

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030321\
 Data File : VD068512.D
 Acq On : 03 Mar 2021 14:53
 Operator : VA/SY
 Sample : M1537-01RE
 Misc : 7.13G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 04 00:04:07 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)

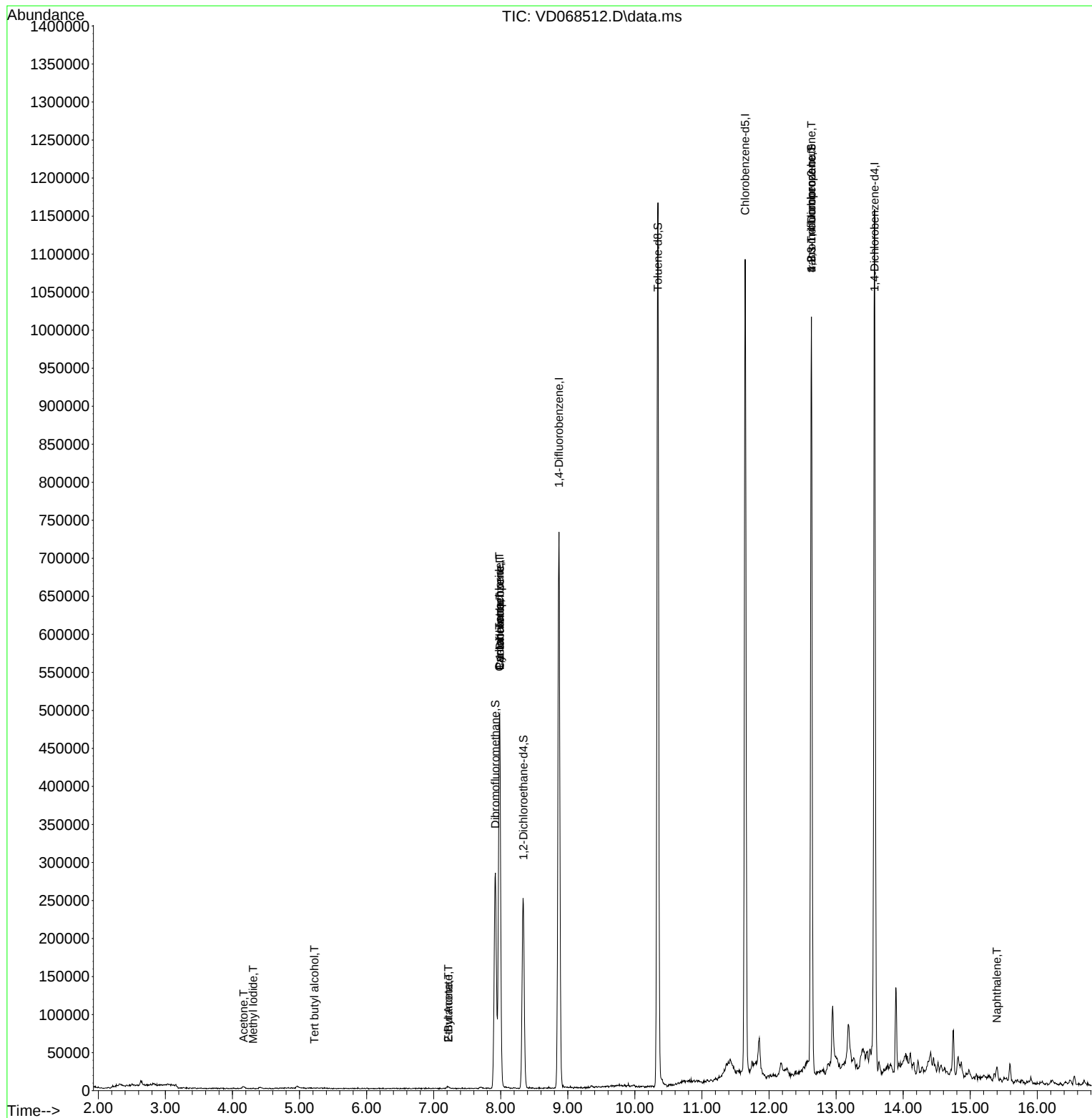
Internal Standards						
1) Pentafluorobenzene	7.985	168	391308	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	671767	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	648830	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	309028	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	201716	51.59	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.18%			
35) Dibromofluoromethane	7.920	113	203991	50.41	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.82%			
50) Toluene-d8	10.344	98	837084	51.93	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.86%			
62) 4-Bromofluorobenzene	12.632	95	286813	55.21	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 110.42%			
Target Compounds						Qvalue
10) Methyl Iodide	4.309	142	54	2.63	ug/l #	38
11) Tert butyl alcohol	5.220	59	214	1.03	ug/l #	74
16) Acetone	4.168	43	4368	7.03	ug/l	90
20) Methylene Chloride	4.967	84	2048	Below Cal	#	75
25) 2-Butanone	7.220	43	4077	4.57	ug/l	93
31) Cyclohexane	7.985	56	8613	1.21	ug/l #	33
36) 1,1-Dichloropropene	7.985	75	28025	4.39	ug/l #	49
37) Ethyl Acetate	7.220	43	4077	1.92	ug/l #	66
38) Carbon Tetrachloride	7.979	117	36578	6.10	ug/l #	16
76) 1,2,3-Trichloropropane	12.632	75	144889	52.81	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	144889	123.25	ug/l #	14
95) Naphthalene	15.396	128	18172	1.50	ug/l #	93

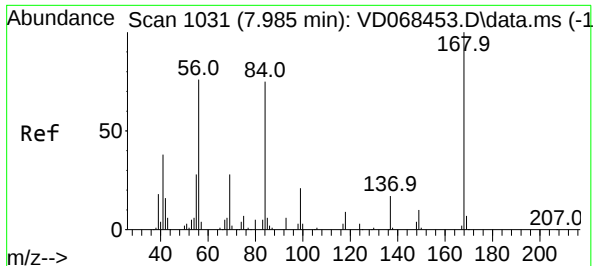
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

