

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022621\
 Data File : VD068462.D
 Acq On : 26 Feb 2021 17:53
 Operator : VA/SY
 Sample : M1491-01RE
 Misc : 6.30G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SA-01-022521RE

Quant Time: Feb 26 21:49:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

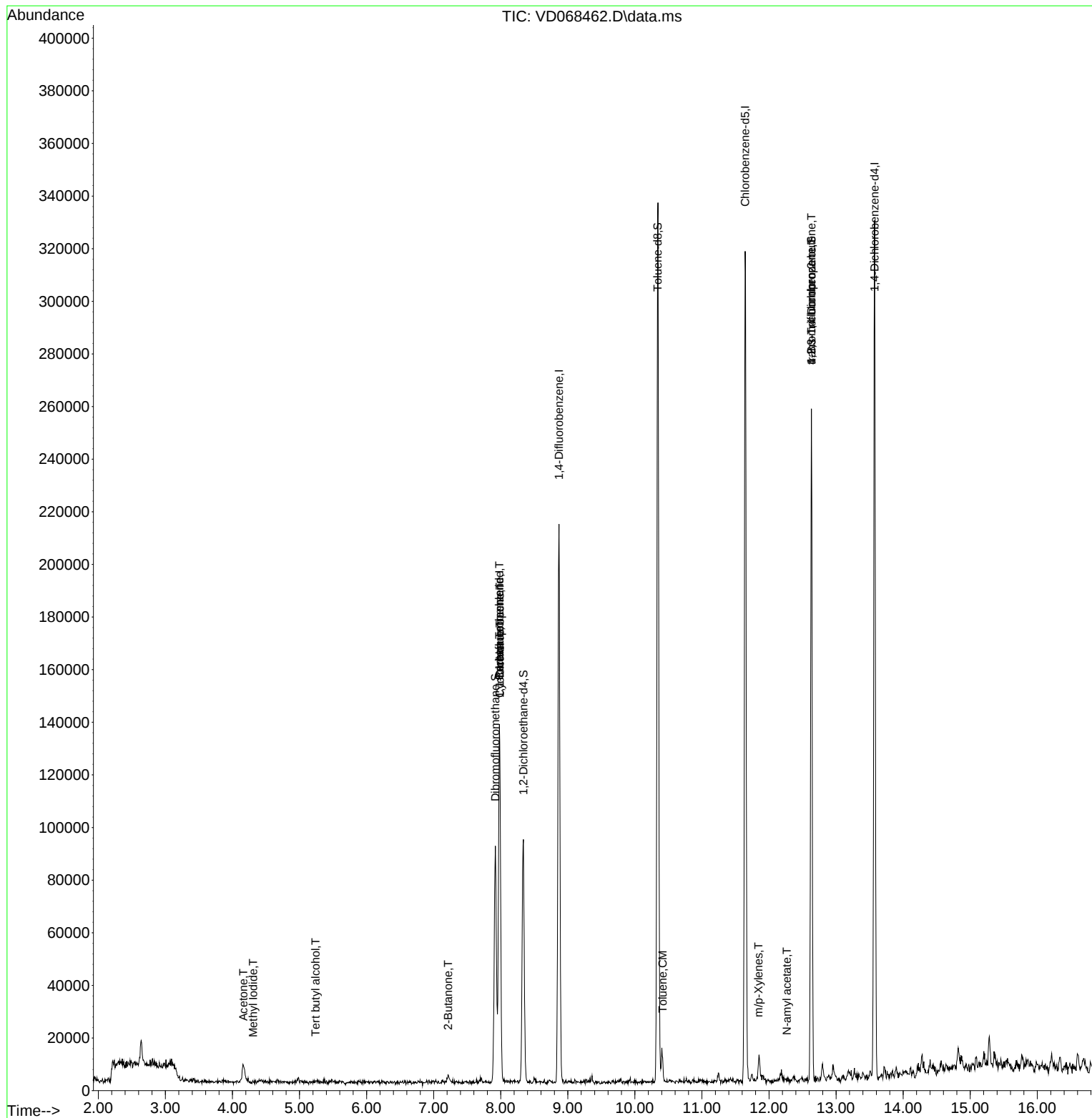
Internal Standards						
1) Pentafluorobenzene	7.979	168	100461	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	190873	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	192977	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	85913	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	72889	72.62	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 145.24%			
35) Dibromofluoromethane	7.920	113	64215	55.85	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.70%			
50) Toluene-d8	10.338	98	237520	51.86	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.72%			
62) 4-Bromofluorobenzene	12.632	95	83027	56.25	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 112.50%			
Target Compounds						Qvalue
10) Methyl Iodide	4.309	142	187	2.76	ug/l #	72
11) Tert butyl alcohol	5.238	59	80	1.49	ug/l #	74
16) Acetone	4.162	43	12198	76.51	ug/l	99
20) Methylene Chloride	4.979	84	454	Below Cal	#	34
25) 2-Butanone	7.214	43	3648	15.92	ug/l	93
31) Cyclohexane	7.985	56	2870	1.57	ug/l #	60
36) 1,1-Dichloropropene	7.985	75	7353	4.05	ug/l #	47
38) Carbon Tetrachloride	7.979	117	10661	6.25	ug/l #	17
52) Toluene	10.414	92	5045	1.52	ug/l	97
68) m/p-Xylenes	11.844	106	2687	1.01	ug/l	94
74) N-amyl acetate	12.267	43	1193	1.10	ug/l #	49
76) 1,2,3-Trichloropropane	12.632	75	41713	54.69	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	41713	127.63	ug/l #	13

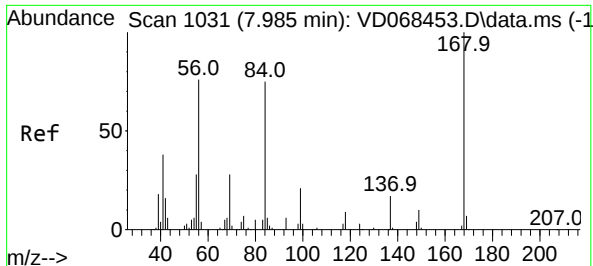
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD068462.D
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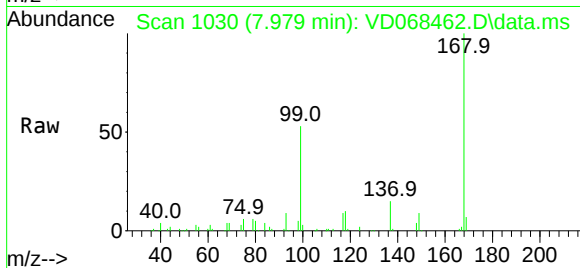
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 26 14:04:14 2021
Response via : Initial Calibration



