

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040121\
 Data File : VD068754.D
 Acq On : 01 Apr 2021 13:11
 Operator : VA/SY
 Sample : M1886-01
 Misc : 6.36G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-124035

Quant Time: Apr 02 01:03:12 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)

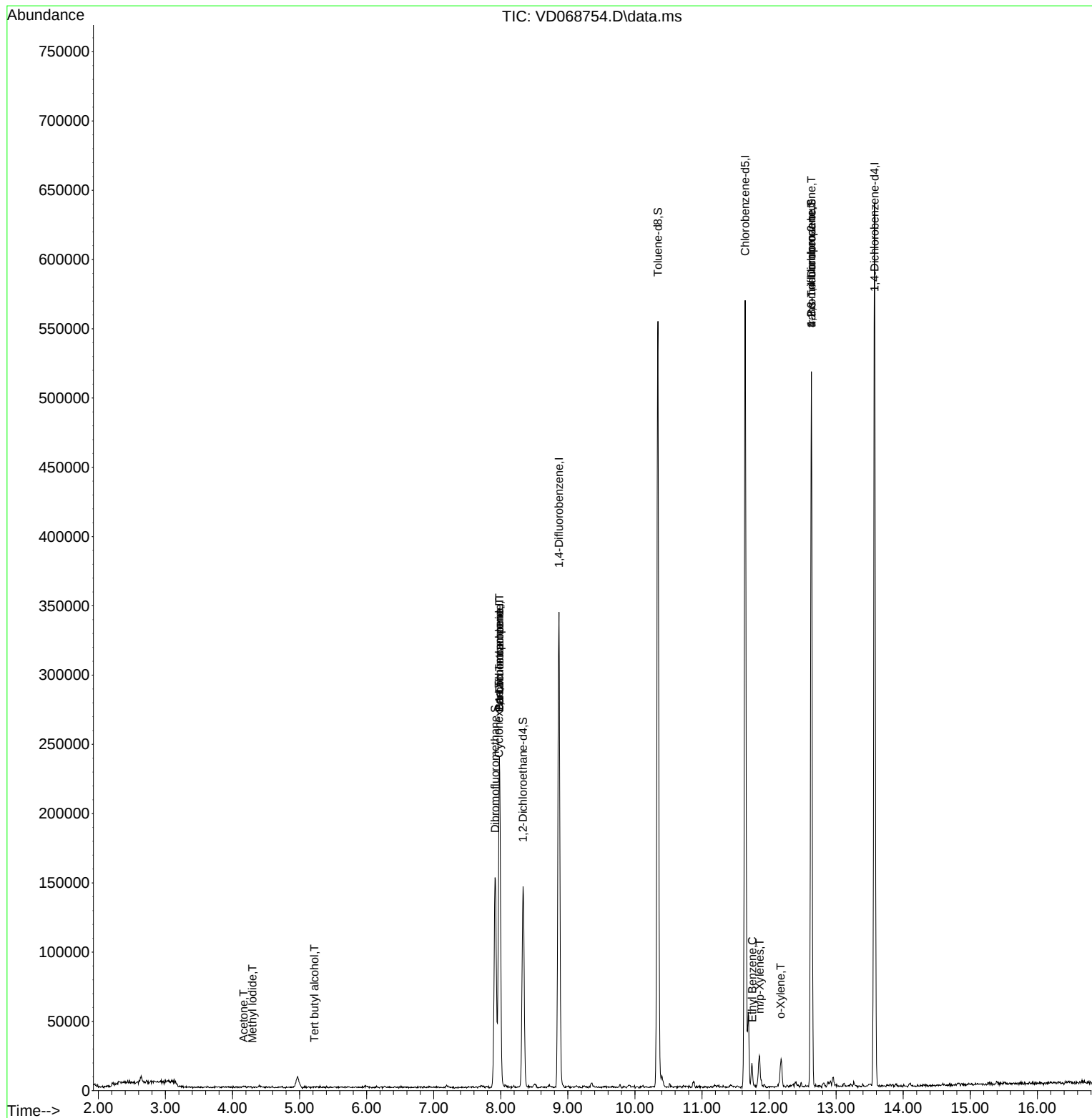
Internal Standards						
1) Pentafluorobenzene	7.979	168	178004	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	310755	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	342355	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	168913	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	115454	64.32	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 128.64%			
35) Dibromofluoromethane	7.914	113	112884	58.38	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 116.76%			
50) Toluene-d8	10.343	98	390586	52.40	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.80%			
62) 4-Bromofluorobenzene	12.631	95	153722	63.60	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 127.20%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.297	142	97	3.52	ug/l #	41
11) Tert butyl alcohol	5.220	59	209	2.53	ug/l #	73
16) Acetone	4.167	43	927	4.26	ug/l #	40
20) Methylene Chloride	4.961	84	7074	Below Cal		91
31) Cyclohexane	7.973	56	4219	1.46	ug/l #	43
36) 1,1-Dichloropropene	7.979	75	13064	4.71	ug/l #	50
38) Carbon Tetrachloride	7.979	117	17734	6.40	ug/l #	16
67) Ethyl Benzene	11.749	91	12334	1.05	ug/l #	87
68) m/p-Xylenes	11.861	106	7173	1.57	ug/l	88
69) o-Xylene	12.173	106	5639	1.33	ug/l	92
76) 1,2,3-Trichloropropane	12.631	75	77768	55.32	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.631	75	77768	125.85	ug/l #	16