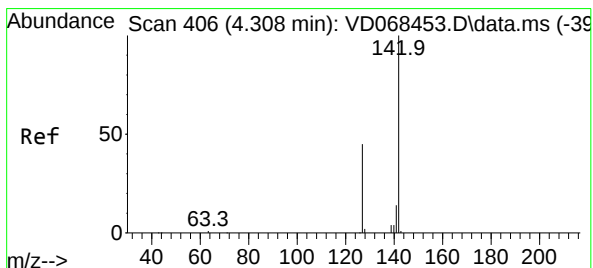
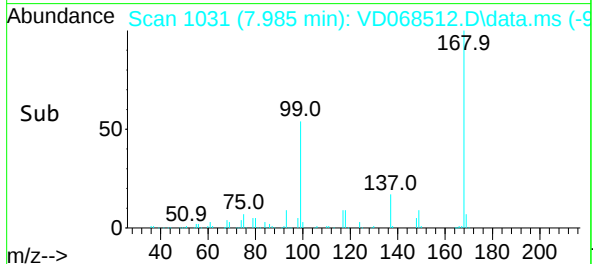
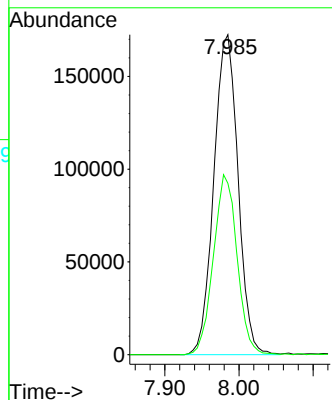
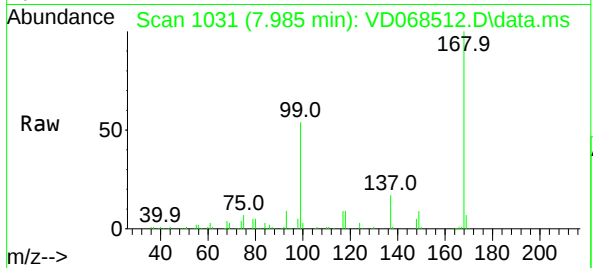




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068512.D
Acq: 03 Mar 2021 14:53

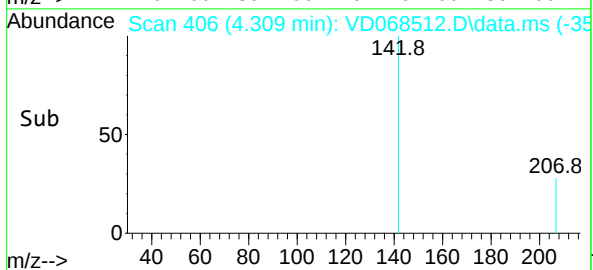
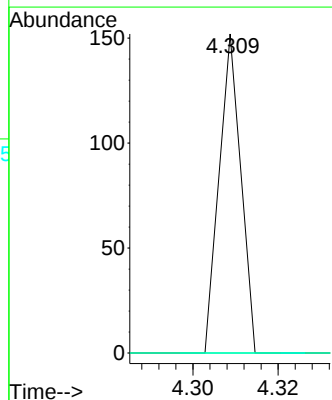
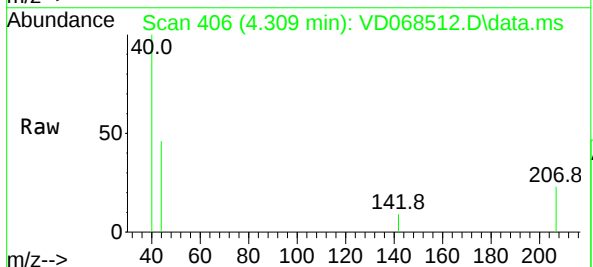
Instrument :
MSVOA_D
ClientSampleId :

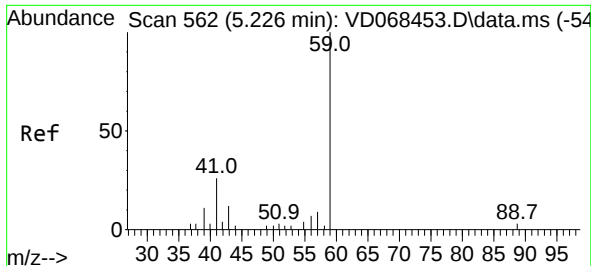
Tgt Ion:168 Resp: 391308
Ion Ratio Lower Upper
168 100
99 53.6 43.5 65.3



#10
Methyl Iodide
Concen: 2.63 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.001 min
Lab File: VD068512.D
Acq: 03 Mar 2021 14:53

Tgt Ion:142 Resp: 54
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#

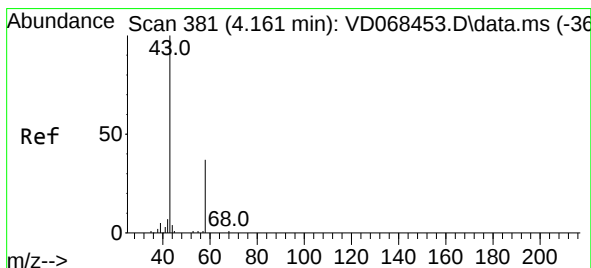
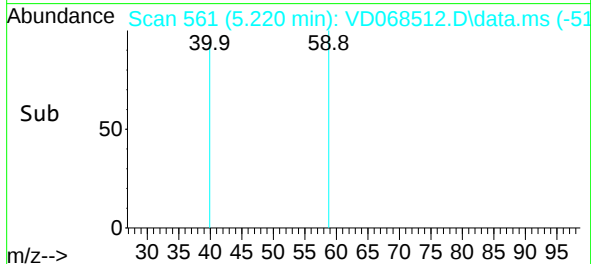
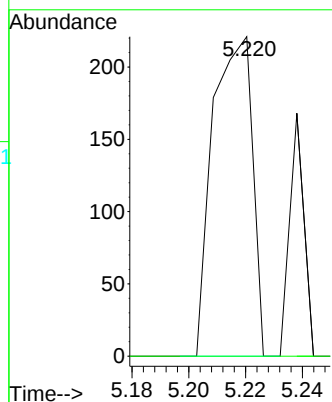
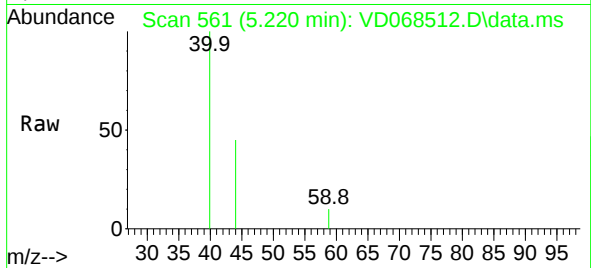




#11
Tert butyl alcohol
Concen: 1.03 ug/l
RT: 5.220 min Scan# 561
Delta R.T. -0.005 min
Lab File: VD068512.D
Acq: 03 Mar 2021 14:53