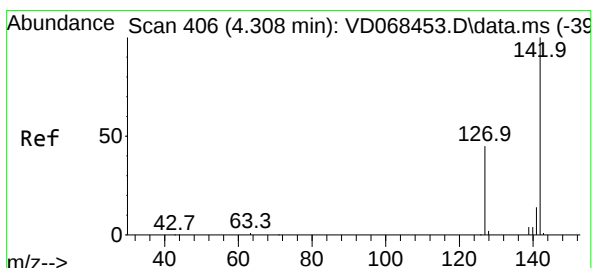
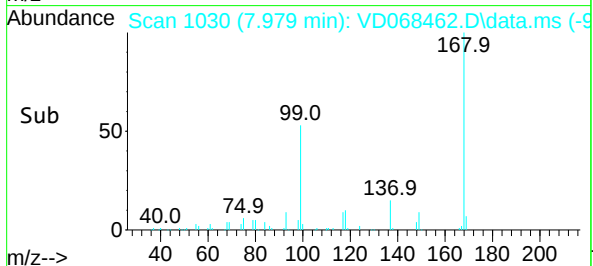
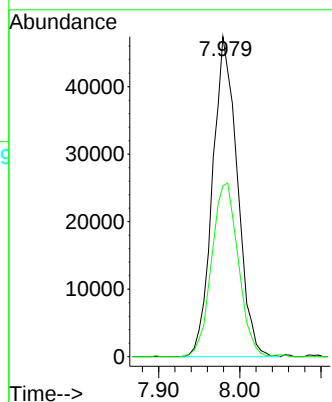


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068462.D
Acq: 26 Feb 2021 17:53

Instrument :
MSVOA_D
ClientSampleId :
SA-01-022521RE

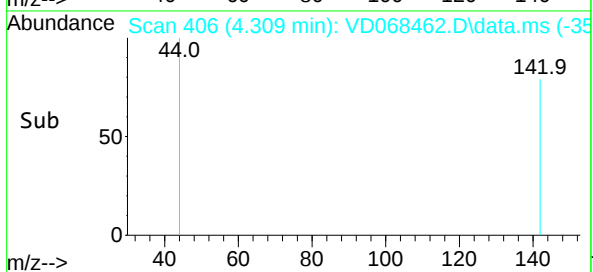
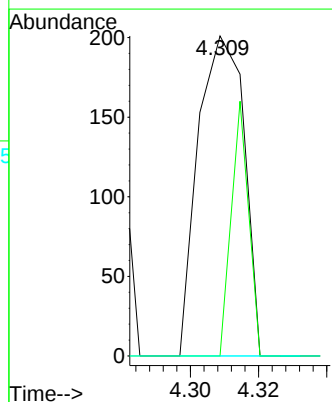
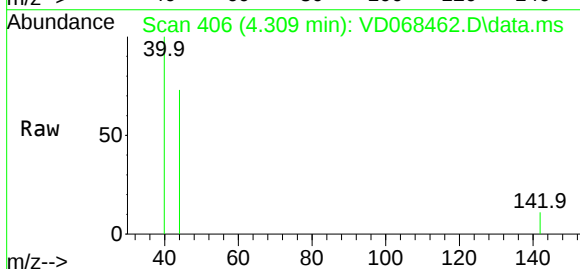


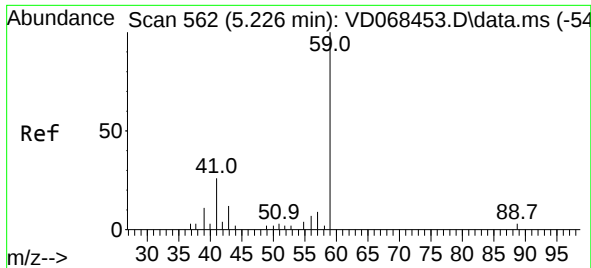
Tgt Ion:168 Resp: 100461
Ion Ratio Lower Upper
168 100
99 53.4 43.5 65.3



#10
Methyl Iodide
Concen: 2.76 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.001 min
Lab File: VD068462.D
Acq: 26 Feb 2021 17:53

Tgt Ion:142 Resp: 187
Ion Ratio Lower Upper
142 100
127 29.9 37.9 56.9#
141 0.0 11.5 17.3#



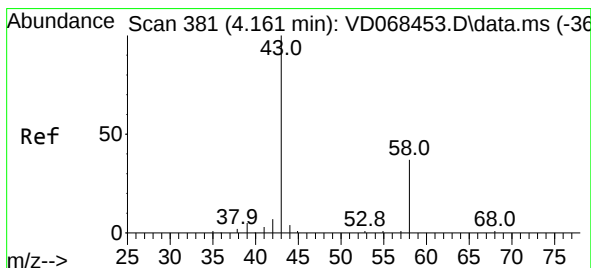
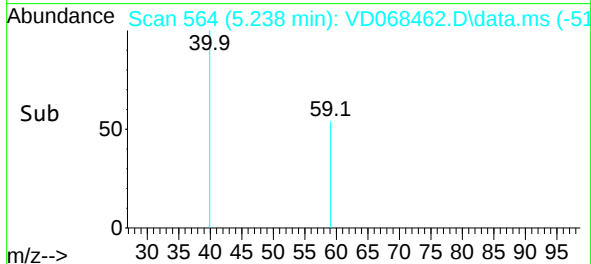
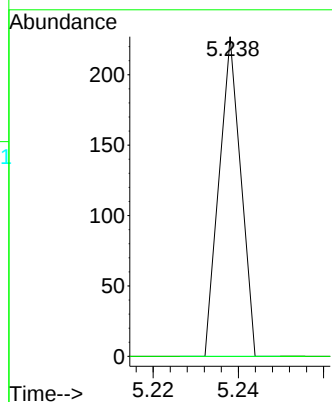
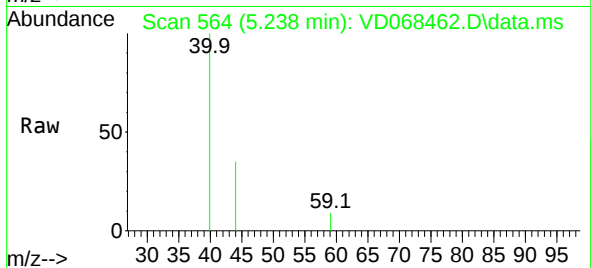


#11

Tert butyl alcohol
Concen: 1.49 ug/l
RT: 5.238 min Scan# 564
Delta R.T. 0.012 min
Lab File: VD068462.D
Acq: 26 Feb 2021 17:53

