03-033121

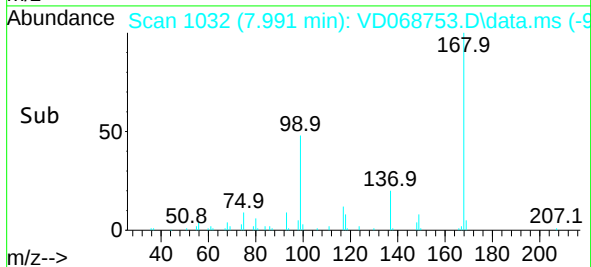
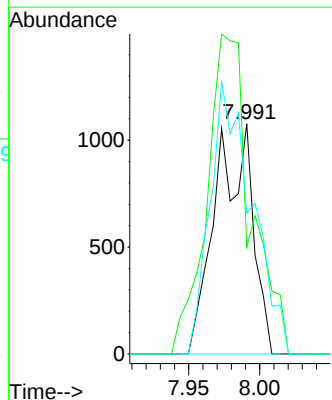
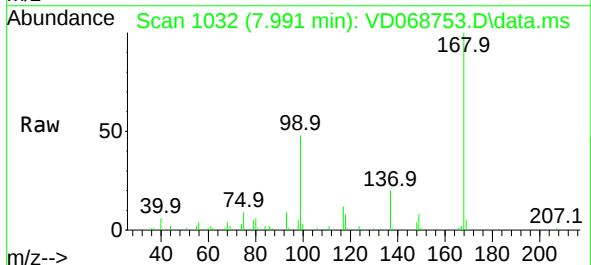


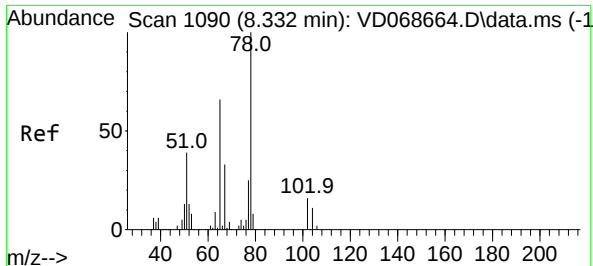
Tgt Ion: 84 Resp: 1309
Ion Ratio Lower Upper
84 100
49 92.2 83.4 125.0
51 23.0 23.4 35.2#
86 52.7 51.0 76.4



#31
Cyclohexane
Concen: 1.40 ug/l
RT: 7.991 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VD068753.D
Acq: 01 Apr 2021 12:43

Tgt Ion: 56 Resp: 1950
Ion Ratio Lower Upper
56 100
69 30.6 30.0 45.0
84 61.2 82.0 123.0#

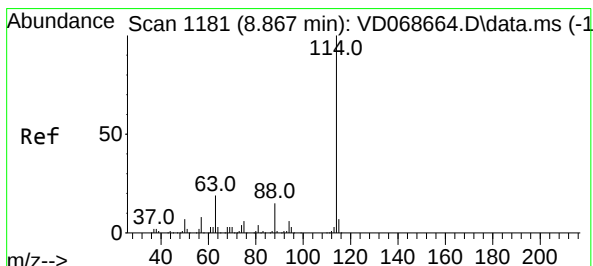
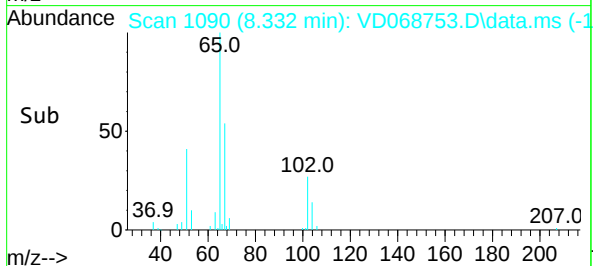
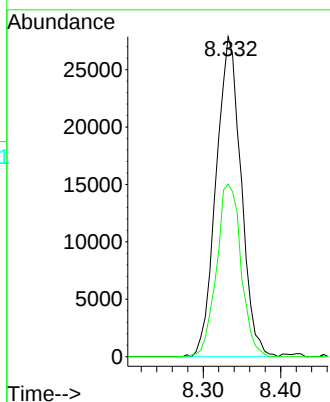
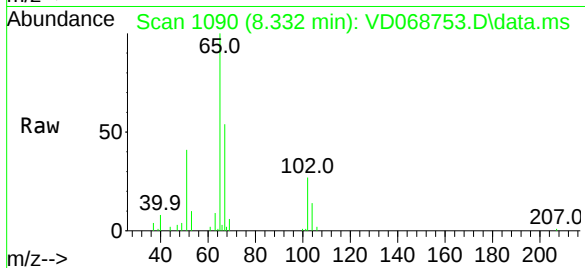