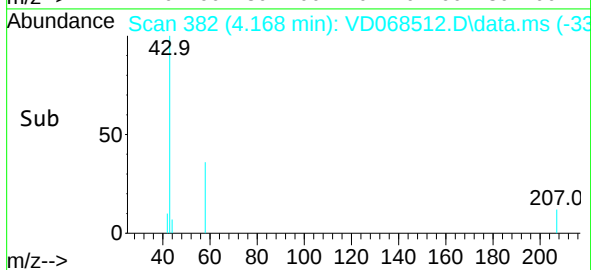
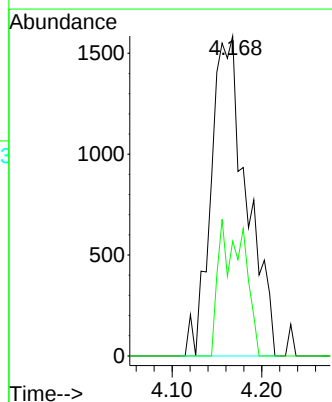
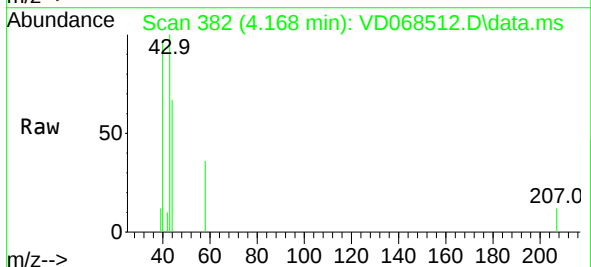
Instrument :
MSVOA_D
ClientSampleId :

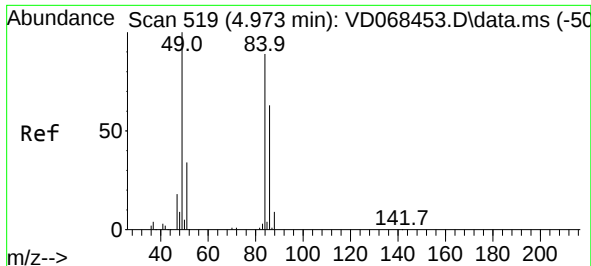
Tgt Ion: 59 Resp: 214
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16
Acetone
Concen: 7.03 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068512.D
Acq: 03 Mar 2021 14:53

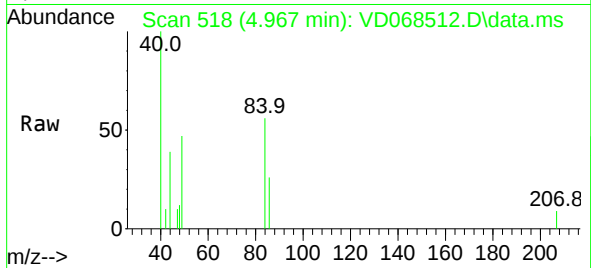
Tgt Ion: 43 Resp: 4368
Ion Ratio Lower Upper
43 100
58 35.8 24.2 36.4



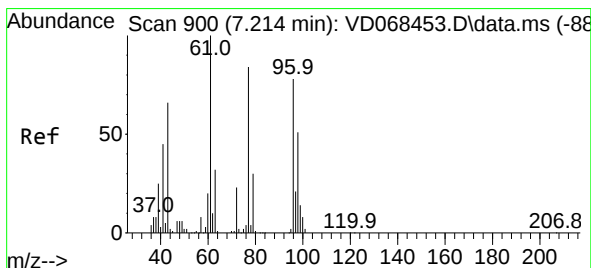
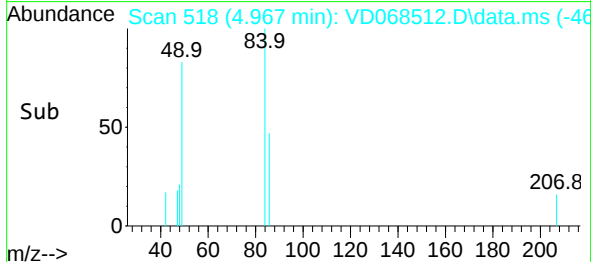
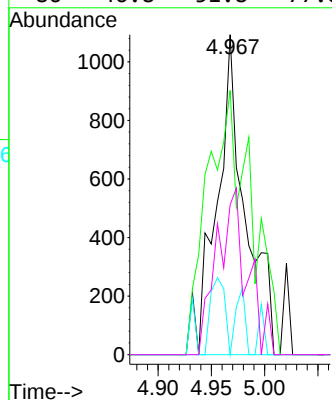


#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068512.D
Acq: 03 Mar 2021 14:53

Instrument :
MSVOA_D
ClientSampleId :

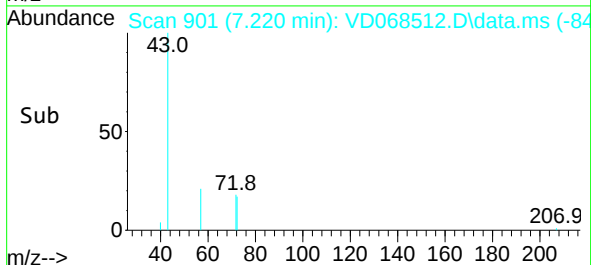
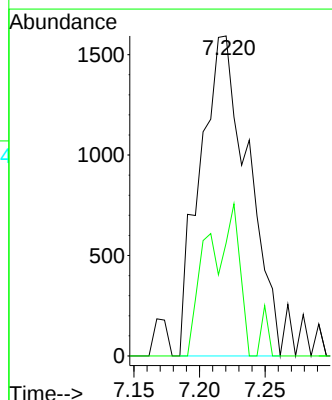
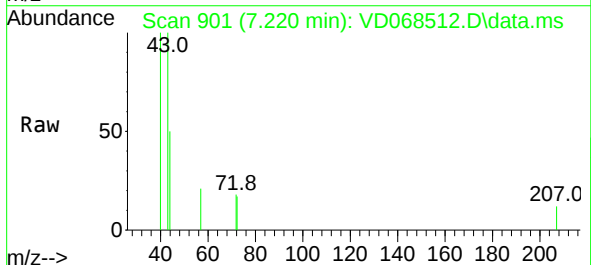