Instrument :
MSVOA_D
ClientSampleId :
SA-01-022521RE

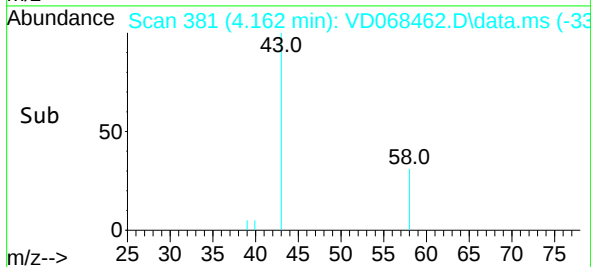
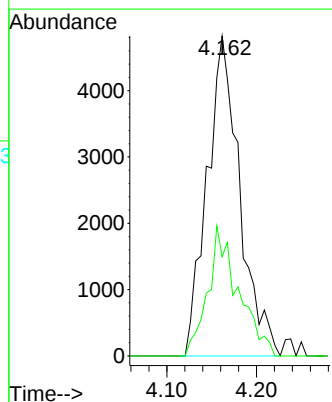
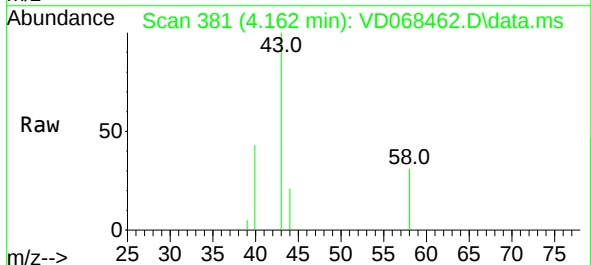
Tgt Ion: 59 Resp: 80
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

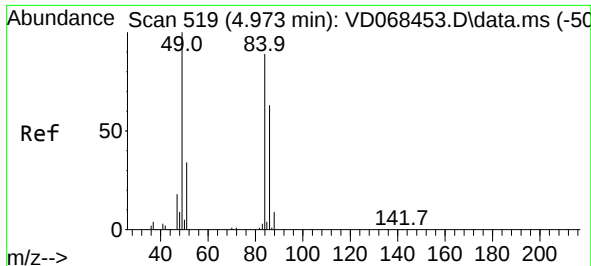


#16

Acetone
Concen: 76.51 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068462.D
Acq: 26 Feb 2021 17:53

Tgt Ion: 43 Resp: 12198
Ion Ratio Lower Upper
43 100
58 31.0 24.2 36.4

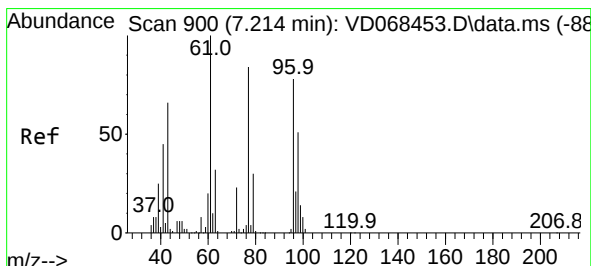
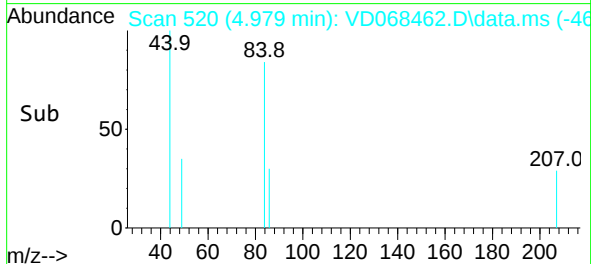
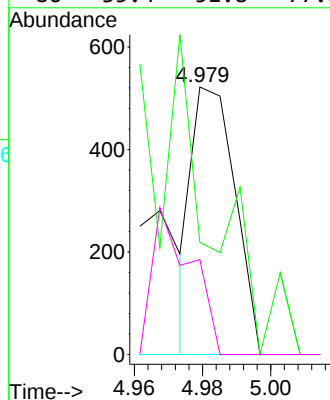
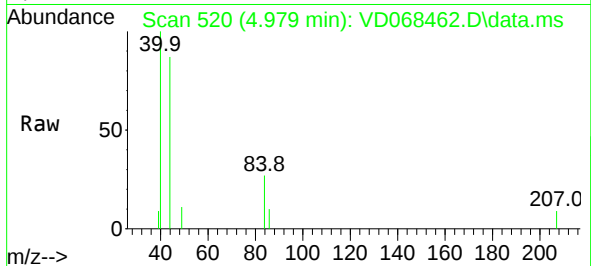




#20
Methylene Chloride
Concen: Below Cal
RT: 4.979 min Scan# 520
Delta R.T. 0.006 min
Lab File: VD068462.D
Acq: 26 Feb 2021 17:53

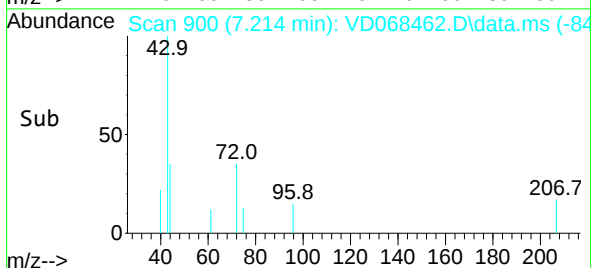
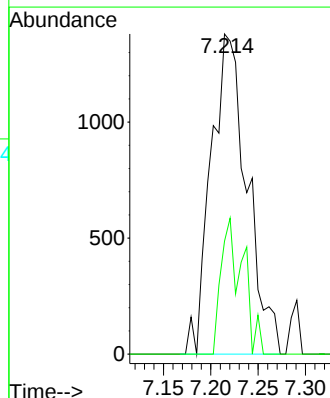
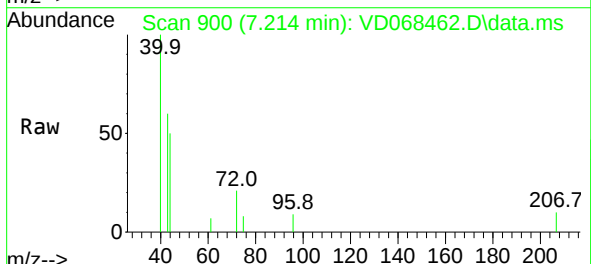
Instrument :
MSVOA_D
ClientSampleId :
SA-01-022521RE

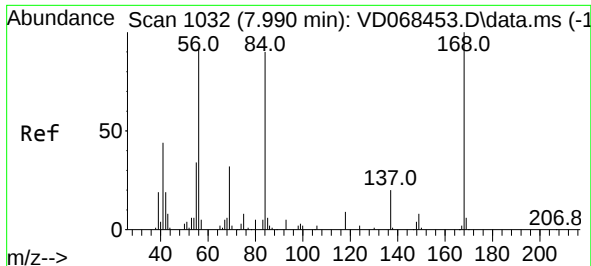
Tgt Ion:	84	Resp:	454
Ion	Ratio	Lower	Upper
84	100		
49	11.3	77.4	116.2#
51	0.0	26.1	39.1#
86	35.4	51.8	77.8#



#25
2-Butanone
Concen: 15.92 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD068462.D
Acq: 26 Feb 2021 17:53