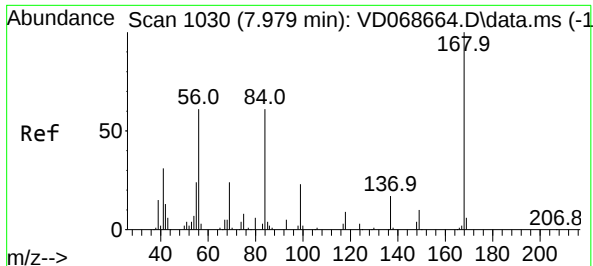
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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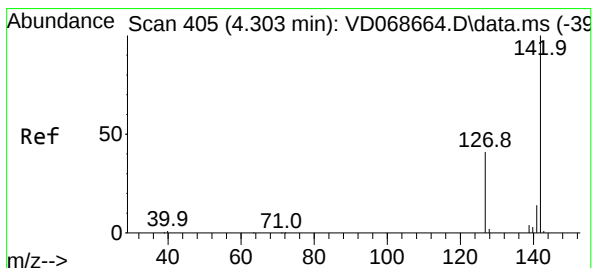
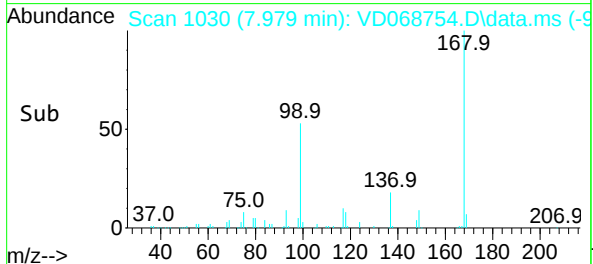
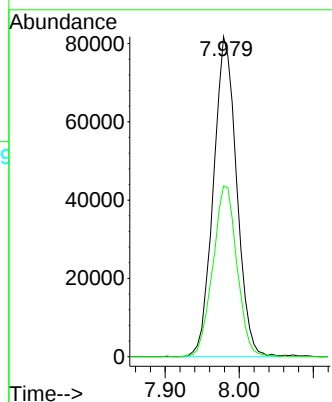
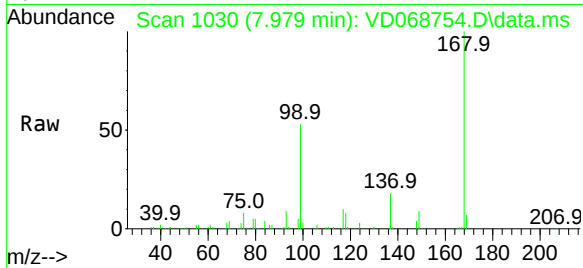




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068754.D
Acq: 01 Apr 2021 13:11

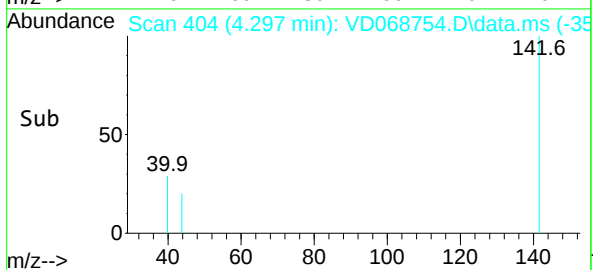
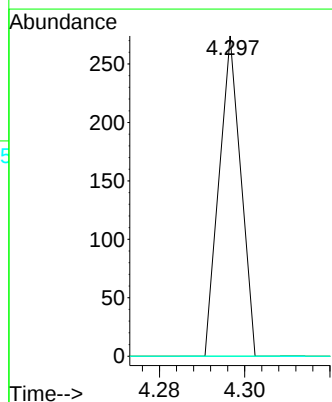
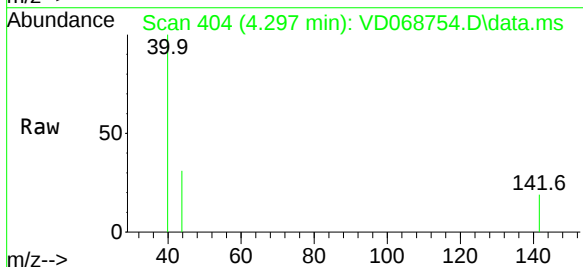
Instrument :
MSVOA_D
ClientSampleId :
RO-124035

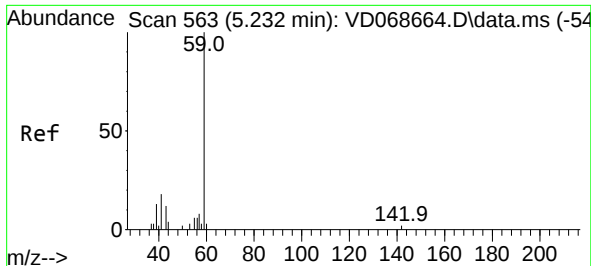
Tgt Ion:168 Resp: 178004
Ion Ratio Lower Upper
168 100
99 53.3 46.2 69.2



#10
Methyl Iodide
Concen: 3.52 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD068754.D
Acq: 01 Apr 2021 13:11

Tgt Ion:142 Resp: 97
Ion Ratio Lower Upper
142 100
127 0.0 34.7 52.1#
141 0.0 11.0 16.4#

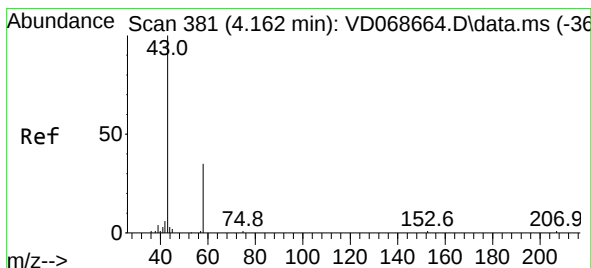
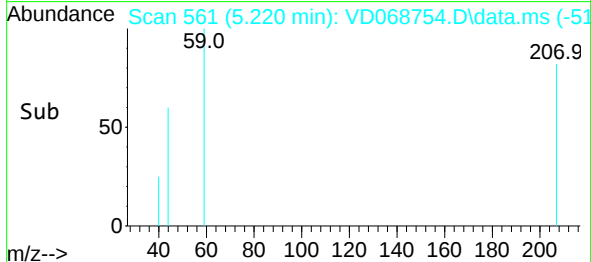
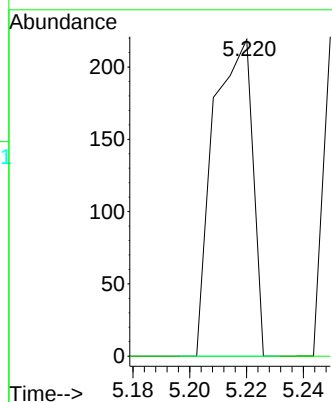
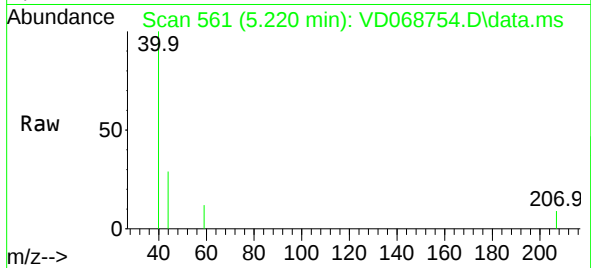




#11
Tert butyl alcohol
Concen: 2.53 ug/l
RT: 5.220 min Scan# 561
Delta R.T. -0.012 min
Lab File: VD068754.D
Acq: 01 Apr 2021 13:11