#33
1,2-Dichloroethane-d4
Concen: 72.00 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068753.D
Acq: 01 Apr 2021 12:43

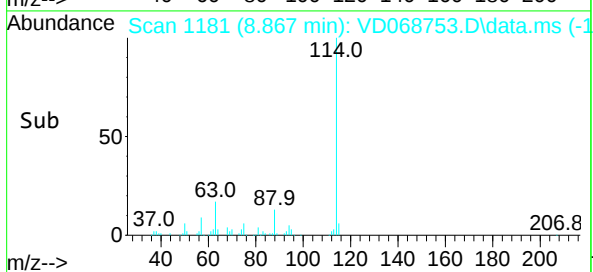
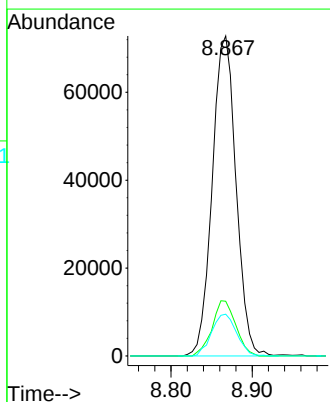
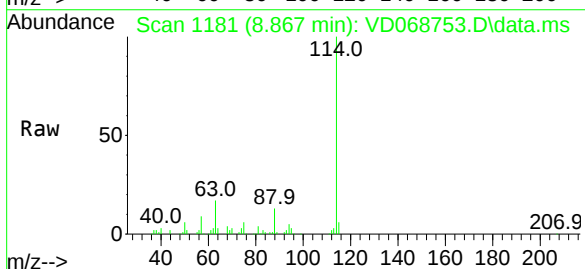
Instrument :
MSVOA_D
ClientSampleId :
TR-03-033121

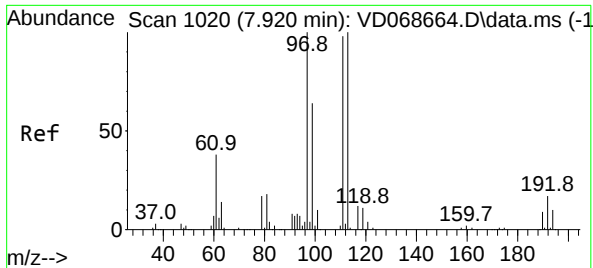
Tgt Ion: 65 Resp: 62267
Ion Ratio Lower Upper
65 100
67 53.1 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068753.D
Acq: 01 Apr 2021 12:43

Tgt Ion: 114 Resp: 148125
Ion Ratio Lower Upper
114 100
63 17.1 0.0 38.2
88 13.0 0.0 29.4