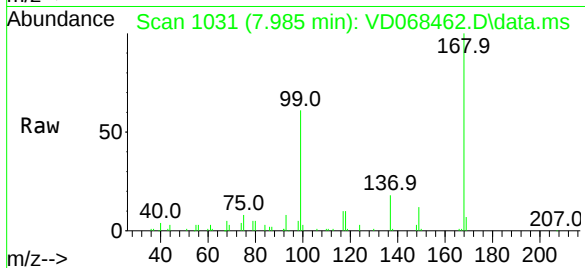
Tgt Ion:	43	Resp:	3648
Ion	Ratio	Lower	Upper
43	100		
72	35.3	25.1	37.7



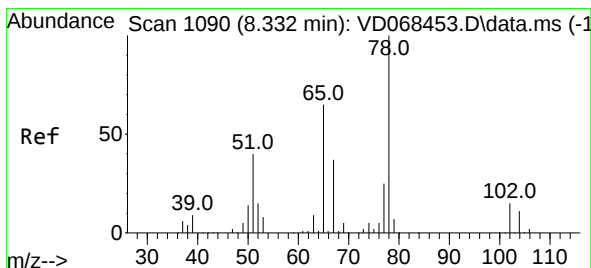
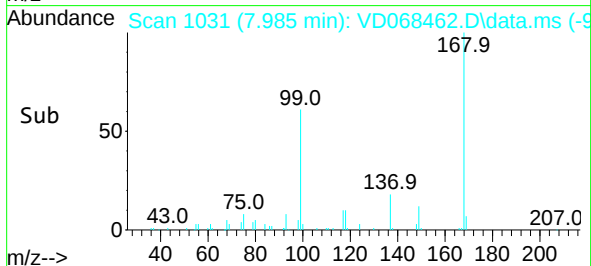
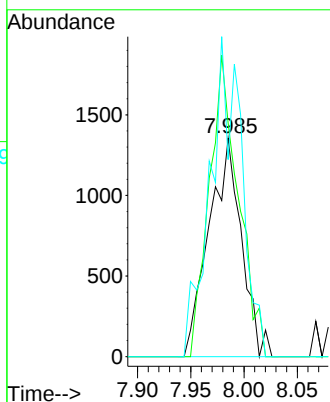


#31
Cyclohexane
Concen: 1.57 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.005 min
Lab File: VD068462.D
Acq: 26 Feb 2021 17:53

Instrument :
MSVOA_D
ClientSampleId :
SA-01-022521RE

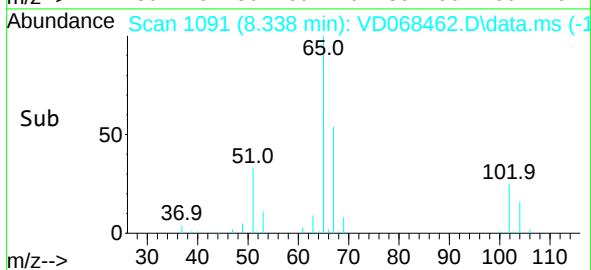
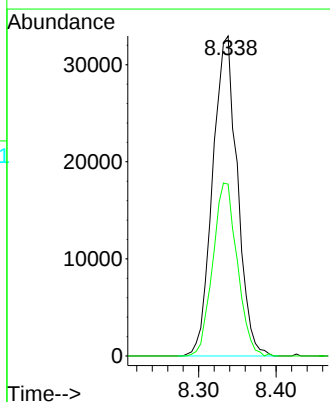
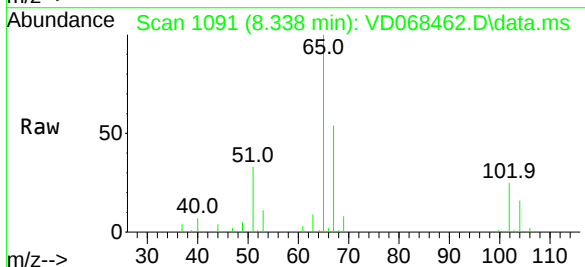


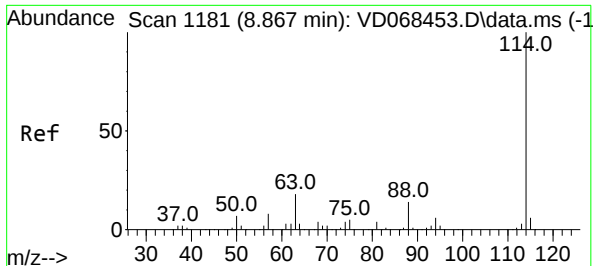
Tgt Ion: 56 Resp: 2870
Ion Ratio Lower Upper
56 100
69 106.9 30.1 45.1#
84 90.2 82.1 123.1



#33
1,2-Dichloroethane-d4
Concen: 72.62 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068462.D
Acq: 26 Feb 2021 17:53

Tgt Ion: 65 Resp: 72889
Ion Ratio Lower Upper
65 100
67 53.6 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.867 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VD068462.D

Acq: 26 Feb 2021 17:53

Tgt Ion:114 Resp: 190873

Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.8

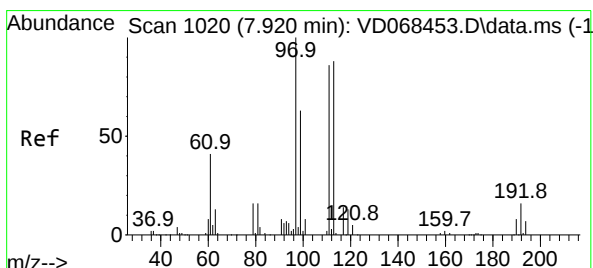
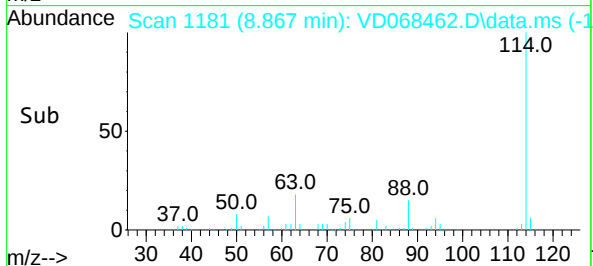
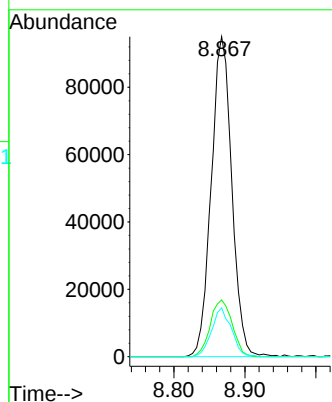
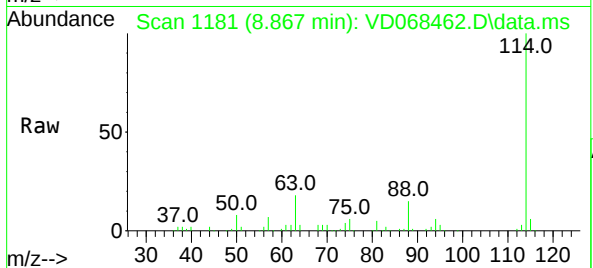
88 15.3 0.0 31.6

