

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040121\
 Data File : VD068763.D
 Acq On : 01 Apr 2021 17:25
 Operator : VA/SY
 Sample : M1889-01
 Misc : 11.28G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-5-(0-4)

Quant Time: Apr 02 01:05:48 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)

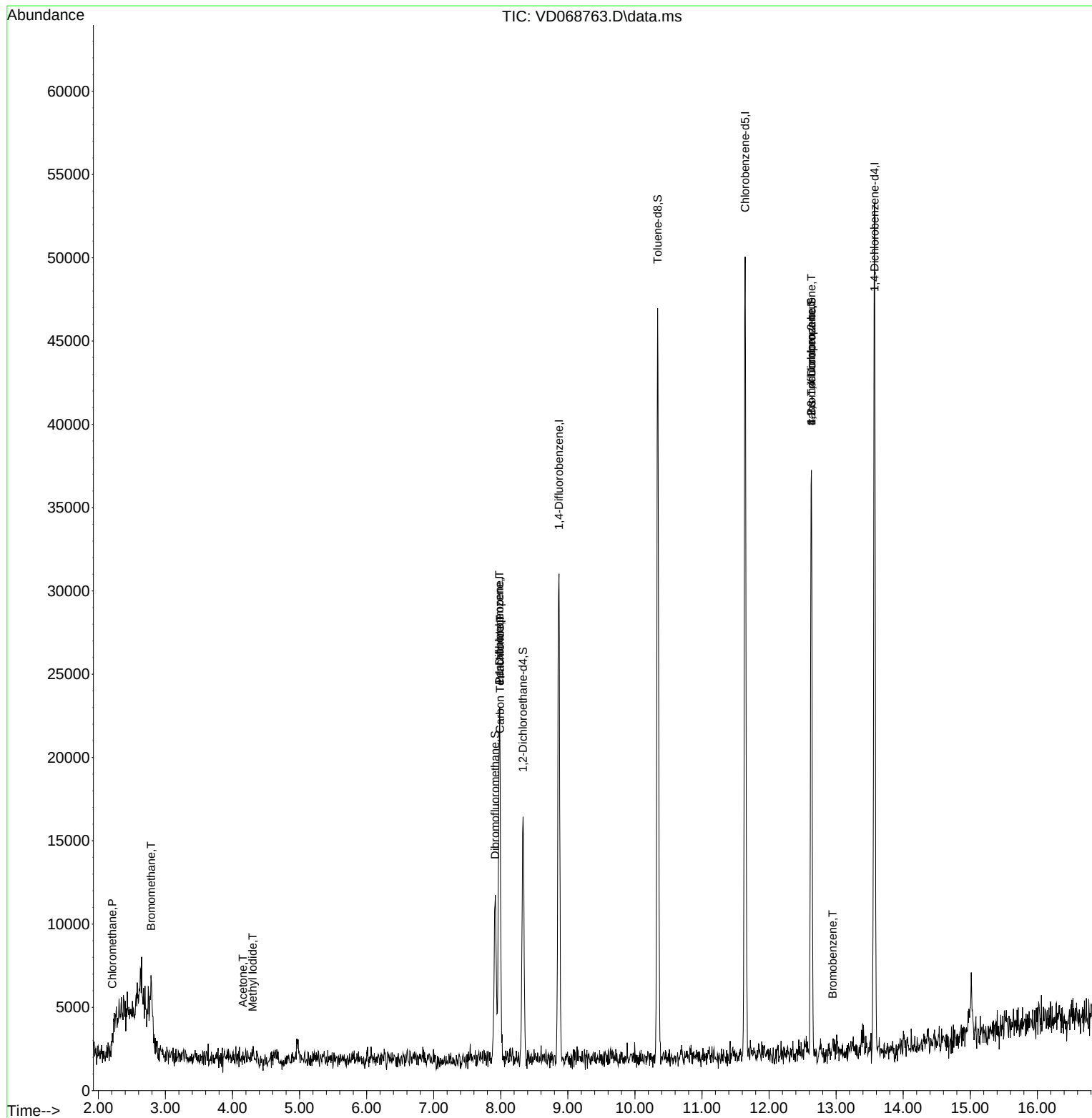
Internal Standards						
1) Pentafluorobenzene	7.979	168	16574	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	26100	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	29603	50.00	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	14285	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	11282	67.51	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.02%
35) Dibromofluoromethane	7.914	113	7180	44.21	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.42%
50) Toluene-d8	10.338	98	32698	52.23	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.46%
62) 4-Bromofluorobenzene	12.632	95	12323	60.71	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	121.42%
Target Compounds						
					Qvalue	
3) Chloromethane	2.209	50	332	2.08	ug/l #	41
5) Bromomethane	2.785	94	1094	7.85	ug/l	90
10) Methyl Iodide	4.303	142	389	5.75	ug/l #	72
16) Acetone	4.156	43	119	5.87	ug/l #	40
20) Methylene Chloride	4.979	84	878	Below Cal	#	65
36) 1,1-Dichloropropene	7.979	75	1166	5.00	ug/l #	41
38) Carbon Tetrachloride	7.991	117	1502	6.46	ug/l #	12
76) 1,2,3-Trichloropropane	12.632	75	6105	51.35	ug/l #	100
77) Bromobenzene	12.949	156	364	1.58	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.632	75	6105	116.82	ug/l #	16

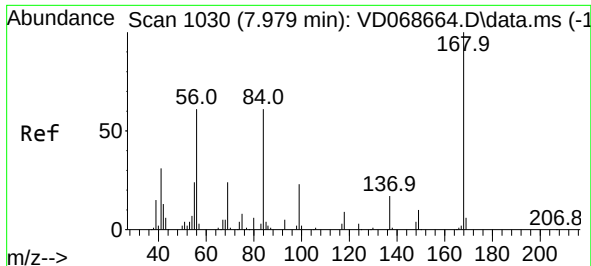
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TP-5-(0-4)