#35

Dibromofluoromethane

Concen: 59.81 ug/l

RT: 7.914 min Scan# 1019

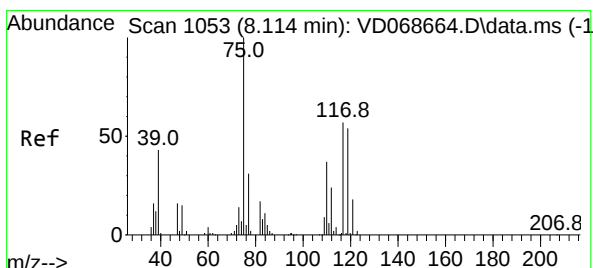
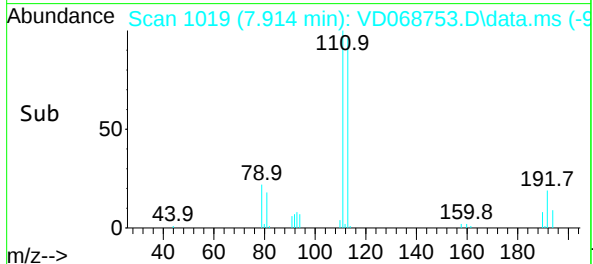
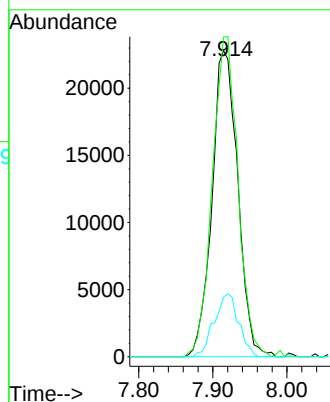
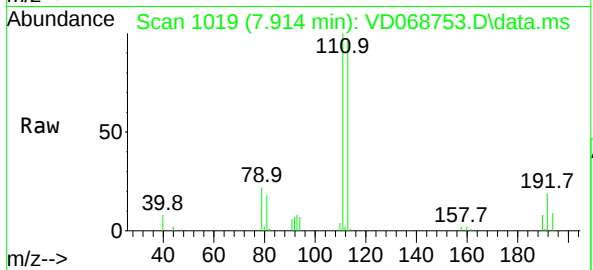
Delta R.T. -0.006 min

Lab File: VD068753.D

Acq: 01 Apr 2021 12:43

Tgt Ion:	113	Resp:	55125
Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.5	123.7
192	19.5	15.1	22.7

Instrument :
MSVOA_D
ClientSampleId :
TR-03-033121



#36

1,1-Dichloropropene

Concen: 5.19 ug/l

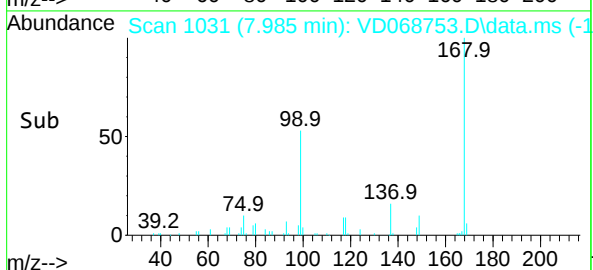
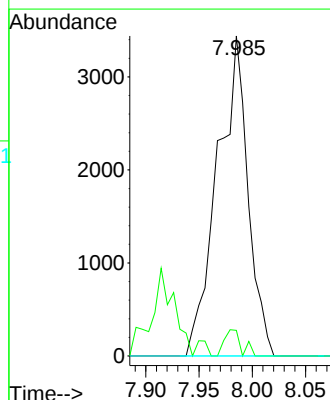
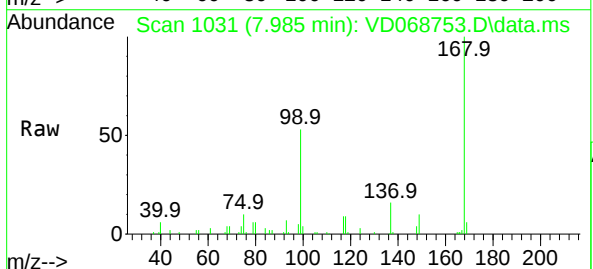
RT: 7.985 min Scan# 1031