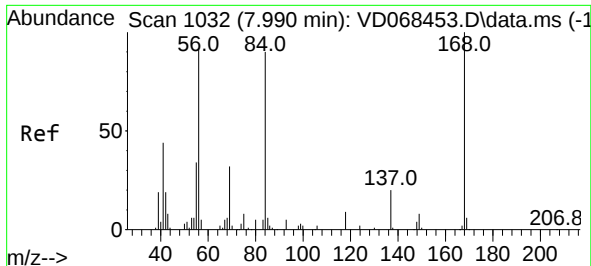
Tgt Ion:	84	Resp:	2048
Ion	Ratio	Lower	Upper
84	100		
49	82.6	77.4	116.2
51	0.0	26.1	39.1#
86	46.8	51.8	77.8#



#25
2-Butanone
Concen: 4.57 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.006 min
Lab File: VD068512.D
Acq: 03 Mar 2021 14:53

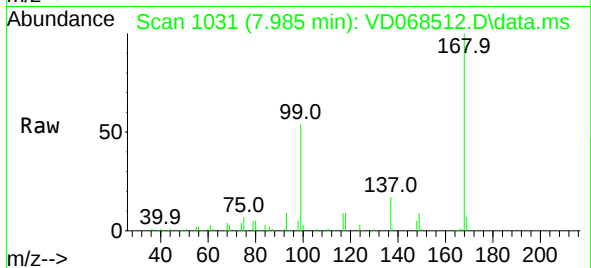
Tgt Ion:	43	Resp:	4077
Ion	Ratio	Lower	Upper
43	100		
72	35.3	25.1	37.7



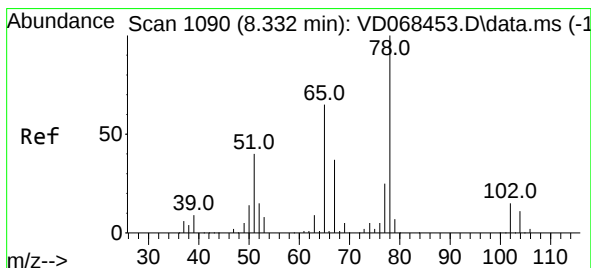
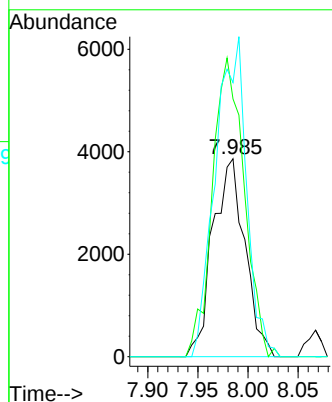
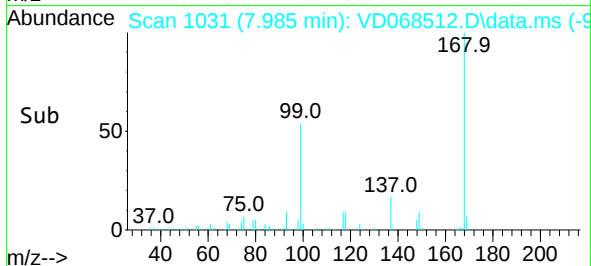


#31
Cyclohexane
Concen: 1.21 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.005 min
Lab File: VD068512.D
Acq: 03 Mar 2021 14:53

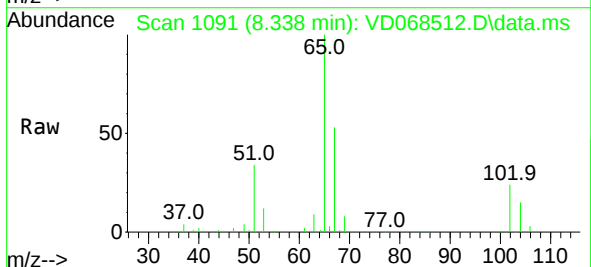
Instrument :
MSVOA_D
ClientSampleId :



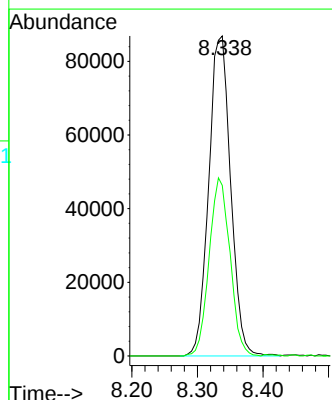
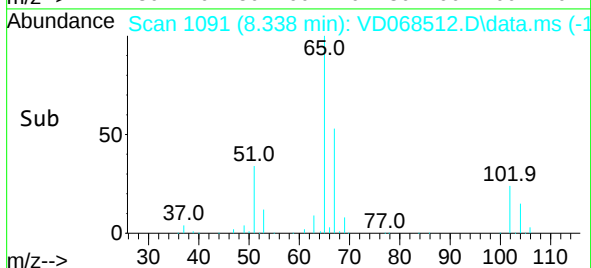
Tgt Ion: 56 Resp: 8613
Ion Ratio Lower Upper
56 100
69 130.3 30.1 45.1#
84 138.5 82.1 123.1#

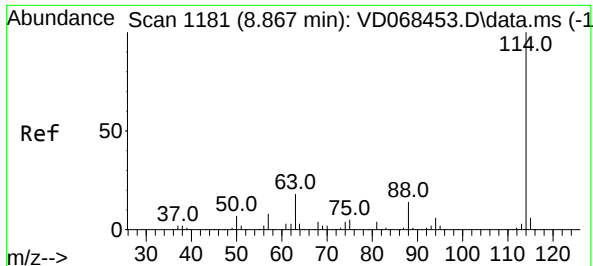


#33
1,2-Dichloroethane-d4
Concen: 51.59 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068512.D
Acq: 03 Mar 2021 14:53