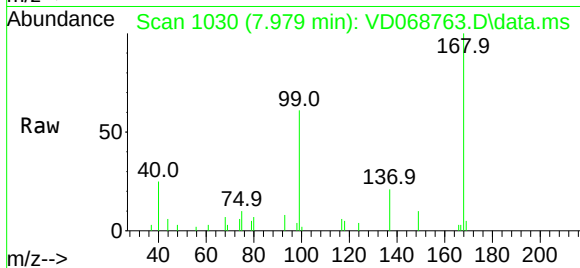
Quant Time: Apr 02 01:05:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 20 02:00:55 2021
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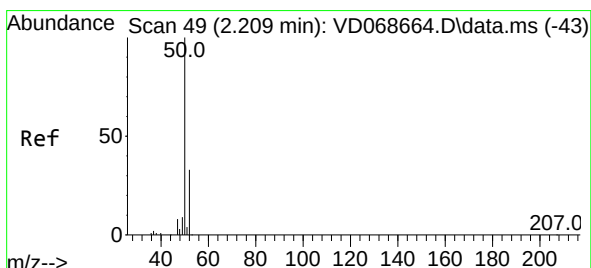
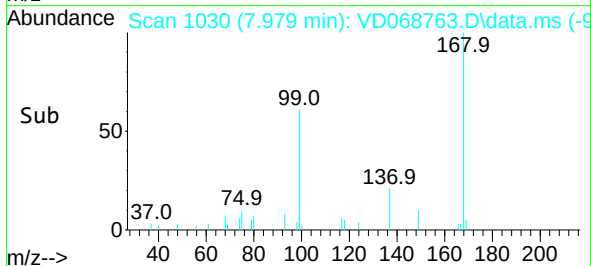
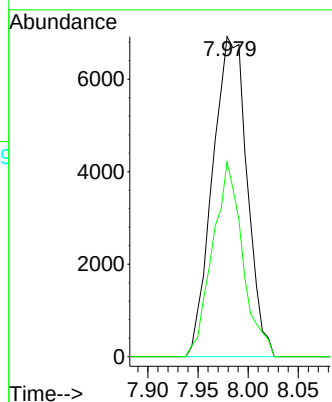


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068763.D
Acq: 01 Apr 2021 17:25

Instrument :
MSVOA_D
ClientSampleId :
TP-5-(0-4)

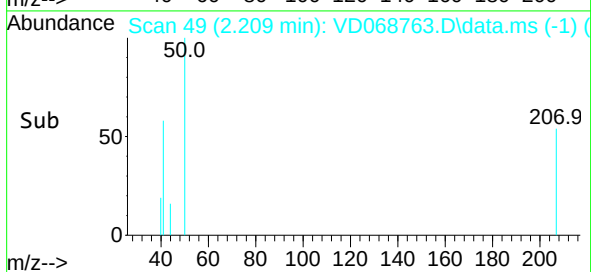
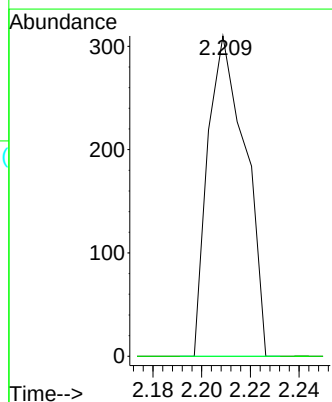
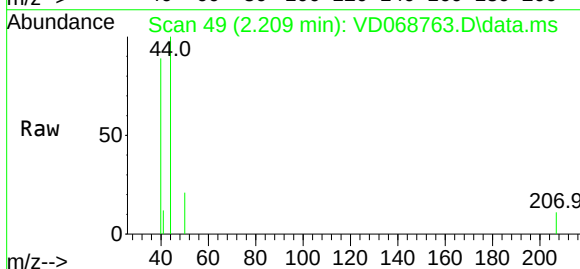


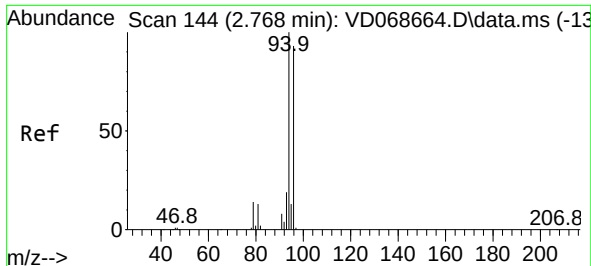
Tgt Ion:168 Resp: 16574
Ion Ratio Lower Upper
168 100
99 60.8 46.2 69.2



#3
Chloromethane
Concen: 2.08 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD068763.D
Acq: 01 Apr 2021 17:25

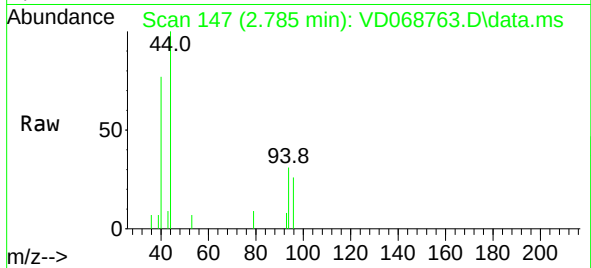
Tgt Ion: 50 Resp: 332
Ion Ratio Lower Upper
50 100
52 0.0 26.7 40.1#