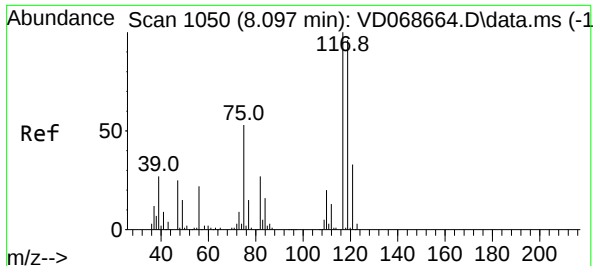
Delta R.T. -0.129 min

Lab File: VD068753.D

Acq: 01 Apr 2021 12:43

Tgt Ion:	75	Resp:	6867
Ion	Ratio	Lower	Upper
75	100		
110	4.5	18.1	54.4#
77	0.0	24.7	37.1#

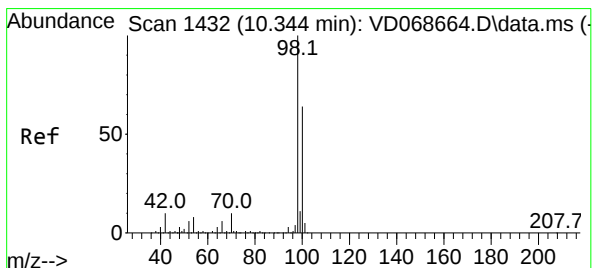
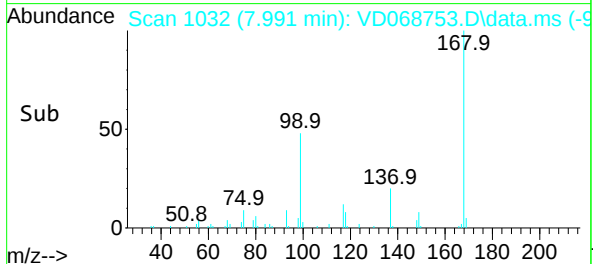
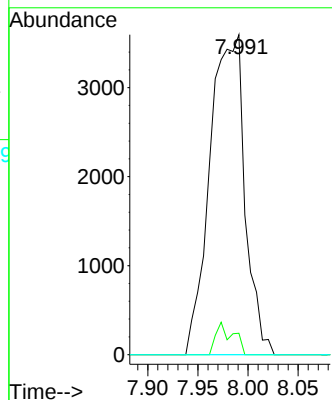
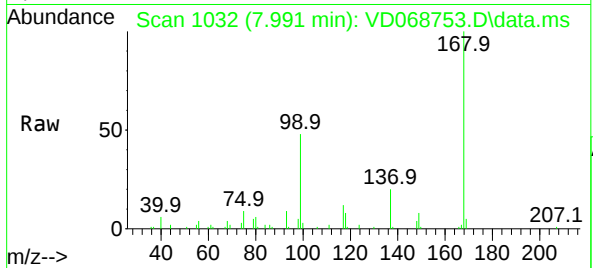




#38
Carbon Tetrachloride
Concen: 6.61 ug/l
RT: 7.991 min Scan# 1032
Delta R.T. -0.106 min
Lab File: VD068753.D
Acq: 01 Apr 2021 12:43

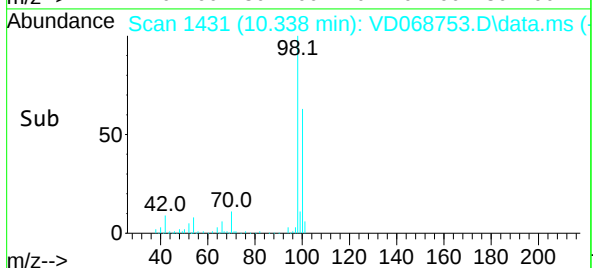
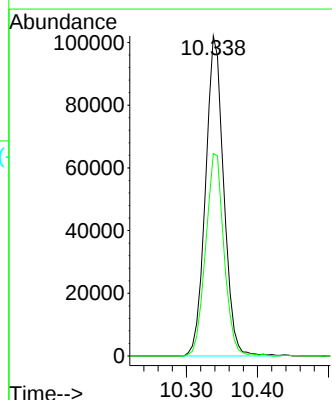
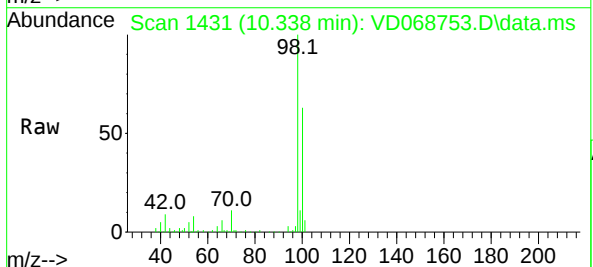
Instrument :
MSVOA_D
ClientSampleId :
TR-03-033121