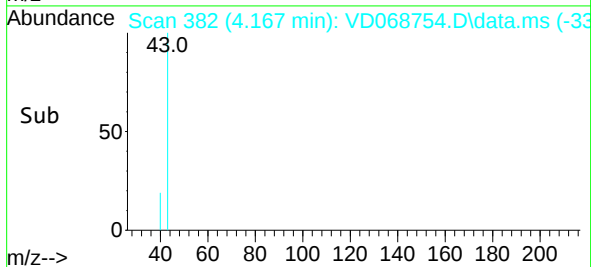
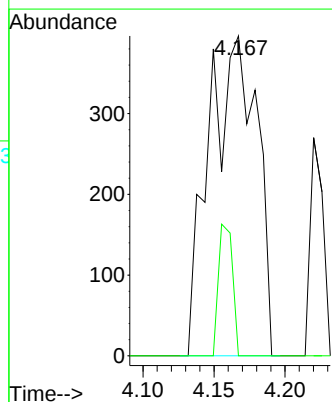
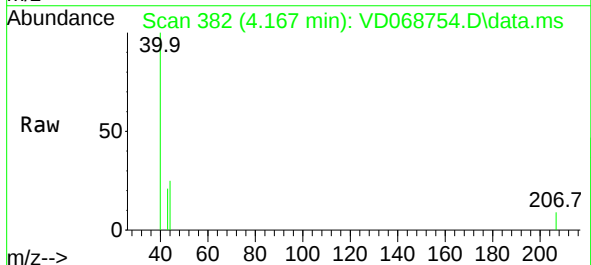
Instrument :
MSVOA_D
ClientSampleId :
RO-124035

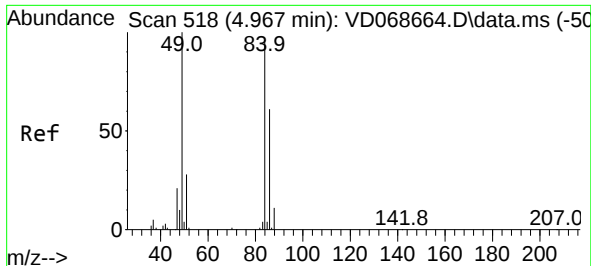
Tgt Ion: 59 Resp: 209
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 4.26 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068754.D
Acq: 01 Apr 2021 13:11

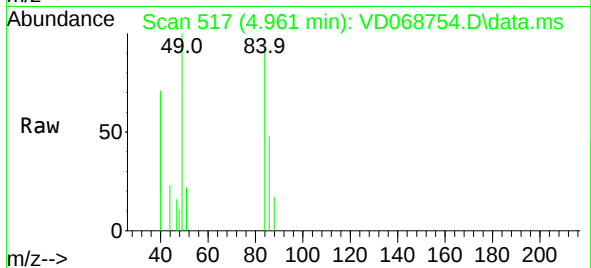
Tgt Ion: 43 Resp: 927
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#





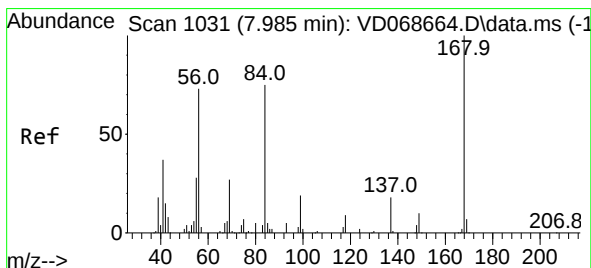
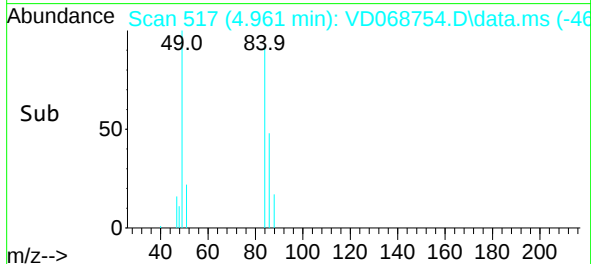
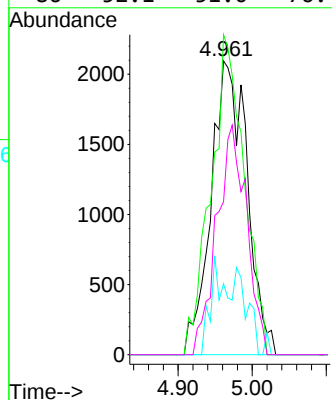
#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD068754.D
Acq: 01 Apr 2021 13:11

Instrument :
MSVOA_D
ClientSampleId :
RO-124035



Tgt Ion: 84 Resp: 7074

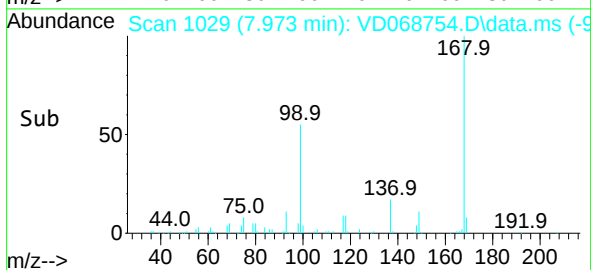
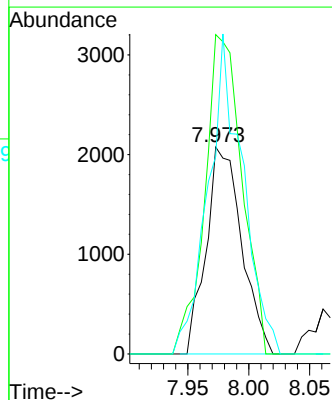
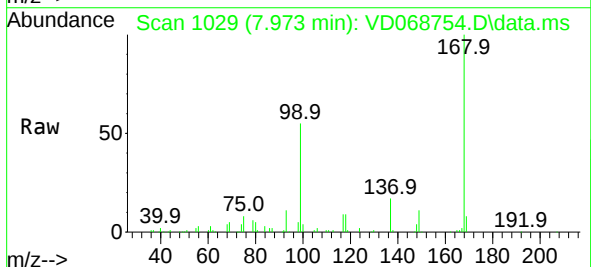
Ion	Ratio	Lower	Upper
84	100		
49	108.9	83.4	125.0
51	24.2	23.4	35.2
86	52.1	51.0	76.4