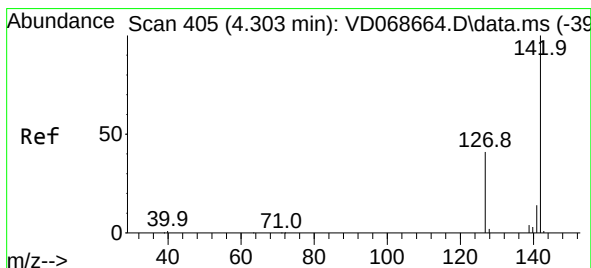
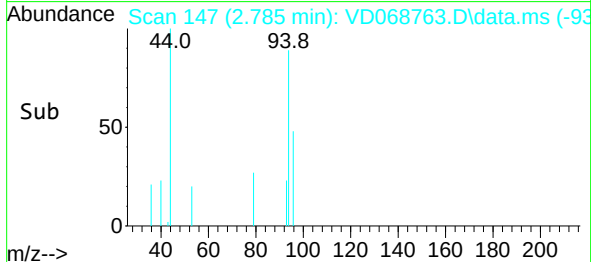
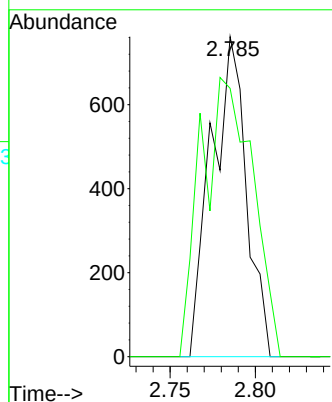


#5
Bromomethane
Concen: 7.85 ug/l
RT: 2.785 min Scan# 147
Delta R.T. 0.017 min
Lab File: VD068763.D
Acq: 01 Apr 2021 17:25

Instrument :
MSVOA_D
ClientSampleId :
TP-5-(0-4)

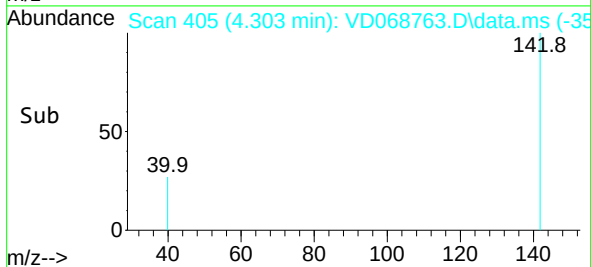
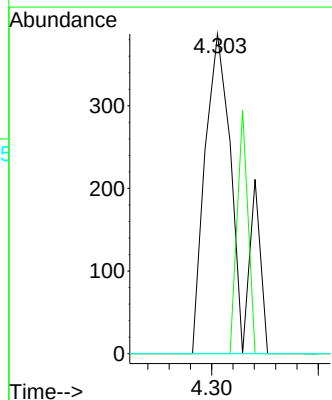
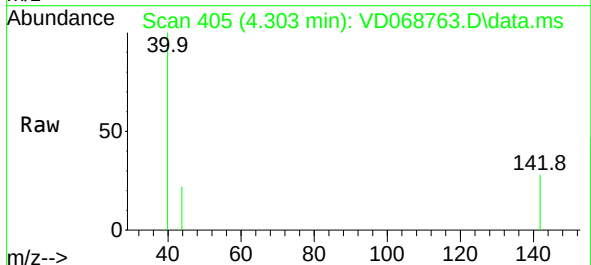


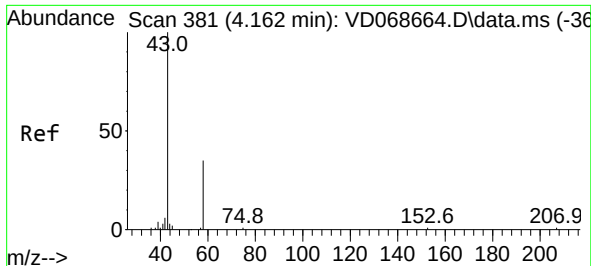
Tgt Ion: 94 Resp: 1094
Ion Ratio Lower Upper
94 100
96 83.9 74.7 112.1



#10
Methyl Iodide
Concen: 5.75 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD068763.D
Acq: 01 Apr 2021 17:25

Tgt Ion: 142 Resp: 389
Ion Ratio Lower Upper
142 100
127 26.7 34.7 52.1#
141 0.0 11.0 16.4#

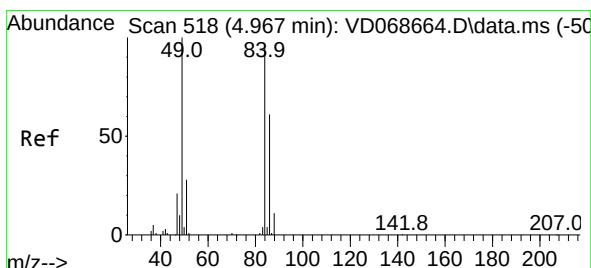
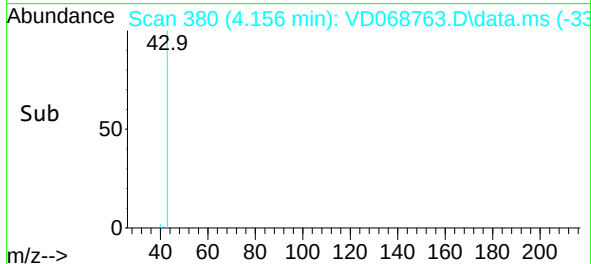
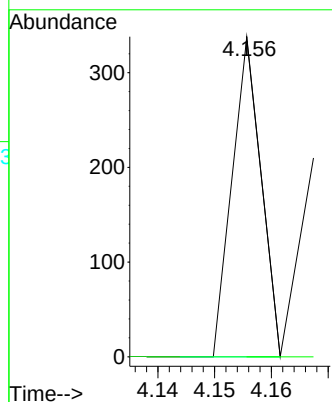
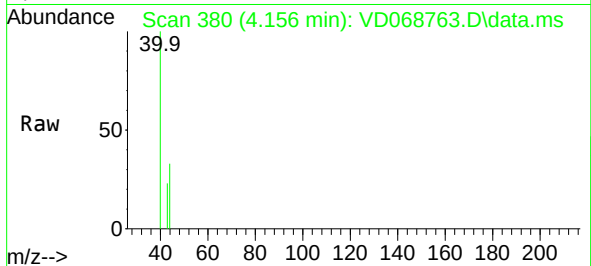