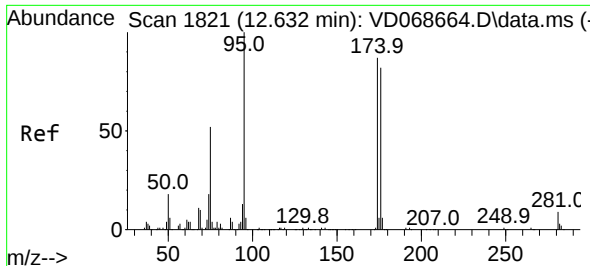
Tgt Ion:117 Resp: 8724
Ion Ratio Lower Upper
117 100
119 6.7 76.6 115.0#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 51.13 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068753.D
Acq: 01 Apr 2021 12:43

Tgt Ion: 98 Resp: 181682
Ion Ratio Lower Upper
98 100
100 64.0 51.8 77.6

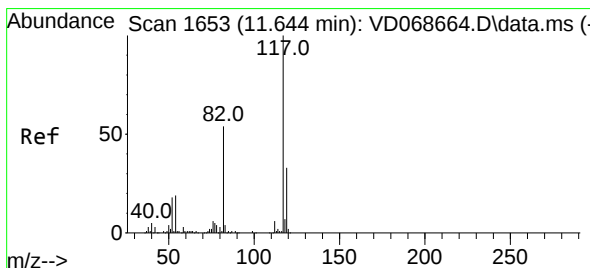
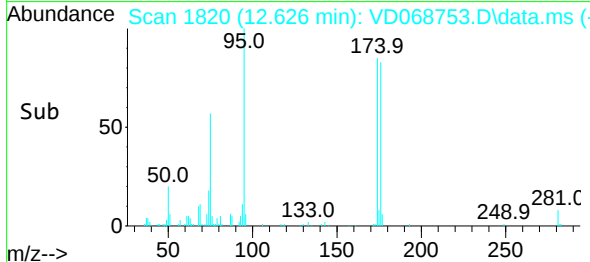
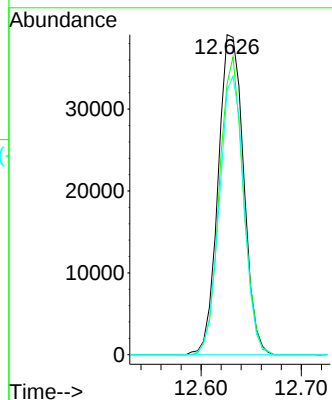
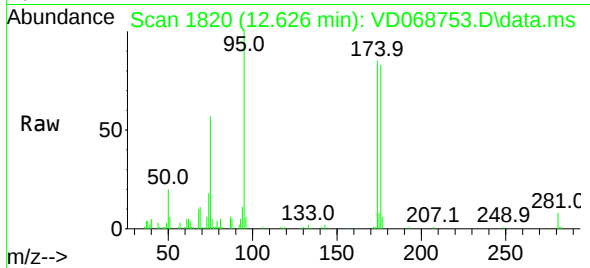




#62
4-Bromofluorobenzene
Concen: 59.62 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VD068753.D
Acq: 01 Apr 2021 12:43