Instrument :

MSVOA_D

ClientSampleId :

SA-01-022521RE



#35

Dibromofluoromethane

Concen: 55.85 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068462.D

Acq: 26 Feb 2021 17:53

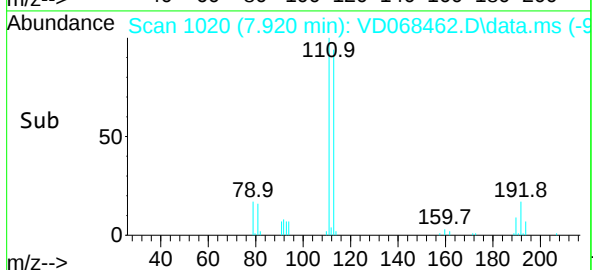
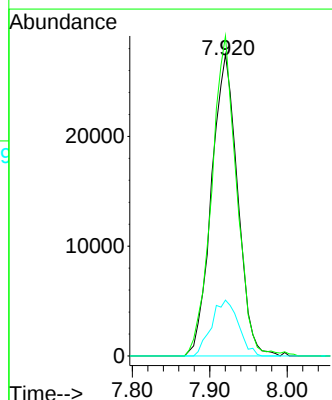
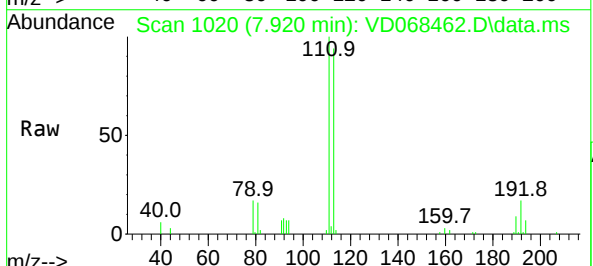
Tgt Ion:113 Resp: 64215

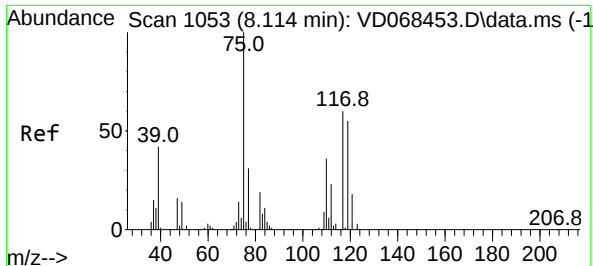
Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

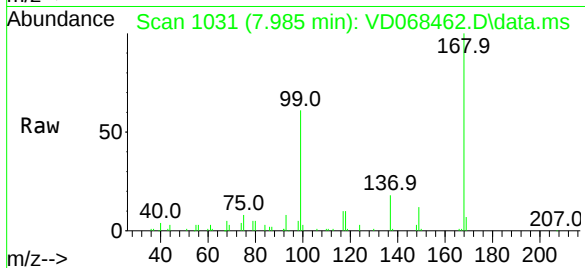
192 19.2 16.1 24.1



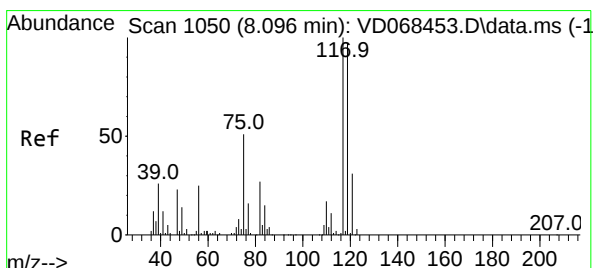
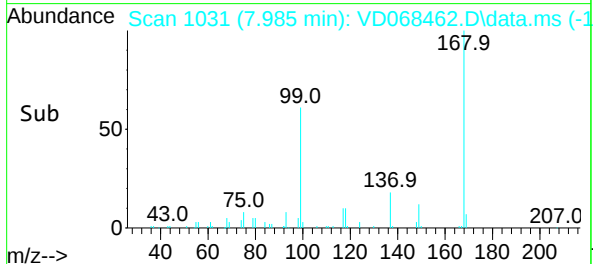
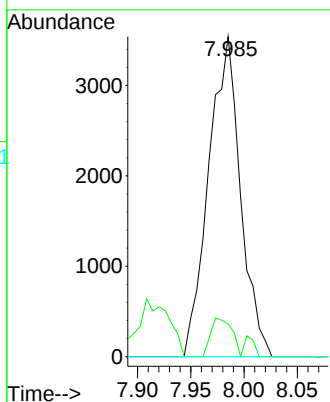


#36
1,1-Dichloropropene
Concen: 4.05 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.129 min
Lab File: VD068462.D
Acq: 26 Feb 2021 17:53

Instrument :
MSVOA_D
ClientSampleId :
SA-01-022521RE

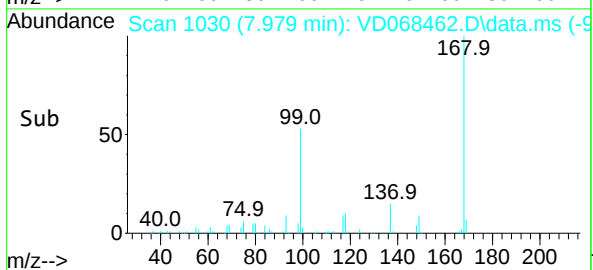
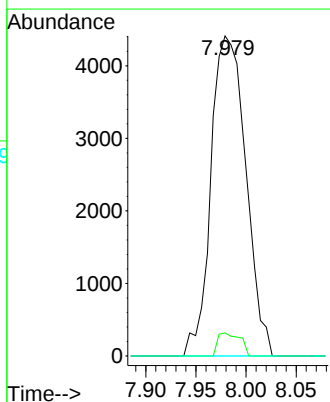
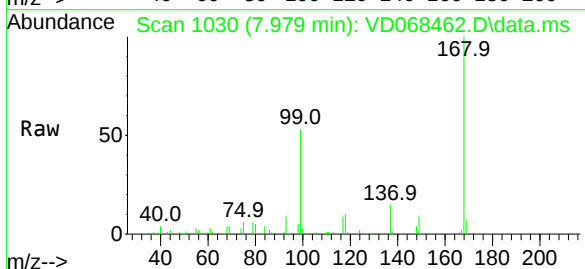