#16
Acetone
Concen: 5.87 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD068763.D
Acq: 01 Apr 2021 17:25

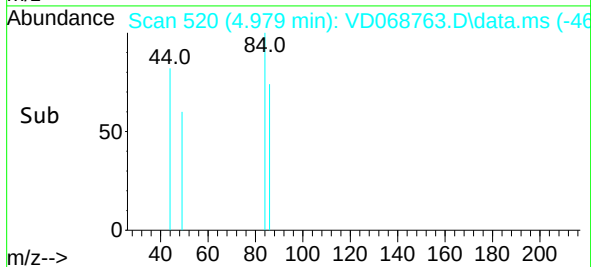
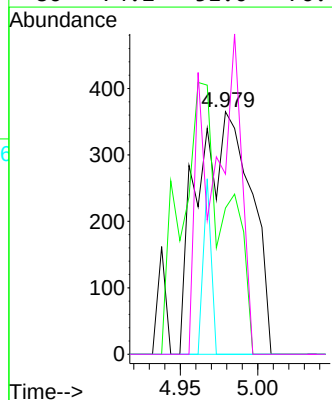
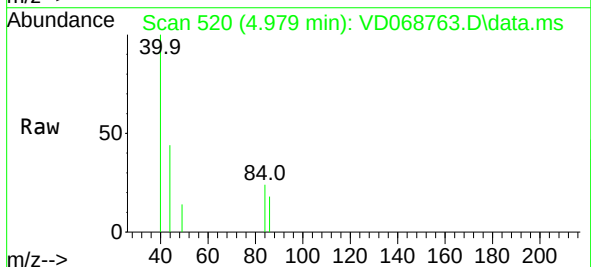
Instrument :
MSVOA_D
ClientSampleId :
TP-5-(0-4)

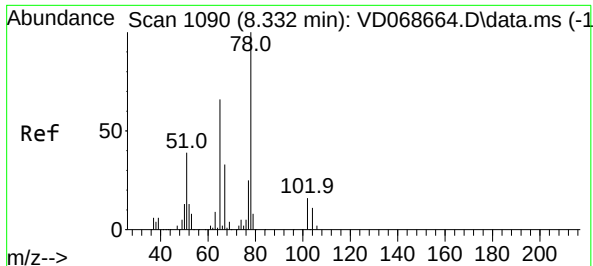
Tgt Ion: 43 Resp: 119
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.979 min Scan# 520
Delta R.T. 0.012 min
Lab File: VD068763.D
Acq: 01 Apr 2021 17:25

Tgt Ion: 84 Resp: 878
Ion Ratio Lower Upper
84 100
49 60.3 83.4 125.0#
51 0.0 23.4 35.2#
86 74.2 51.0 76.4





#33

1,2-Dichloroethane-d4

Concen: 67.51 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. -0.000 min

Lab File: VD068763.D

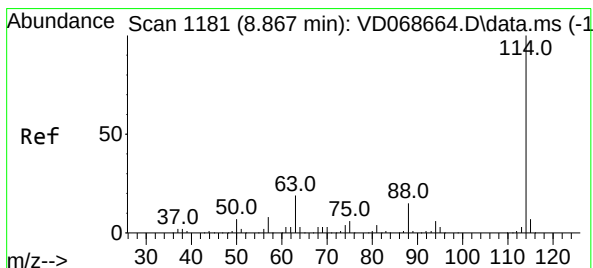
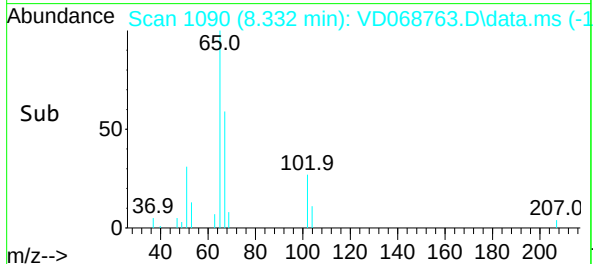
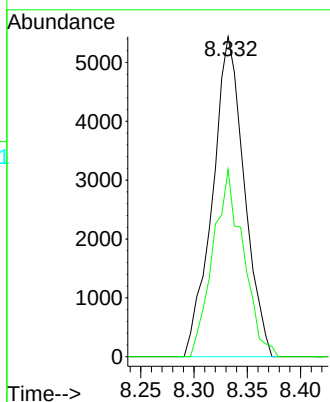
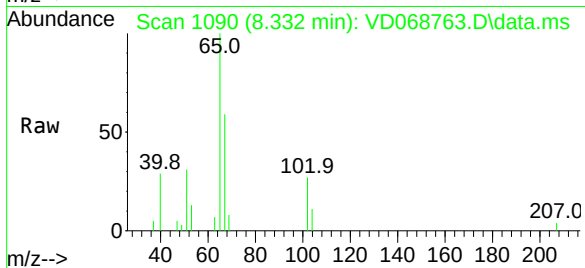
Acq: 01 Apr 2021 17:25

Tgt Ion: 65 Resp: 11282

Ion Ratio Lower Upper

65 100

67 56.0 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: VD068763.D

Acq: 01 Apr 2021 17:25

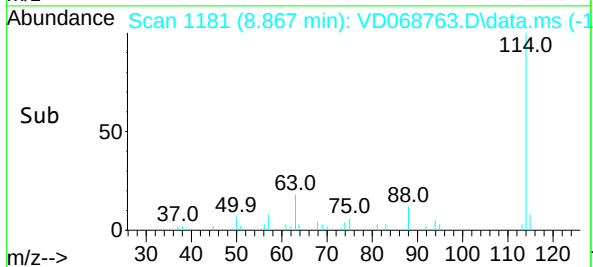
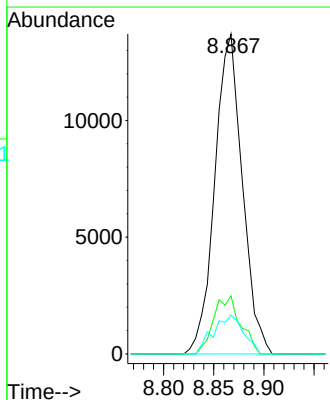
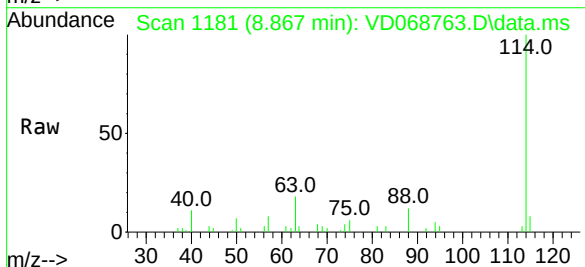
Tgt Ion: 114 Resp: 26100