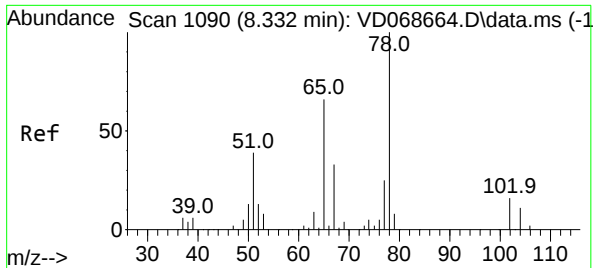


#31
Cyclohexane
Concen: 1.46 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD068754.D
Acq: 01 Apr 2021 13:11

Tgt Ion: 56 Resp: 4219

Ion	Ratio	Lower	Upper
56	100		
69	154.4	30.0	45.0#
84	95.6	82.0	123.0

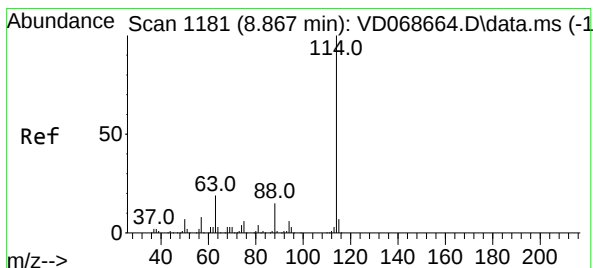
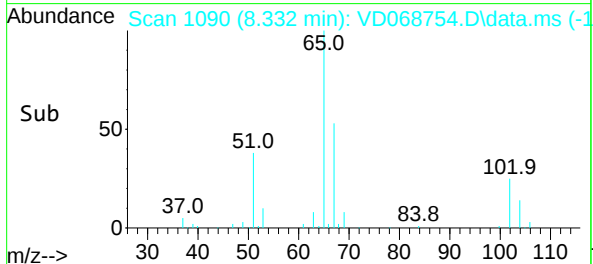
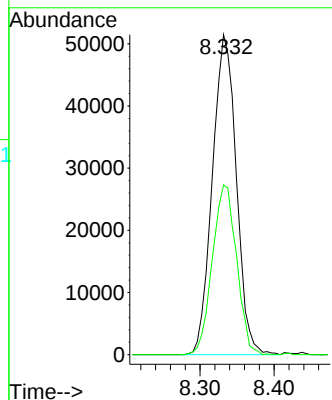
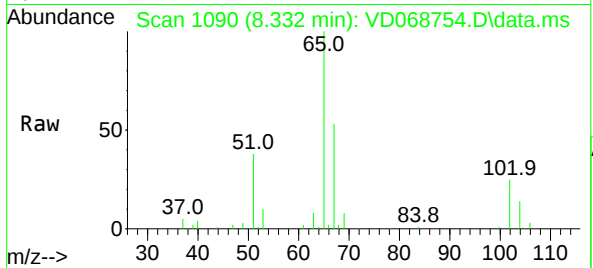




#33
1,2-Dichloroethane-d4
Concen: 64.32 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068754.D
Acq: 01 Apr 2021 13:11

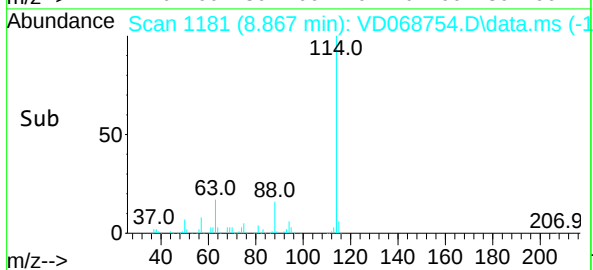
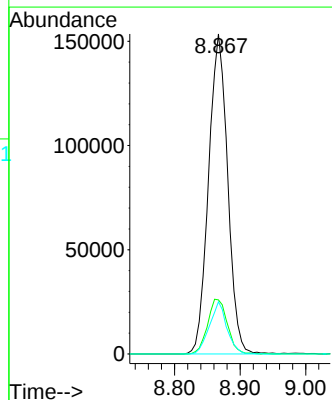
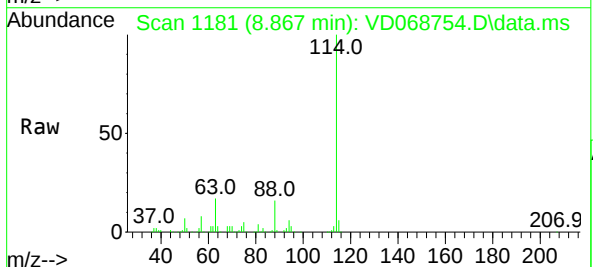
Instrument :
MSVOA_D
ClientSampleId :
RO-124035

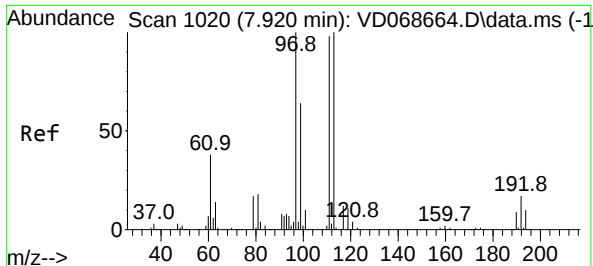
Tgt Ion: 65 Resp: 115454
Ion Ratio Lower Upper
65 100
67 53.7 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068754.D
Acq: 01 Apr 2021 13:11

Tgt Ion: 114 Resp: 310755
Ion Ratio Lower Upper
114 100
63 16.9 0.0 38.2
88 16.3 0.0 29.4