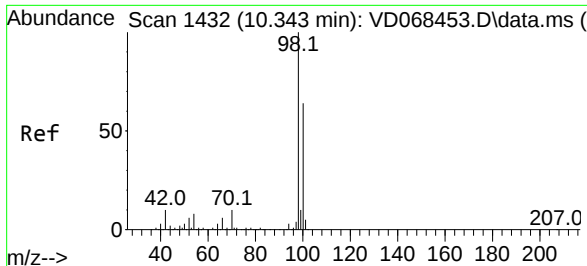
Tgt Ion: 75 Resp: 7353
Ion Ratio Lower Upper
75 100
110 8.0 19.4 58.2#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.25 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.117 min
Lab File: VD068462.D
Acq: 26 Feb 2021 17:53

Tgt Ion: 117 Resp: 10661
Ion Ratio Lower Upper
117 100
119 7.2 77.3 115.9#
121 0.0 24.7 37.1#

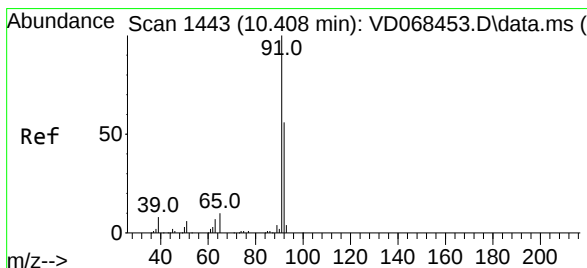
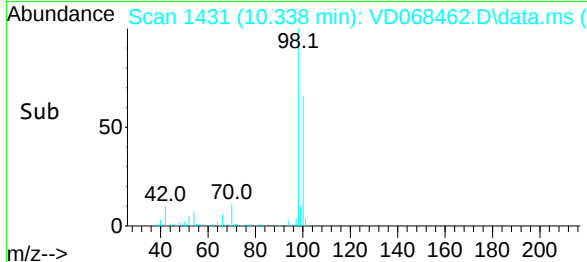
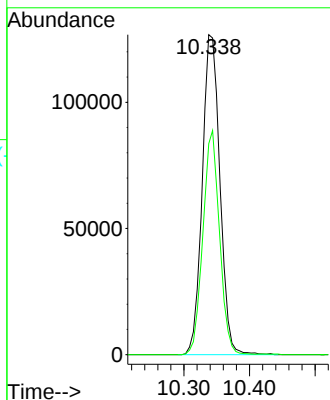
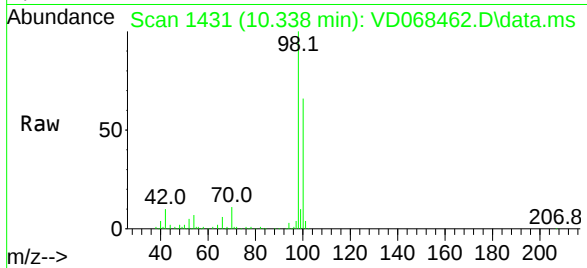




#50
Toluene-d8
Concen: 51.86 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.005 min
Lab File: VD068462.D
Acq: 26 Feb 2021 17:53

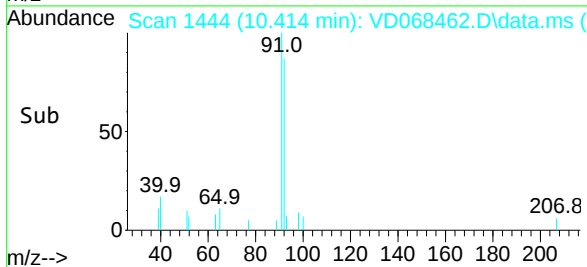
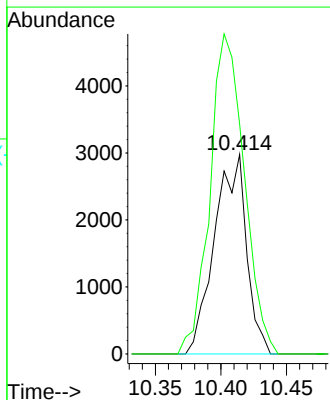
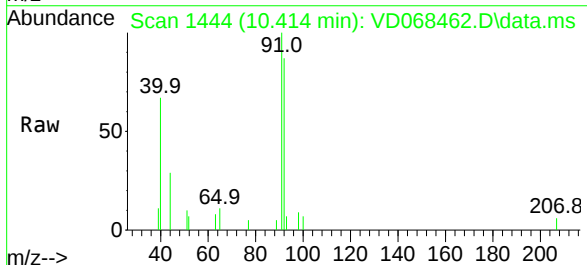
Instrument :
MSVOA_D
ClientSampleId :
SA-01-022521RE

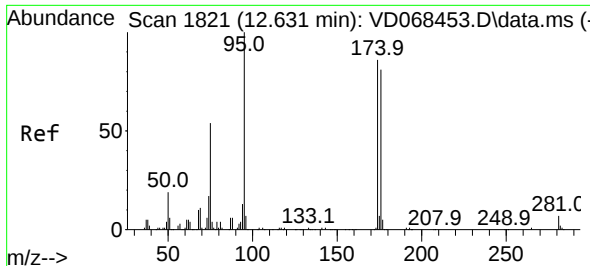
Tgt Ion: 98 Resp: 237520
Ion Ratio Lower Upper
98 100
100 65.9 53.0 79.4



#52
Toluene
Concen: 1.52 ug/l
RT: 10.414 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VD068462.D
Acq: 26 Feb 2021 17:53

Tgt Ion: 92 Resp: 5045
Ion Ratio Lower Upper
92 100
91 172.0 134.1 201.1

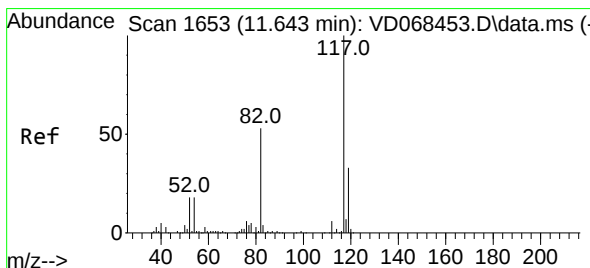
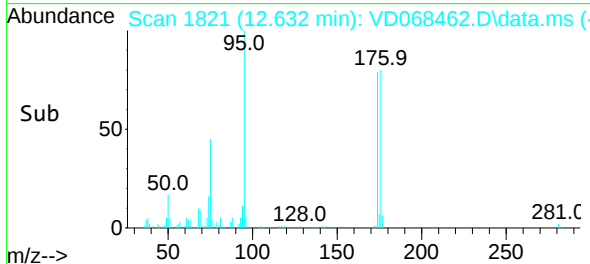
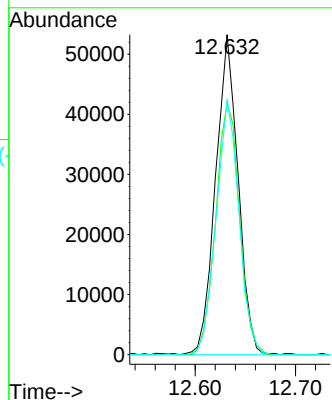
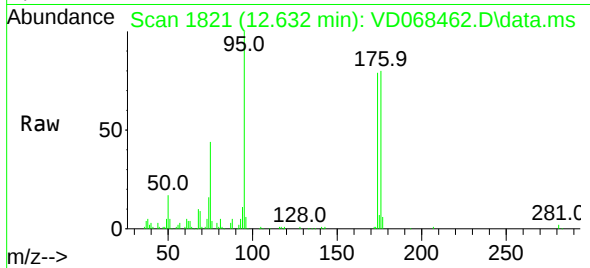