Ion Ratio Lower Upper

114 100

63 18.2 0.0 38.2

88 12.1 0.0 29.4

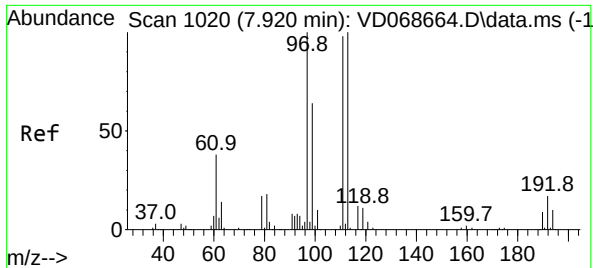


Instrument :

MSVOA_D

ClientSampleId :

TP-5-(0-4)



#35

Dibromofluoromethane

Concen: 44.21 ug/l

RT: 7.914 min Scan# 1019

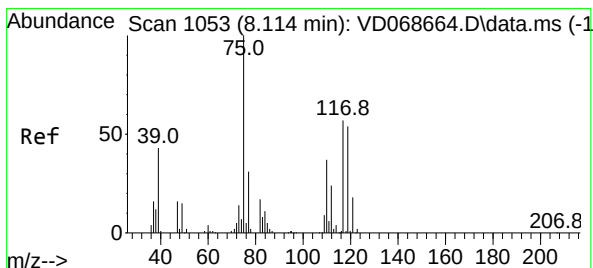
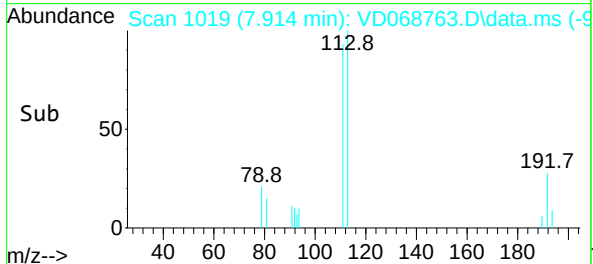
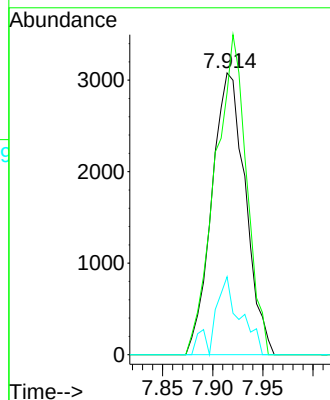
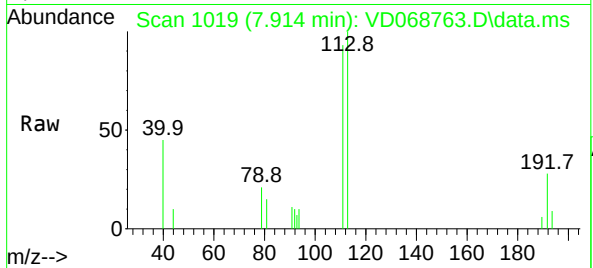
Delta R.T. -0.006 min

Lab File: VD068763.D

Acq: 01 Apr 2021 17:25

Tgt Ion:	113	Resp:	7180
Ion	Ratio	Lower	Upper
113	100		
111	106.5	82.5	123.7
192	21.3	15.1	22.7

Instrument :
MSVOA_D
ClientSampleId :
TP-5-(0-4)



#36

1,1-Dichloropropene

Concen: 5.00 ug/l

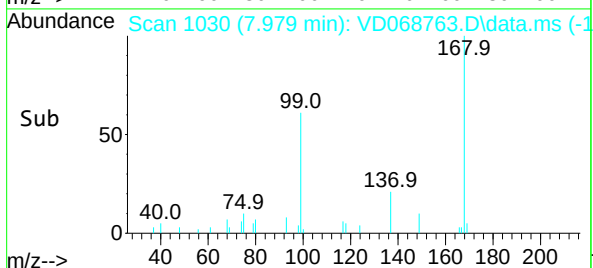
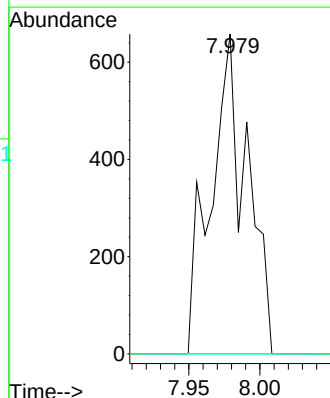
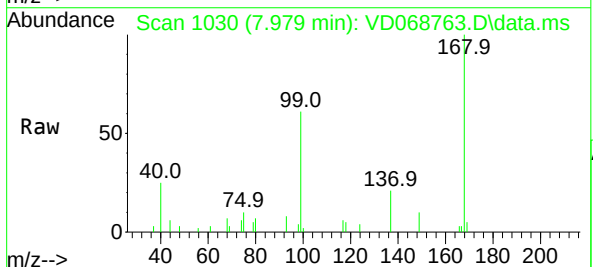
RT: 7.979 min Scan# 1030