#35

Dibromofluoromethane

Concen: 58.38 ug/l

RT: 7.914 min Scan# 1019

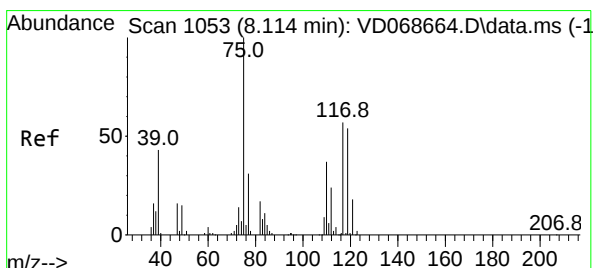
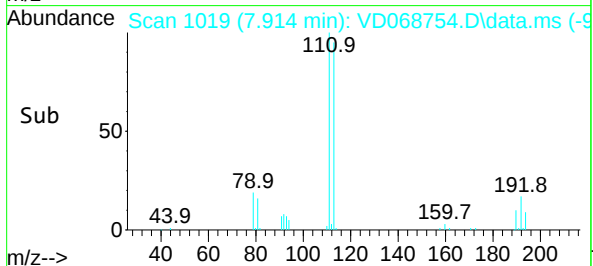
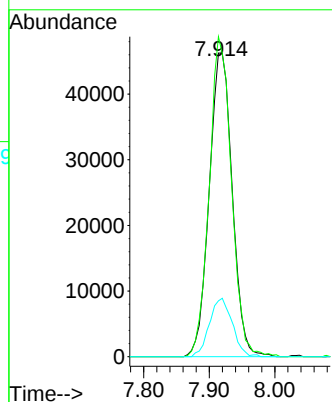
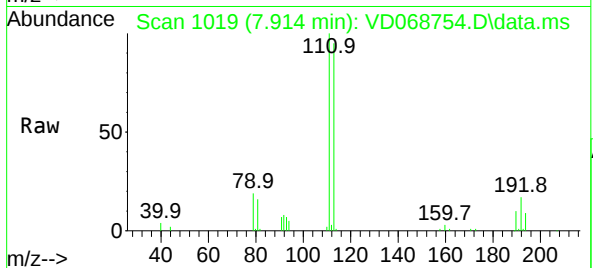
Delta R.T. -0.006 min

Lab File: VD068754.D

Acq: 01 Apr 2021 13:11

Tgt Ion:	113	Resp:	112884
Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.5	123.7
192	19.1	15.1	22.7

Instrument :
MSVOA_D
ClientSampleId :
RO-124035



#36

1,1-Dichloropropene

Concen: 4.71 ug/l

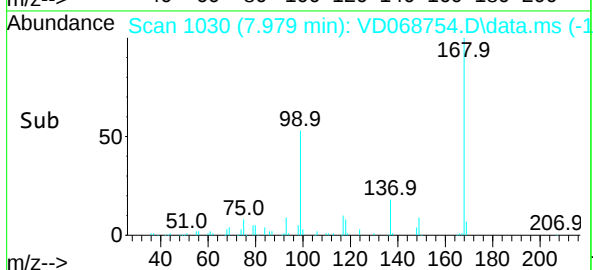
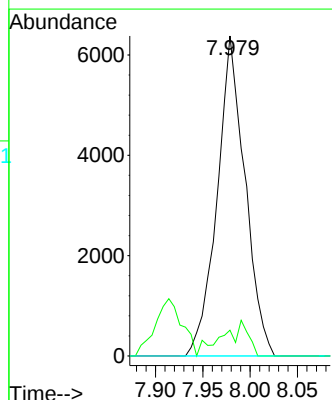
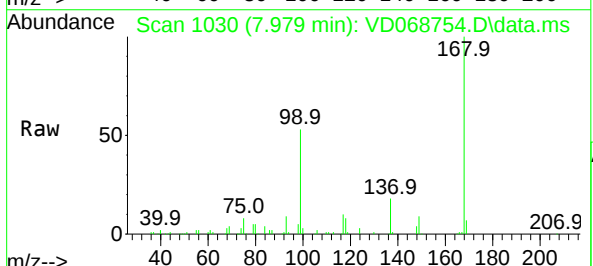
RT: 7.979 min Scan# 1030

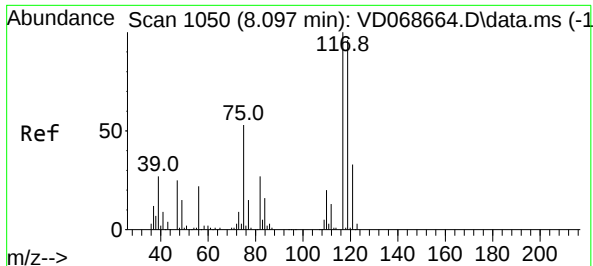
Delta R.T. -0.136 min

Lab File: VD068754.D

Acq: 01 Apr 2021 13:11

Tgt Ion:	75	Resp:	13064
Ion	Ratio	Lower	Upper
75	100		
110	10.2	18.1	54.4#
77	0.0	24.7	37.1#

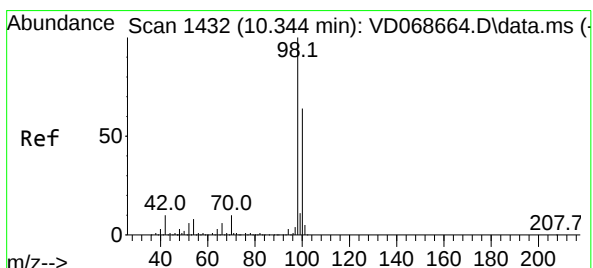
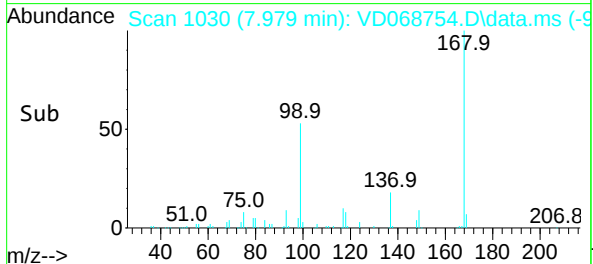
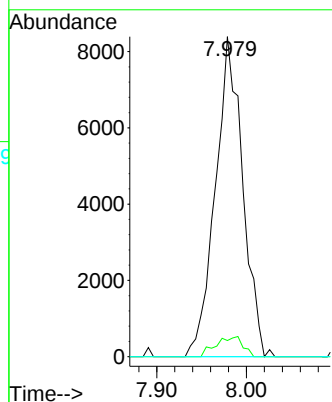
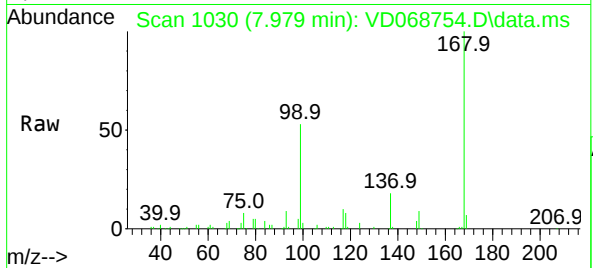




#38
Carbon Tetrachloride
Concen: 6.40 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068754.D
Acq: 01 Apr 2021 13:11