#62
4-Bromofluorobenzene
Concen: 56.25 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068462.D
Acq: 26 Feb 2021 17:53

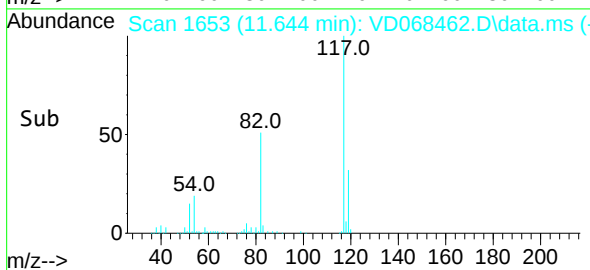
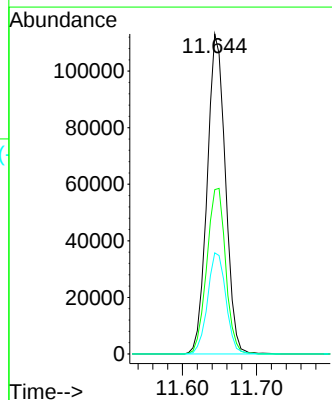
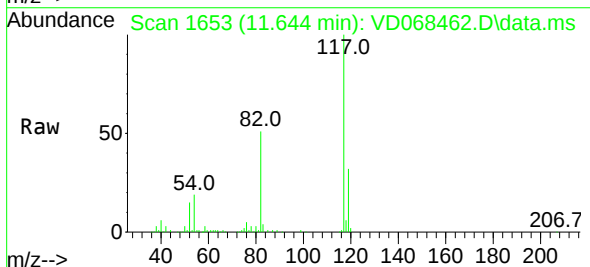
Instrument :
MSVOA_D
ClientSampleId :
SA-01-022521RE

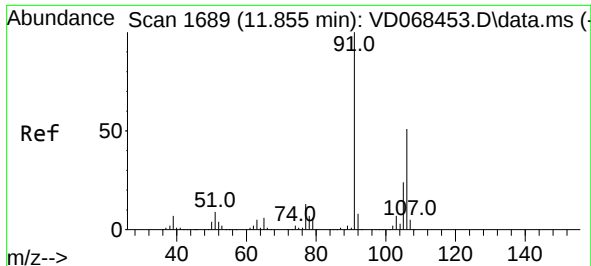
Tgt Ion: 95 Resp: 83027
Ion Ratio Lower Upper
95 100
174 83.2 0.0 172.4
176 81.0 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068462.D
Acq: 26 Feb 2021 17:53

Tgt Ion: 117 Resp: 192977
Ion Ratio Lower Upper
117 100
82 51.4 41.4 62.0
119 31.6 26.1 39.1

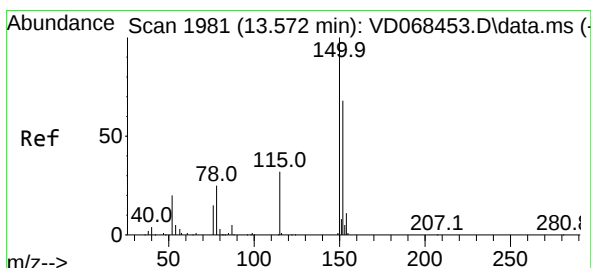
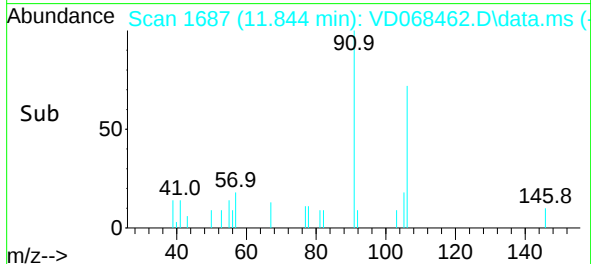
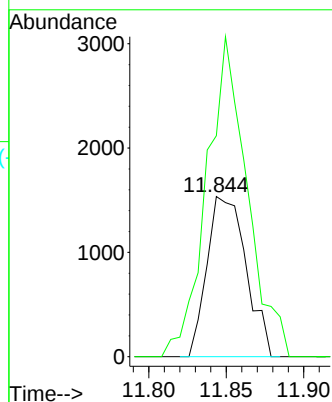
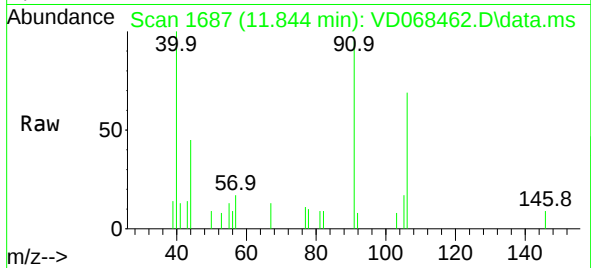




#68
m/p-Xylenes
Concen: 1.01 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.011 min
Lab File: VD068462.D
Acq: 26 Feb 2021 17:53

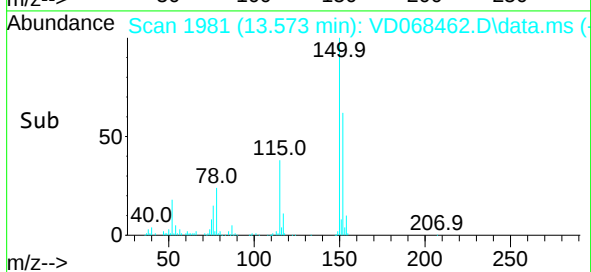
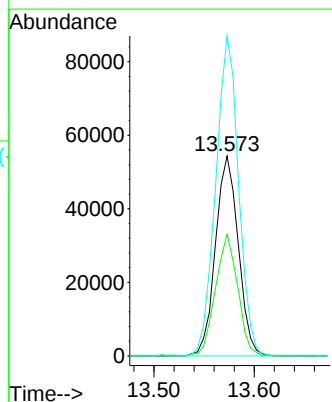
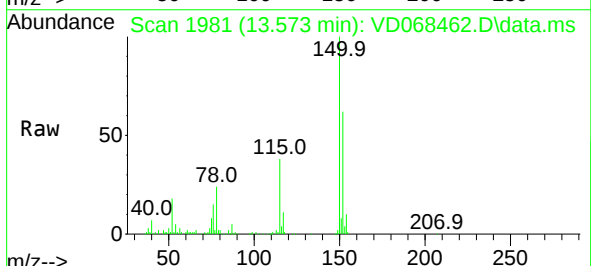
Instrument :
MSVOA_D
ClientSampleId :
SA-01-022521RE