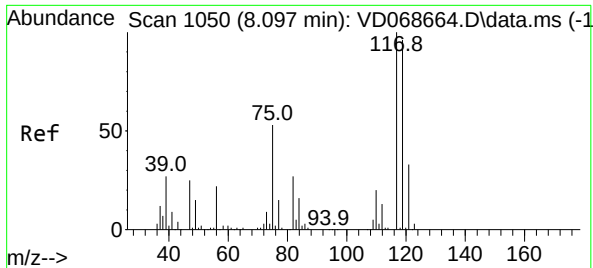
Delta R.T. -0.135 min

Lab File: VD068763.D

Acq: 01 Apr 2021 17:25

Tgt Ion:	75	Resp:	1166
Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.1	54.4#
77	0.0	24.7	37.1#

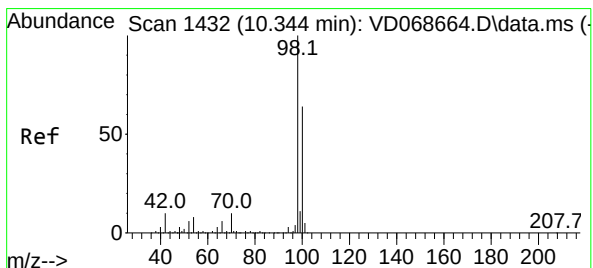
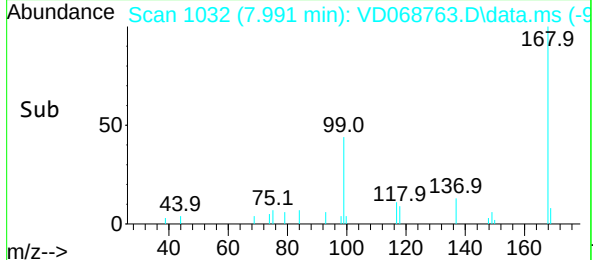
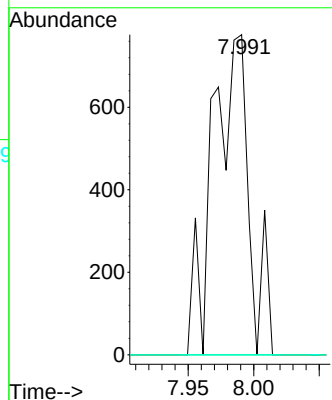
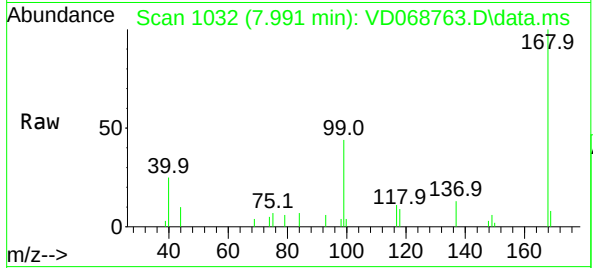




#38
Carbon Tetrachloride
Concen: 6.46 ug/l
RT: 7.991 min Scan# 1032
Delta R.T. -0.106 min
Lab File: VD068763.D
Acq: 01 Apr 2021 17:25

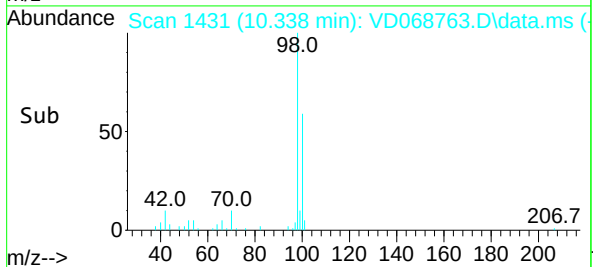
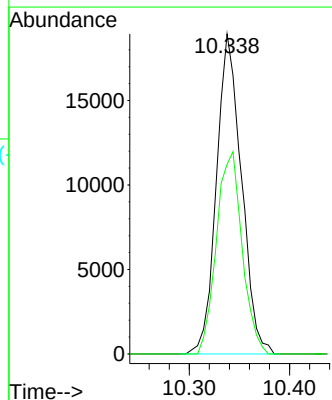
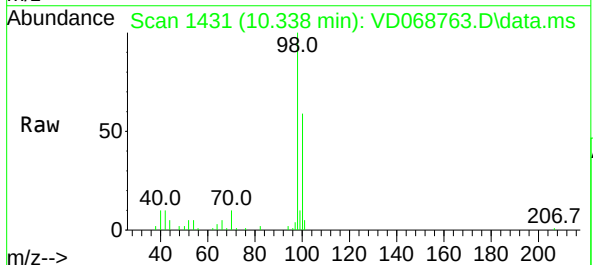
Instrument :
MSVOA_D
ClientSampled :
TP-5-(0-4)

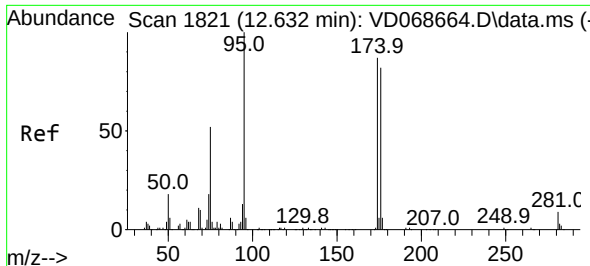
Tgt Ion:117 Resp: 1502
Ion Ratio Lower Upper
117 100
119 0.0 76.6 115.0#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 52.23 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068763.D
Acq: 01 Apr 2021 17:25