Tgt Ion: 65 Resp: 201716
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.0

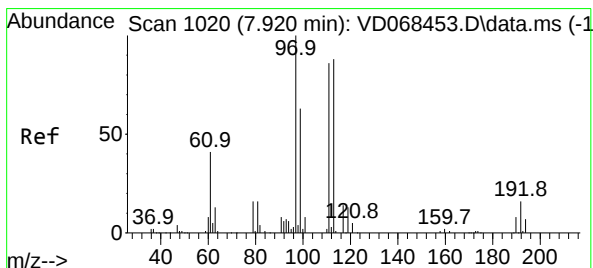
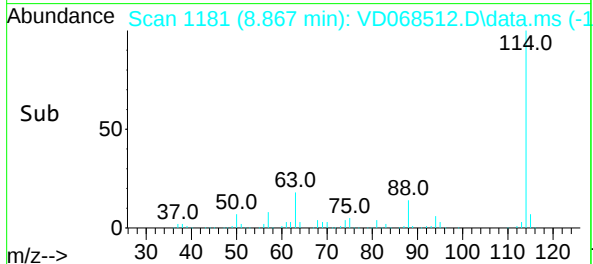
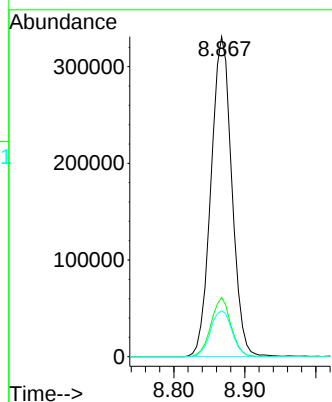
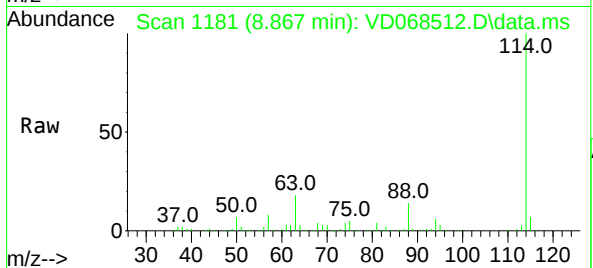




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068512.D
Acq: 03 Mar 2021 14:53

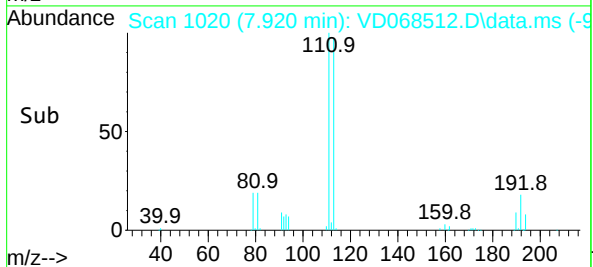
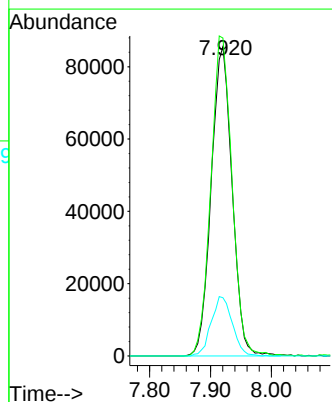
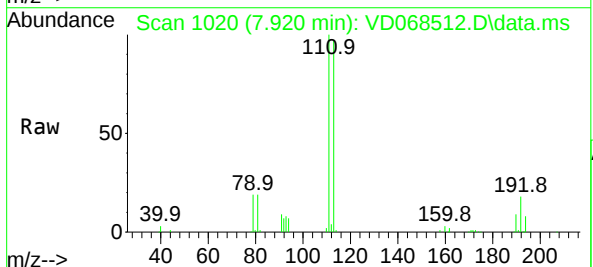
Instrument :
MSVOA_D
ClientSampleId :

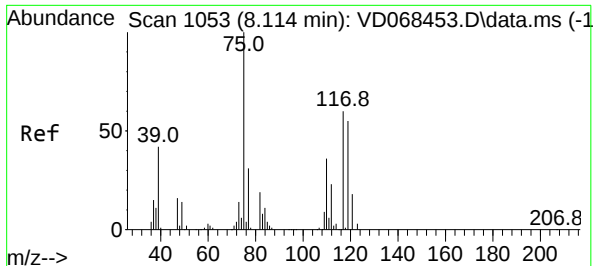
Tgt Ion:114 Resp: 671767
Ion Ratio Lower Upper
114 100
63 18.5 0.0 34.8
88 14.3 0.0 31.6



#35
Dibromofluoromethane
Concen: 50.41 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068512.D
Acq: 03 Mar 2021 14:53

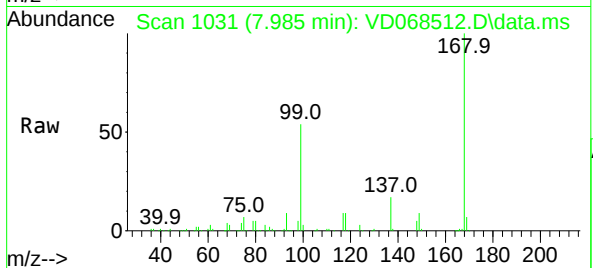
Tgt Ion:113 Resp: 203991
Ion Ratio Lower Upper
113 100
111 104.5 81.4 122.0
192 19.4 16.1 24.1



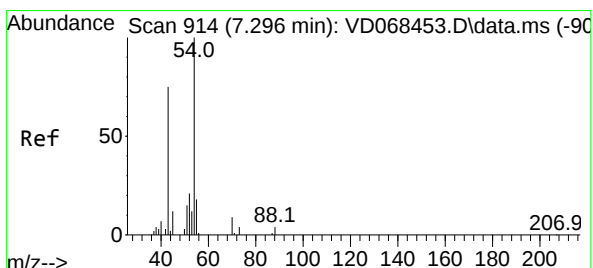
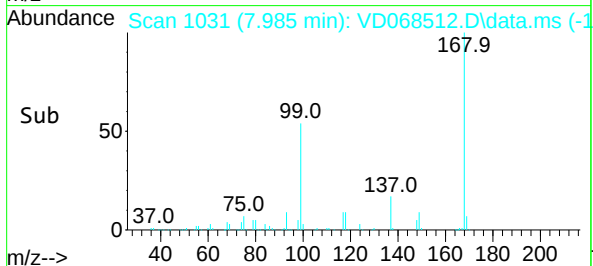
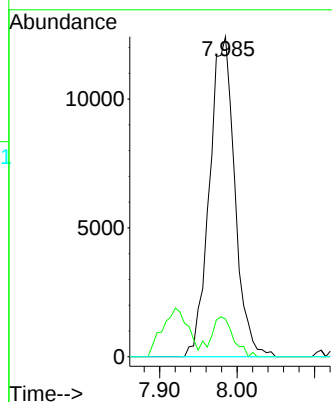


#36
1,1-Dichloropropene
Concen: 4.39 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.129 min
Lab File: VD068512.D
Acq: 03 Mar 2021 14:53

Instrument :
MSVOA_D
ClientSampled :