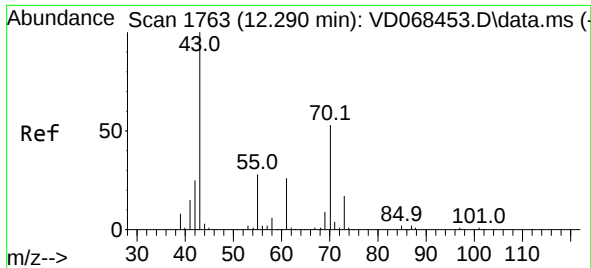
Tgt Ion:106 Resp: 2687
Ion Ratio Lower Upper
106 100
91 207.7 159.1 238.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068462.D
Acq: 26 Feb 2021 17:53

Tgt Ion:152 Resp: 85913
Ion Ratio Lower Upper
152 100
115 59.1 28.9 86.8
150 160.4 0.0 344.4

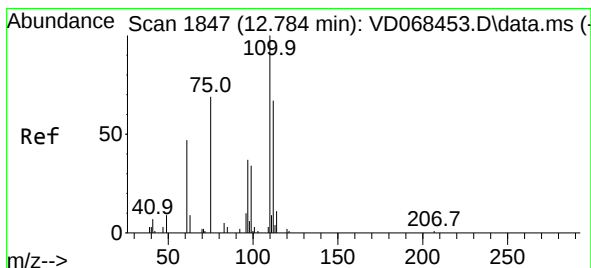
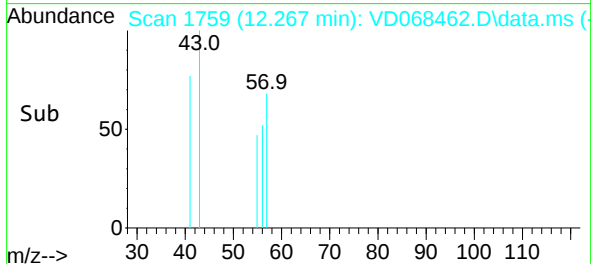
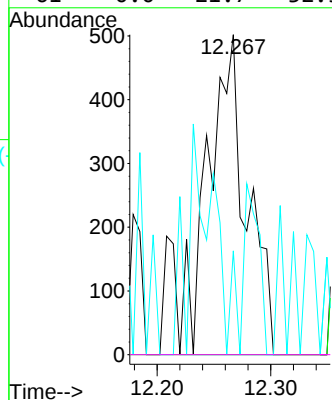
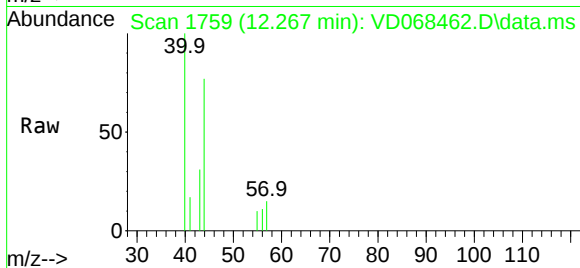




#74
N-amy1 acetate
Concen: 1.10 ug/l
RT: 12.267 min Scan# 1759
Delta R.T. -0.023 min
Lab File: VD068462.D
Acq: 26 Feb 2021 17:53

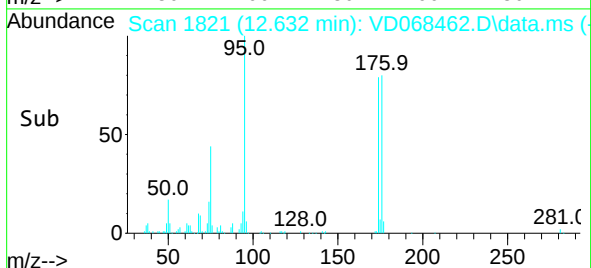
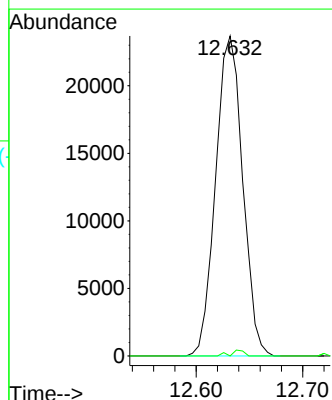
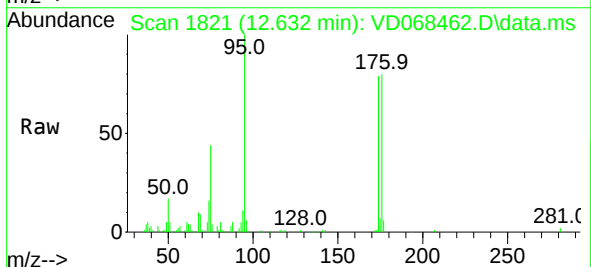
Instrument :
MSVOA_D
ClientSampleId :
SA-01-022521RE

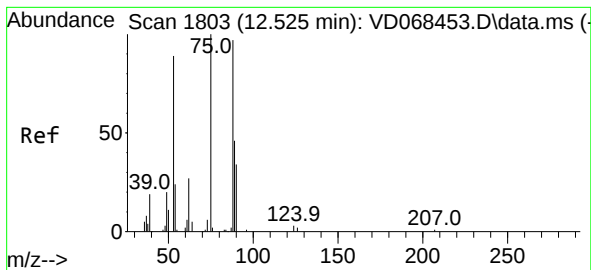
Tgt Ion: 43	Resp: 1193
Ion Ratio	Lower Upper
43 100	
70 0.0	41.8 62.8#
55 24.8	24.2 36.4
61 0.0	21.7 32.5#



#76
1,2,3-Trichloropropane
Concen: 54.69 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.152 min
Lab File: VD068462.D
Acq: 26 Feb 2021 17:53

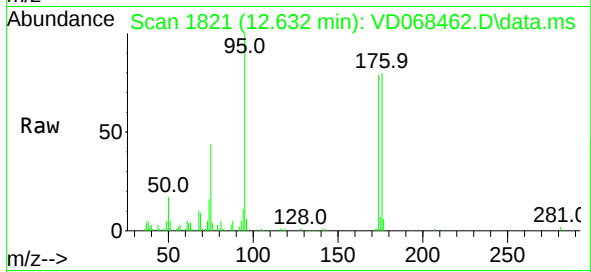
Tgt Ion: 75	Resp: 41713
Ion Ratio	Lower Upper
75 100	
77 0.9	0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 127.63 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068462.D
 Acq: 26 Feb 2021 17:53

Instrument :
 MSVOA_D
 ClientSampleId :
 SA-01-022521RE



Tgt Ion: 75 Resp: 41713
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.0 40.3 60.5#