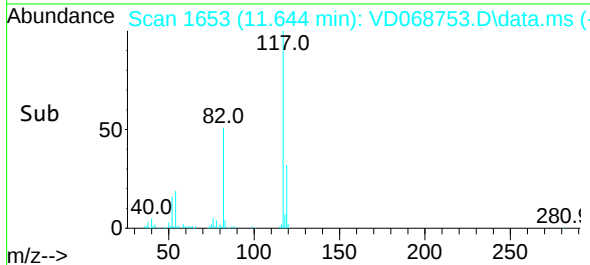
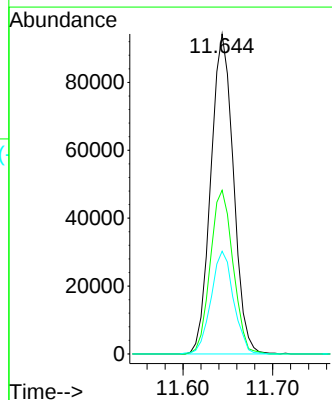
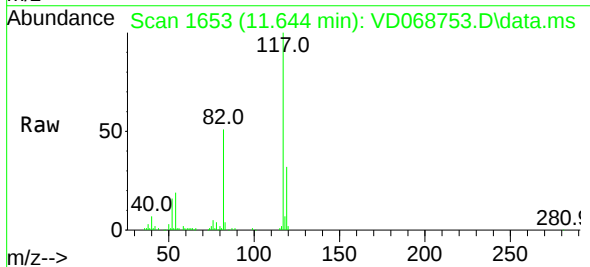
Instrument :
MSVOA_D
ClientSampleId :
TR-03-033121

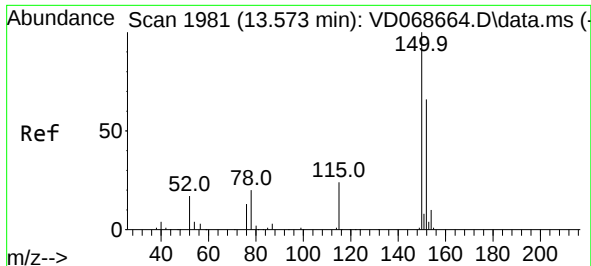
Tgt Ion: 95 Resp: 68684
Ion Ratio Lower Upper
95 100
174 87.0 0.0 168.0
176 84.3 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068753.D
Acq: 01 Apr 2021 12:43

Tgt Ion: 117 Resp: 164823
Ion Ratio Lower Upper
117 100
82 51.2 43.5 65.3
119 32.1 26.7 40.1

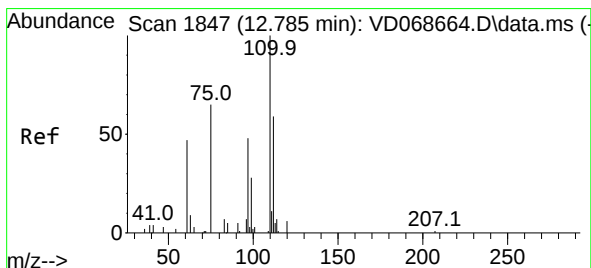
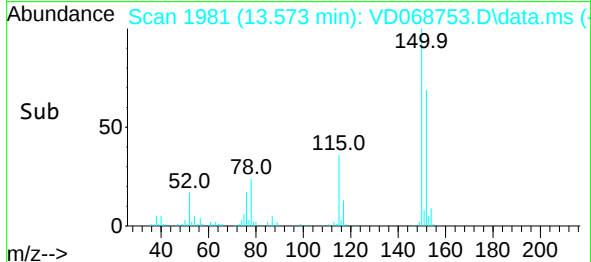
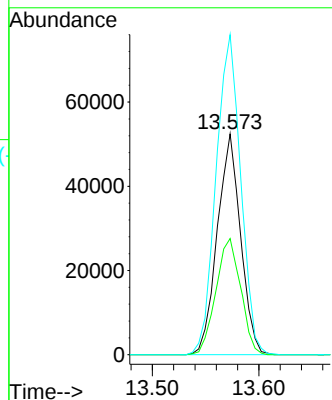
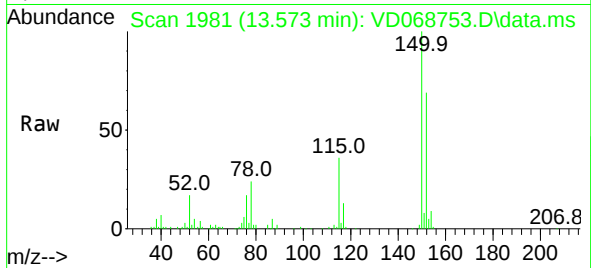