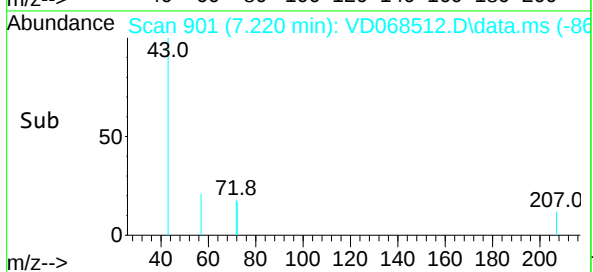
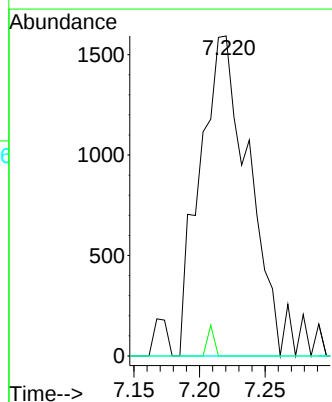
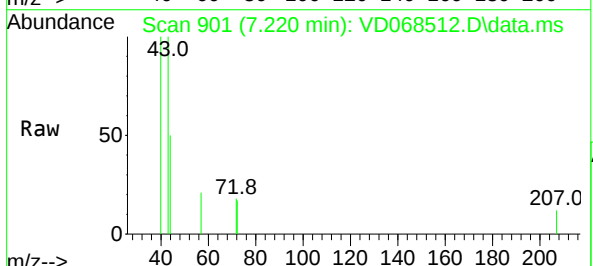


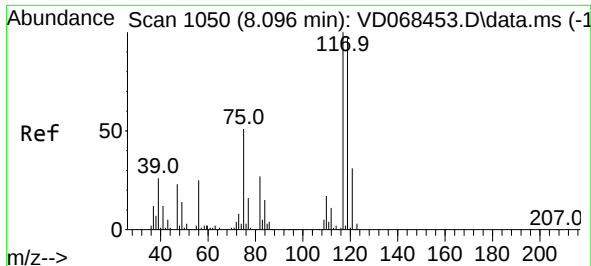
Tgt Ion: 75 Resp: 28025
Ion Ratio Lower Upper
75 100
110 11.1 19.4 58.2#
77 0.0 25.3 37.9#



#37
Ethyl Acetate
Concen: 1.92 ug/l
RT: 7.220 min Scan# 901
Delta R.T. -0.076 min
Lab File: VD068512.D
Acq: 03 Mar 2021 14:53

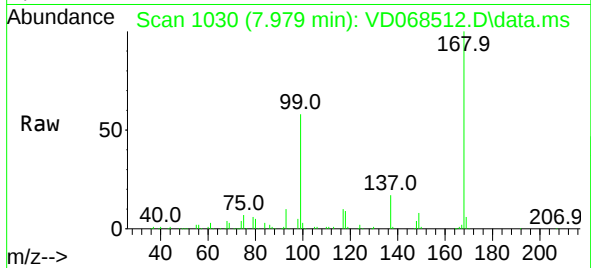
Tgt Ion: 43 Resp: 4077
Ion Ratio Lower Upper
43 100
61 1.3 12.9 19.3#
70 0.0 11.0 16.6#



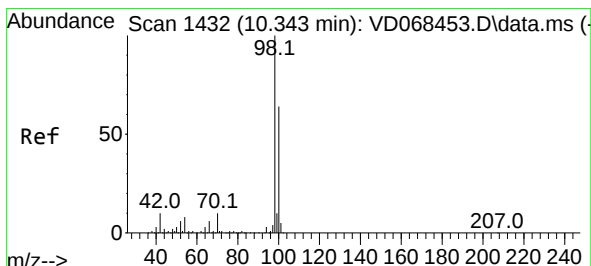
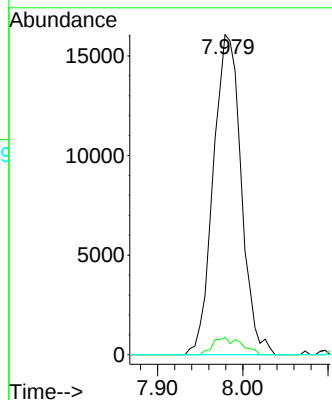
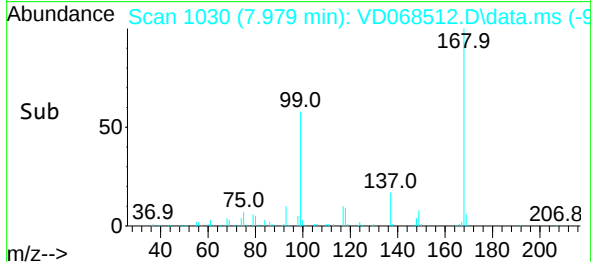


#38
Carbon Tetrachloride
Concen: 6.10 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.117 min
Lab File: VD068512.D
Acq: 03 Mar 2021 14:53

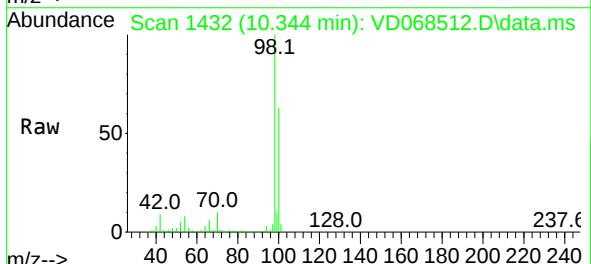
Instrument :
MSVOA_D
ClientSampleId :



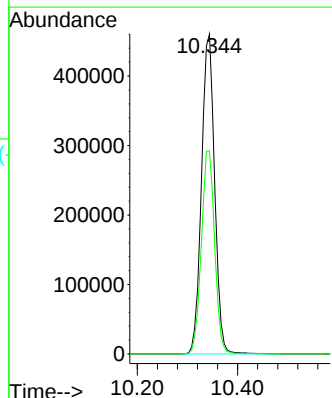
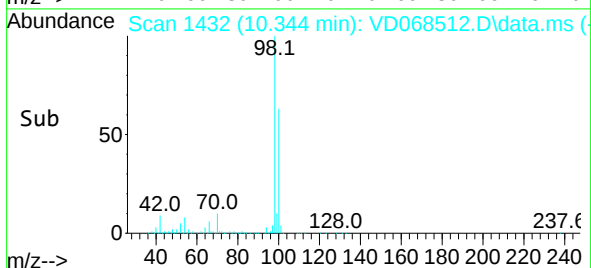
Tgt Ion:117 Resp: 36578
Ion Ratio Lower Upper
117 100
119 5.5 77.3 115.9#
121 0.0 24.7 37.1#