Tgt Ion: 98 Resp: 32698
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6

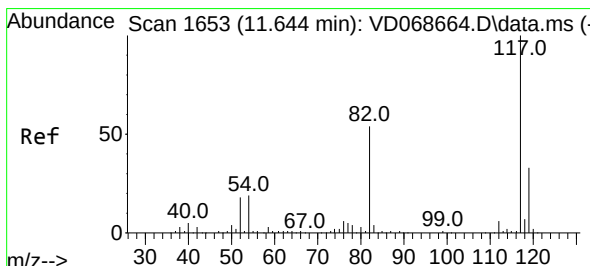
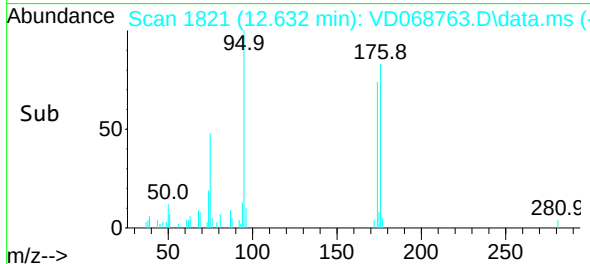
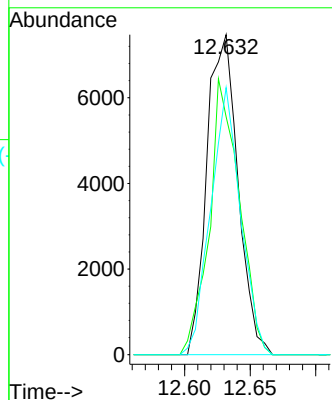
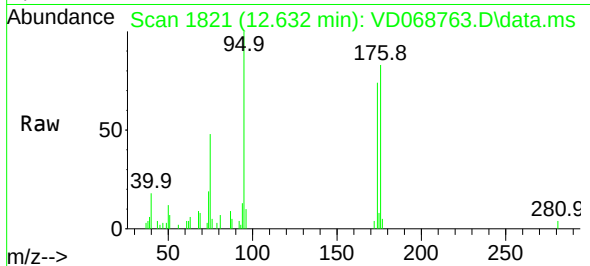




#62
4-Bromofluorobenzene
Concen: 60.71 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068763.D
Acq: 01 Apr 2021 17:25

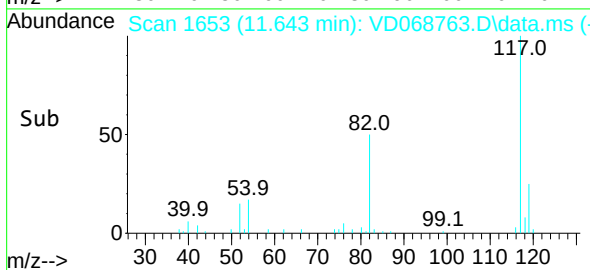
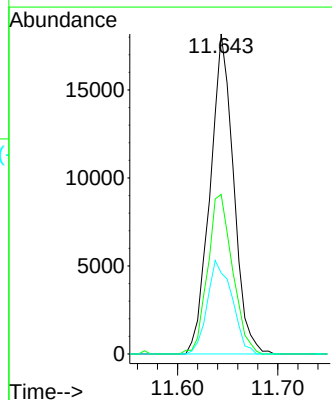
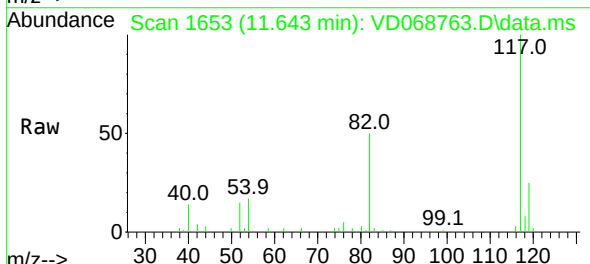
Instrument :
MSVOA_D
ClientSampleId :
TP-5-(0-4)

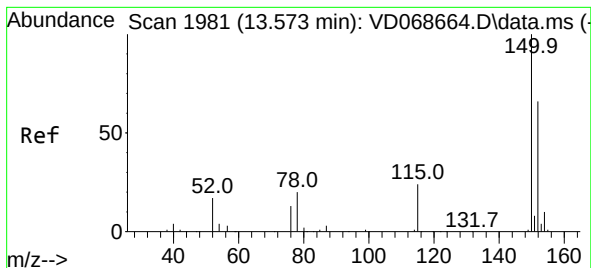
Tgt Ion:	95	Resp:	12323
Ion Ratio	Lower	Upper	
95	100		
174	83.4	0.0	168.0
176	80.2	0.0	160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD068763.D
Acq: 01 Apr 2021 17:25

Tgt Ion:	117	Resp:	29603
Ion Ratio	Lower	Upper	
117	100		
82	49.8	43.5	65.3
119	25.3	26.7	40.1#

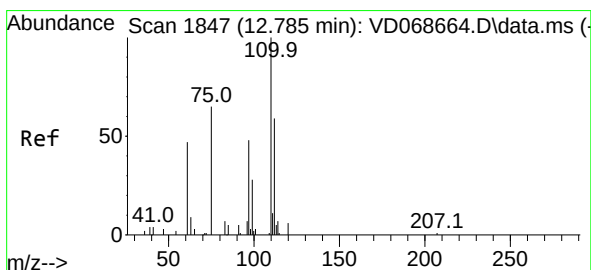
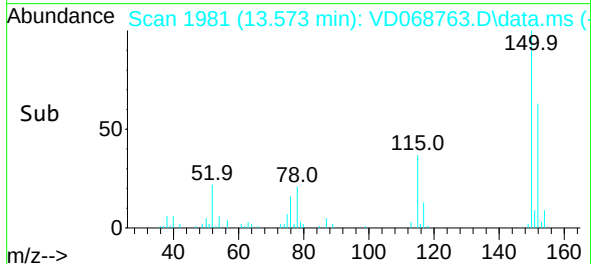
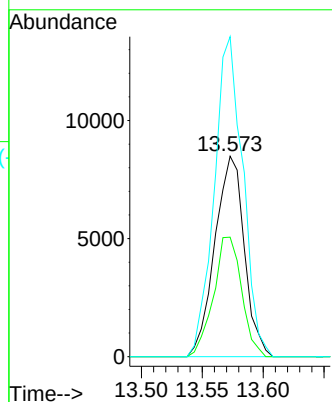
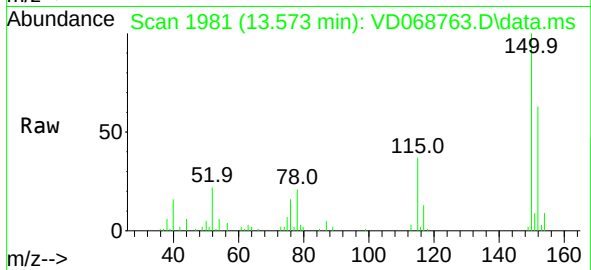