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068753.D
Acq: 01 Apr 2021 12:43

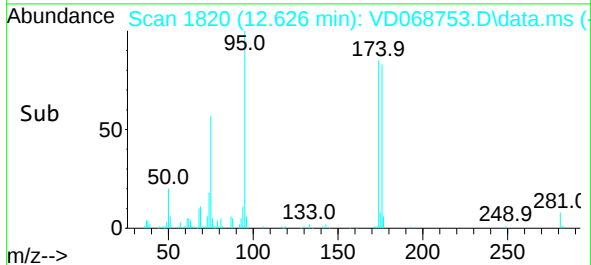
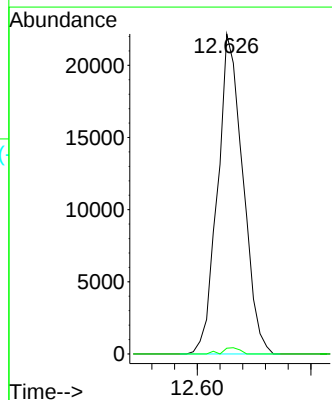
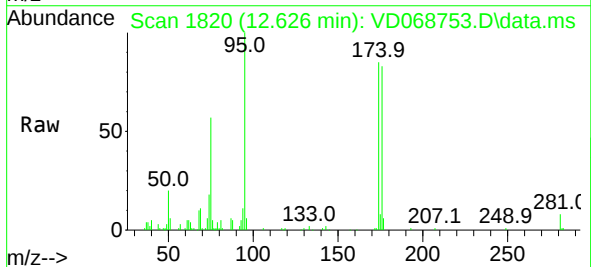
Instrument :
MSVOA_D
ClientSampleId :
TR-03-033121

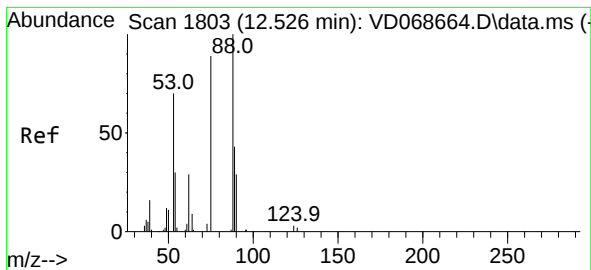
Tgt Ion:152 Resp: 79745
Ion Ratio Lower Upper
152 100
115 55.8 29.3 87.8
150 153.0 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 51.62 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.159 min
Lab File: VD068753.D
Acq: 01 Apr 2021 12:43

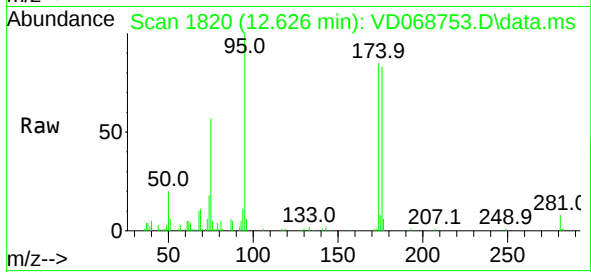
Tgt Ion: 75 Resp: 34261
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 117.44 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.100 min
 Lab File: VD068753.D
 Acq: 01 Apr 2021 12:43

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-03-033121



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