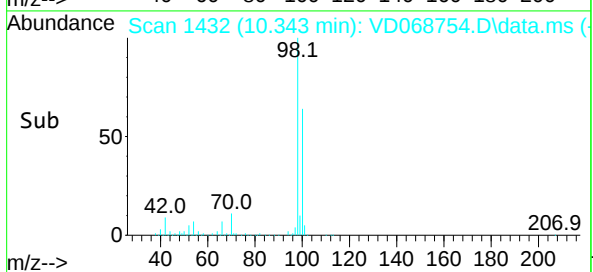
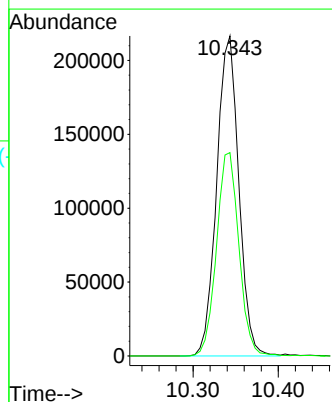
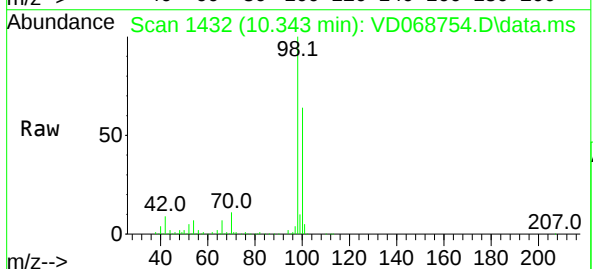
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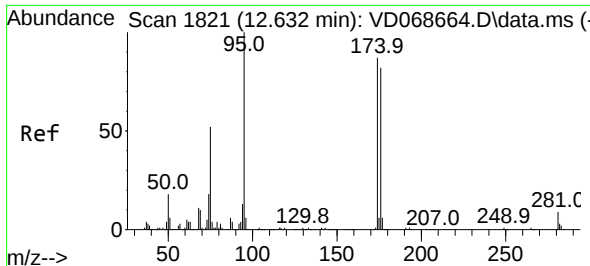
Tgt Ion:117 Resp: 17734
Ion Ratio Lower Upper
117 100
119 5.1 76.6 115.0#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 52.40 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068754.D
Acq: 01 Apr 2021 13:11

Tgt Ion: 98 Resp: 390586
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6

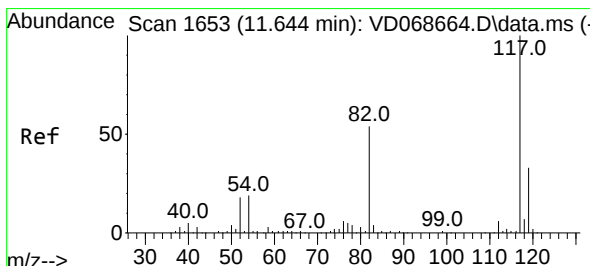
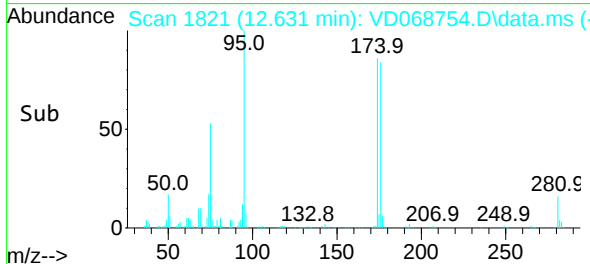
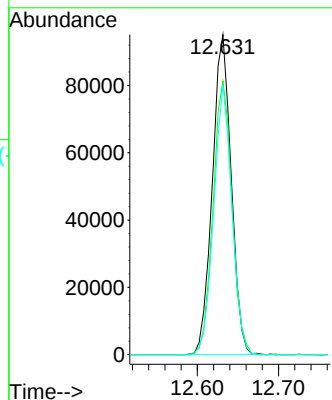
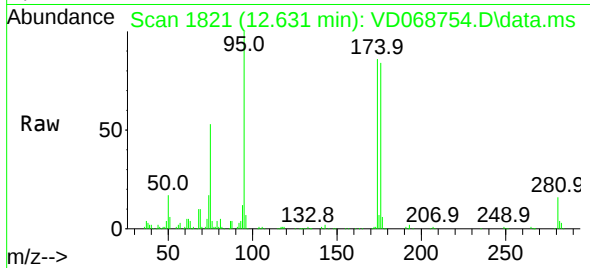




#62
4-Bromofluorobenzene
Concen: 63.60 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068754.D
Acq: 01 Apr 2021 13:11

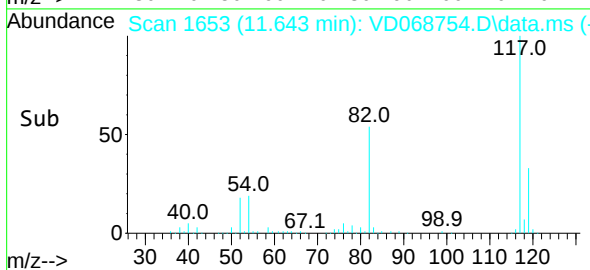
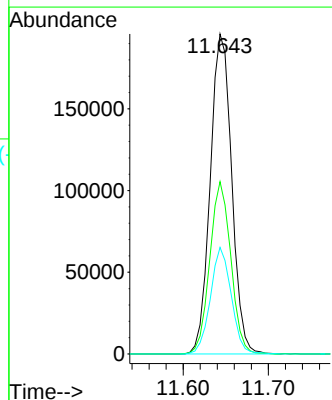
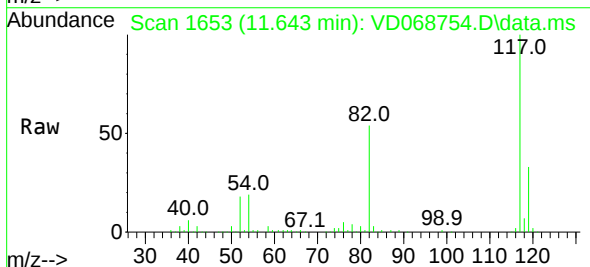
Instrument :
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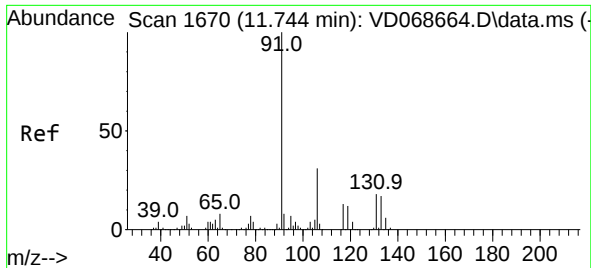
Tgt Ion: 95 Resp: 153722
Ion Ratio Lower Upper
95 100
174 85.7 0.0 168.0
176 81.0 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD068754.D
Acq: 01 Apr 2021 13:11