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.573 min Scan# 1981
 Delta R.T. -0.000 min
 Lab File: VD068763.D
 Acq: 01 Apr 2021 17:25

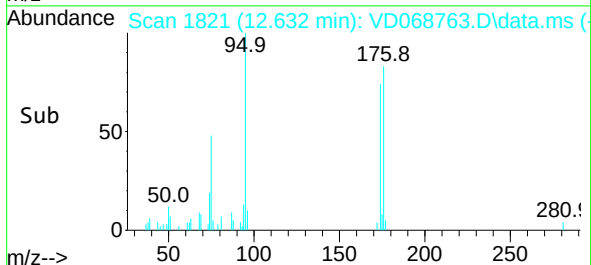
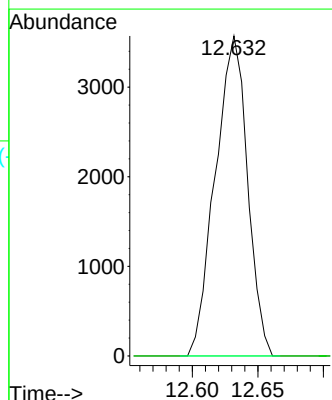
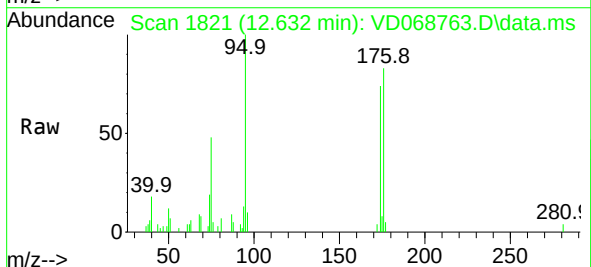
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-5-(0-4)

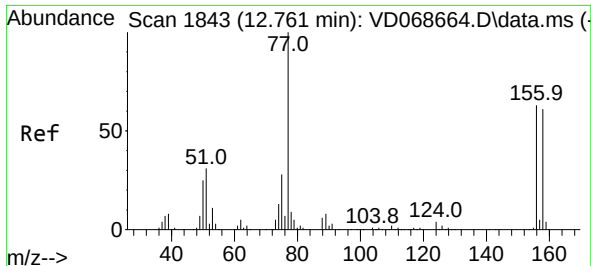
Tgt Ion:152 Resp: 14285
 Ion Ratio Lower Upper
 152 100
 115 56.9 29.3 87.8
 150 154.8 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 51.35 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. -0.153 min
 Lab File: VD068763.D
 Acq: 01 Apr 2021 17:25

Tgt Ion: 75 Resp: 6105
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

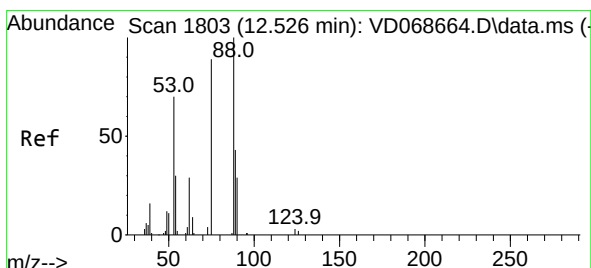
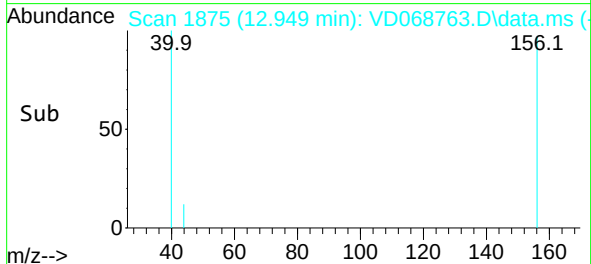
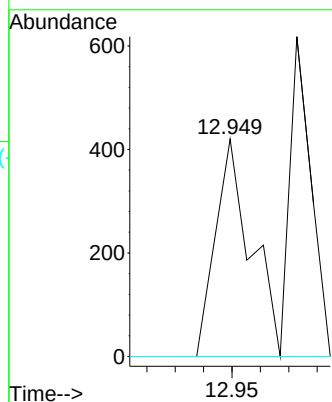
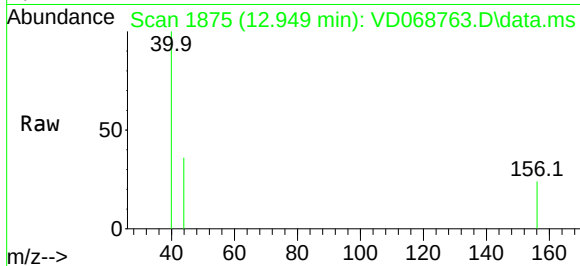




#77
Bromobenzene
Concen: 1.58 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.188 min
Lab File: VD068763.D
Acq: 01 Apr 2021 17:25

Instrument :
MSVOA_D
ClientSampled :
TP-5-(0-4)

Tgt Ion:156 Resp: 364
Ion Ratio Lower Upper
156 100
77 0.0 88.9 266.8#
158 0.0 47.7 143.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 116.82 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068763.D
Acq: 01 Apr 2021 17:25

Tgt Ion: 75 Resp: 6105
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 36.6 54.8#