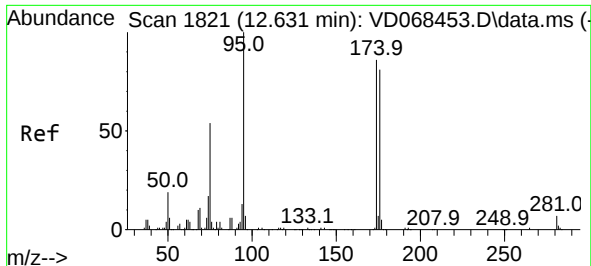


#50
Toluene-d8
Concen: 51.93 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068512.D
Acq: 03 Mar 2021 14:53



Tgt Ion: 98 Resp: 837084
Ion Ratio Lower Upper
98 100
100 64.3 53.0 79.4

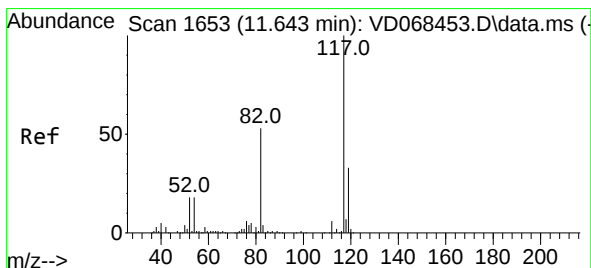
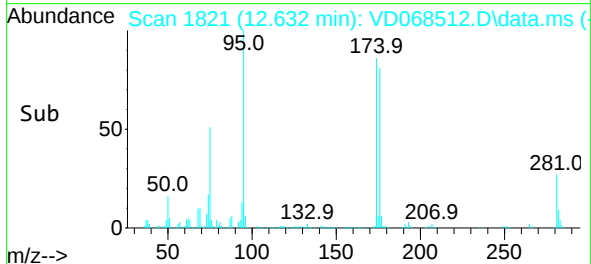
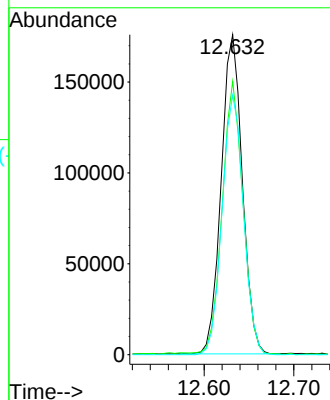
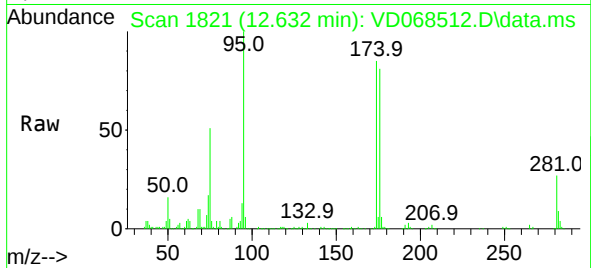




#62
4-Bromofluorobenzene
Concen: 55.21 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068512.D
Acq: 03 Mar 2021 14:53

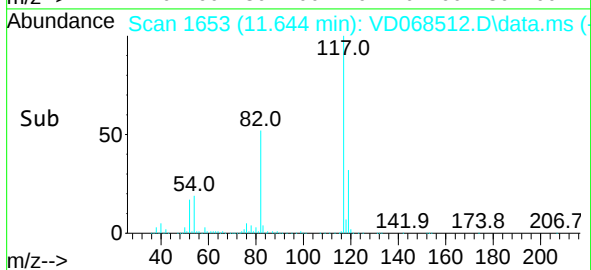
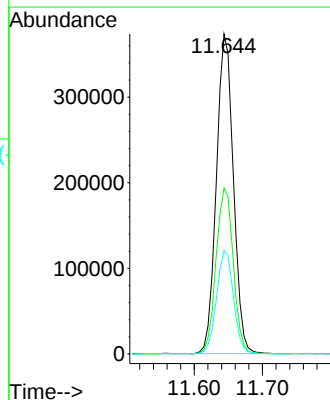
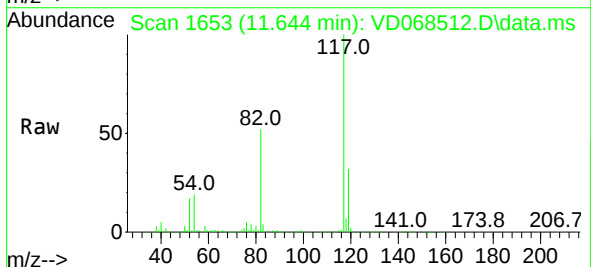
Instrument :
MSVOA_D
ClientSampleId :

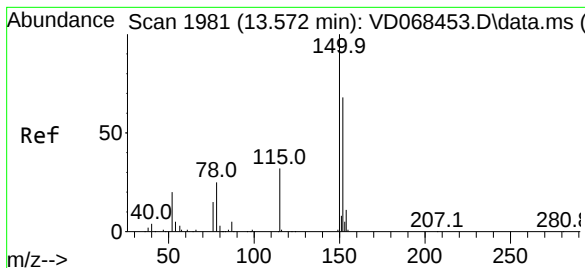
Tgt Ion: 95 Resp: 286813
Ion Ratio Lower Upper
95 100
174 84.8 0.0 172.4
176 82.4 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068512.D
Acq: 03 Mar 2021 14:53

Tgt Ion: 117 Resp: 648830
Ion Ratio Lower Upper
117 100
82 51.8 41.4 62.0
119 32.2 26.1 39.1