Tgt Ion: 117 Resp: 342355
Ion Ratio Lower Upper
117 100
82 53.9 43.5 65.3
119 33.3 26.7 40.1

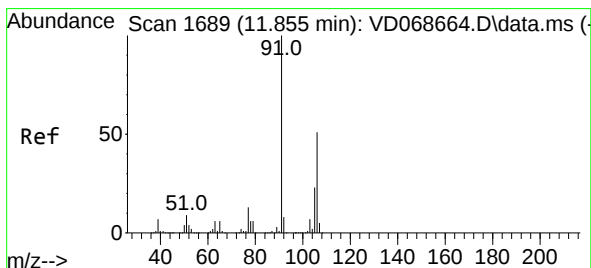
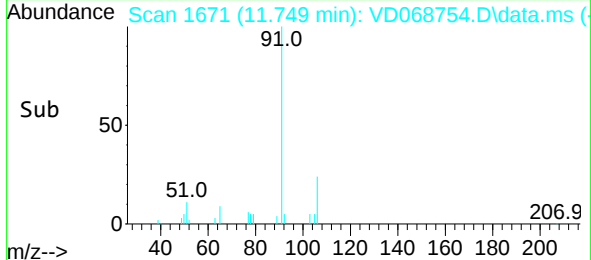
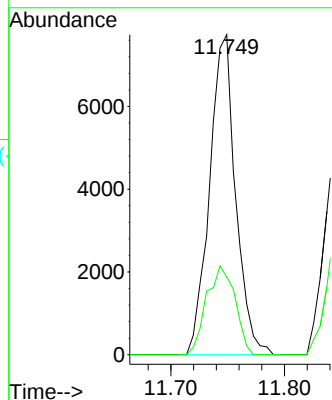
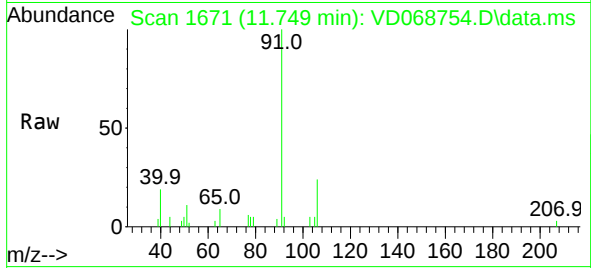




#67
Ethyl Benzene
Concen: 1.05 ug/l
RT: 11.749 min Scan# 1671
Delta R.T. 0.006 min
Lab File: VD068754.D
Acq: 01 Apr 2021 13:11

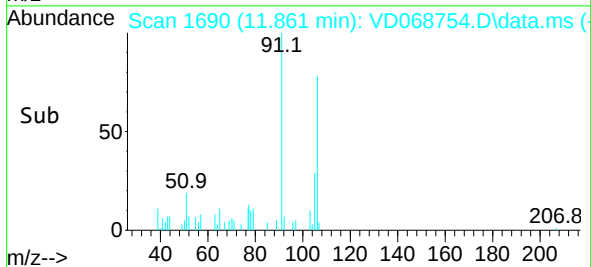
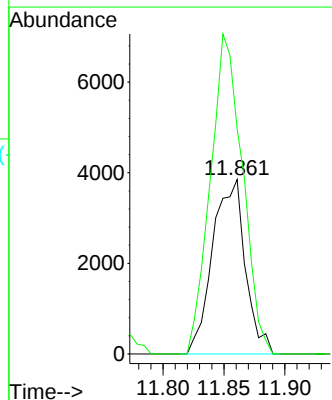
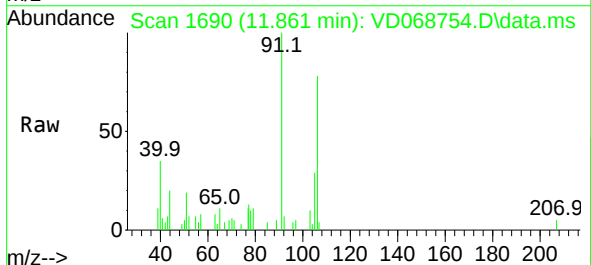
Instrument :
MSVOA_D
ClientSampleId :
RO-124035

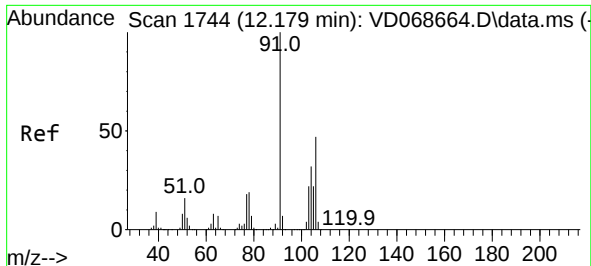
Tgt Ion: 91 Resp: 12334
Ion Ratio Lower Upper
91 100
106 24.3 25.1 37.7#



#68
m/p-Xylenes
Concen: 1.57 ug/l
RT: 11.861 min Scan# 1690
Delta R.T. 0.006 min
Lab File: VD068754.D
Acq: 01 Apr 2021 13:11