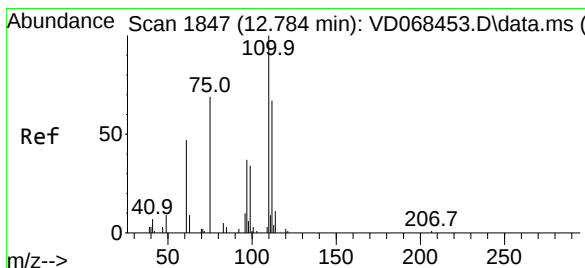
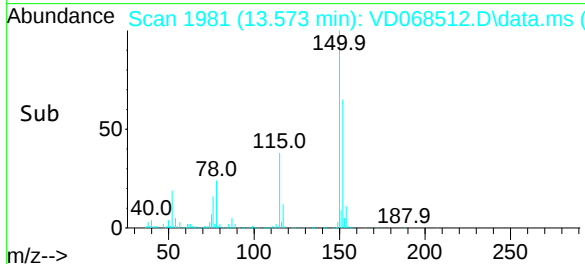
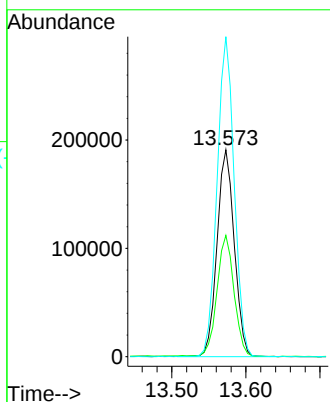
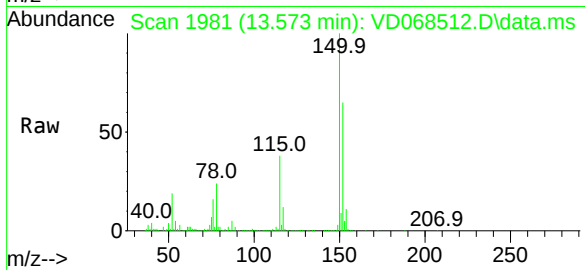




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.573 min Scan# 1981
 Delta R.T. 0.001 min
 Lab File: VD068512.D
 Acq: 03 Mar 2021 14:53

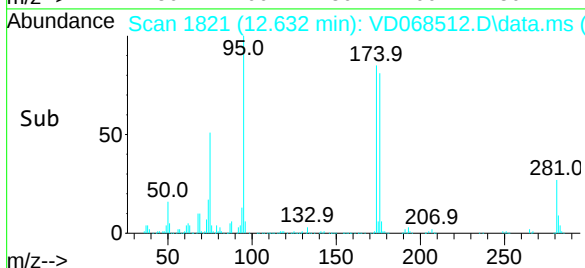
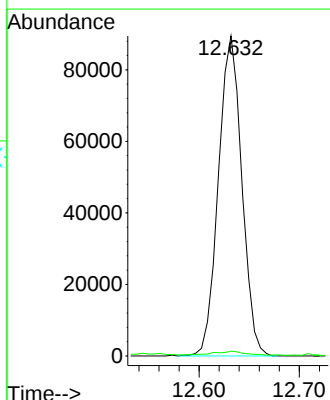
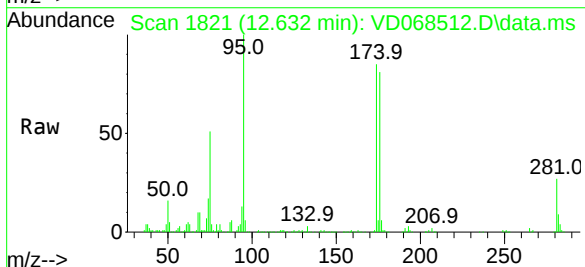
Instrument :
 MSVOA_D
 ClientSampleId :

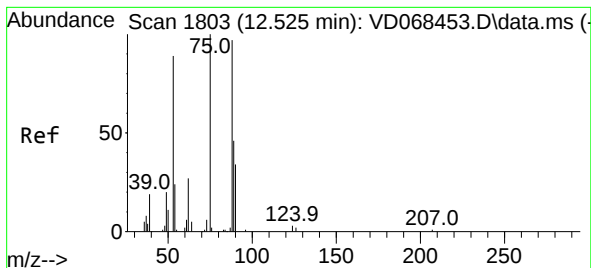
Tgt Ion:152 Resp: 309028
 Ion Ratio Lower Upper
 152 100
 115 58.1 28.9 86.8
 150 153.2 0.0 344.4



#76
 1,2,3-Trichloropropane
 Concen: 52.81 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. -0.152 min
 Lab File: VD068512.D
 Acq: 03 Mar 2021 14:53

Tgt Ion: 75 Resp: 144889
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#

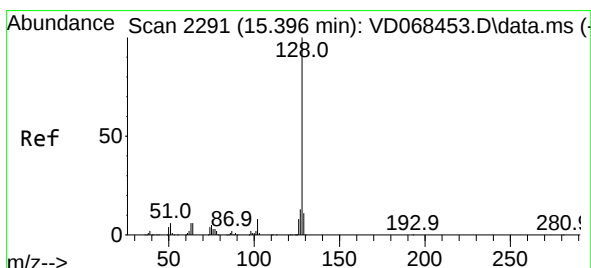
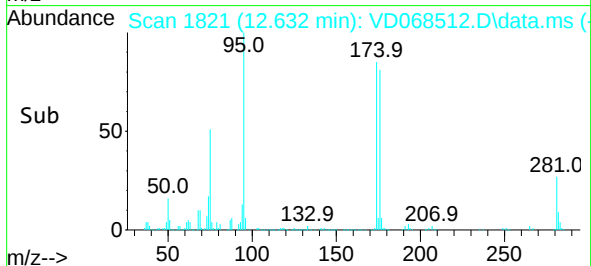
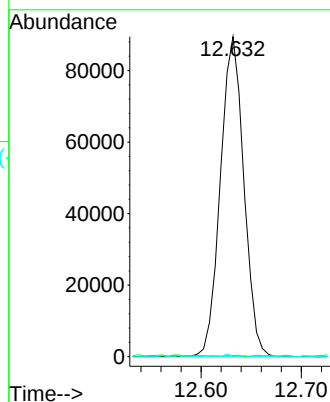
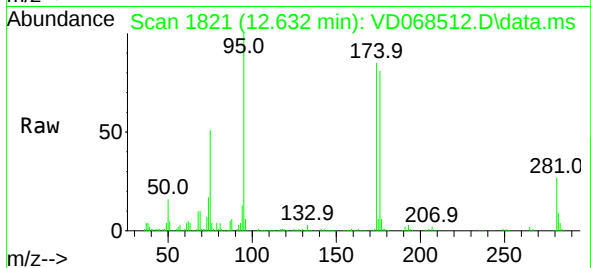




#81
trans-1,4-Dichloro-2-butene
Concen: 123.25 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068512.D
Acq: 03 Mar 2021 14:53

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 144889
Ion Ratio Lower Upper
75 100
53 0.3 70.2 105.2#
89 0.1 40.3 60.5#



#95
Naphthalene
Concen: 1.50 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD068512.D
Acq: 03 Mar 2021 14:53

Tgt Ion:128 Resp: 18172
Ion Ratio Lower Upper
128 100
127 15.9 10.2 15.2#
129 8.7 8.8 13.2#