Tgt Ion: 106 Resp: 7173
Ion Ratio Lower Upper
106 100
91 180.4 158.6 238.0

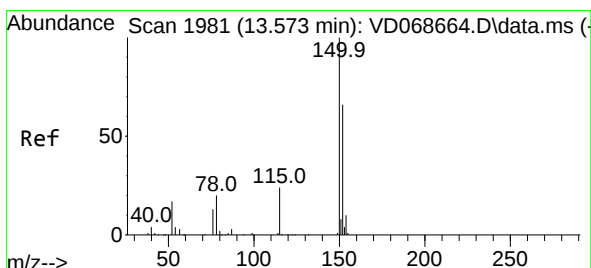
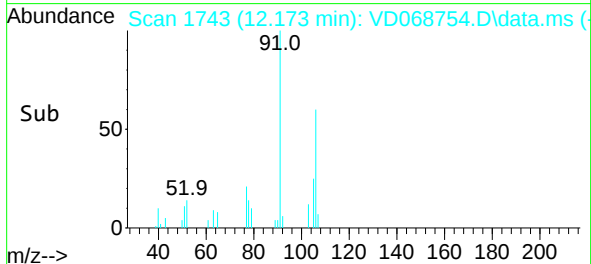
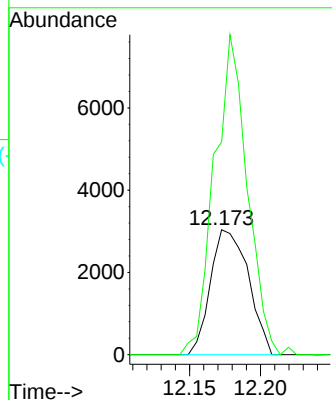
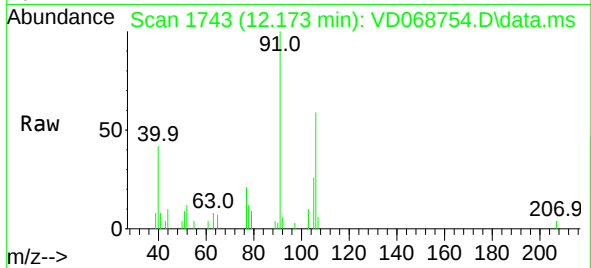




#69
o-Xylene
Concen: 1.33 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.006 min
Lab File: VD068754.D
Acq: 01 Apr 2021 13:11

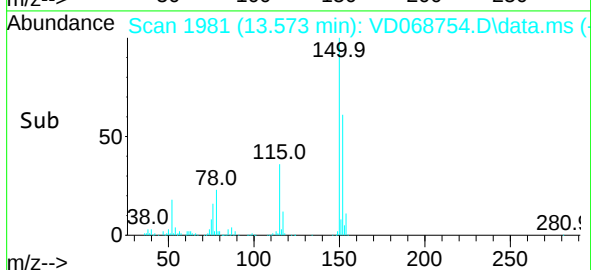
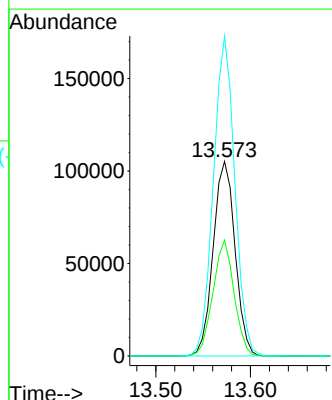
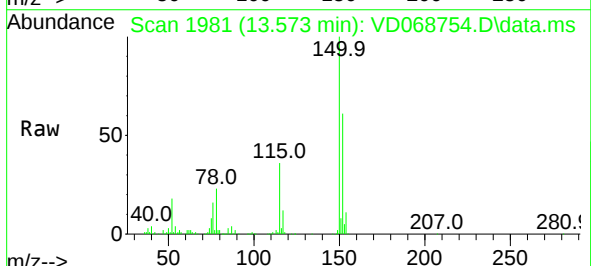
Instrument :
MSVOA_D
ClientSampleId :
RO-124035

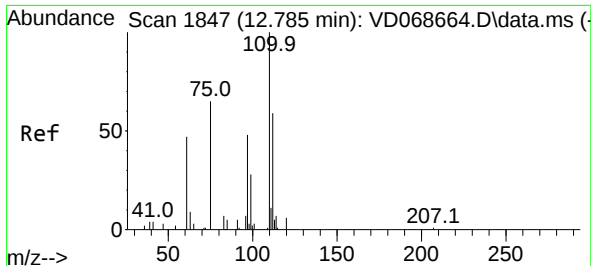
Tgt Ion:106 Resp: 5639
Ion Ratio Lower Upper
106 100
91 222.5 105.0 315.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068754.D
Acq: 01 Apr 2021 13:11

Tgt Ion:152 Resp: 168913
Ion Ratio Lower Upper
152 100
115 57.6 29.3 87.8
150 160.7 0.0 347.6

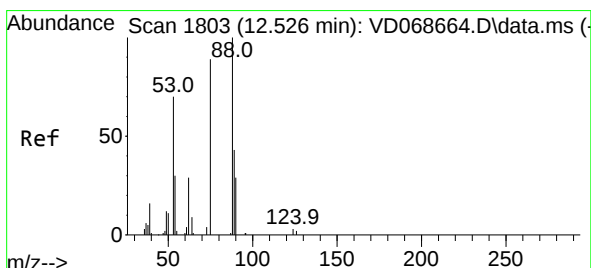
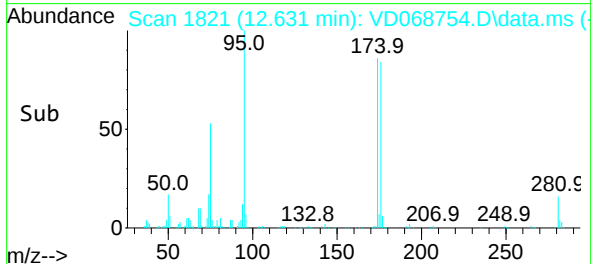
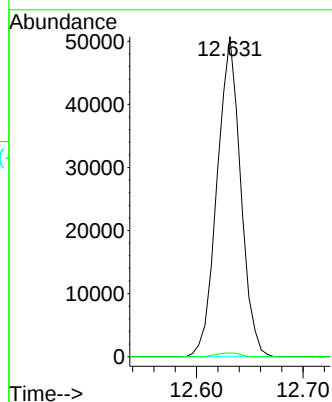
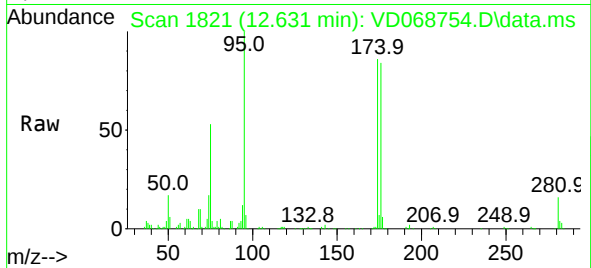




#76
1,2,3-Trichloropropane
Concen: 55.32 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068754.D
Acq: 01 Apr 2021 13:11

Instrument :
MSVOA_D
ClientSampleId :
RO-124035

Tgt Ion: 75 Resp: 77768
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 125.85 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068754.D
Acq: 01 Apr 2021 13:11

Tgt Ion: 75 Resp: 77768
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 36.6 54.8#

