

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032921\
 Data File : VD068702.D
 Acq On : 29 Mar 2021 17:02
 Operator : VA/SY
 Sample : M1852-01
 Misc : 6.77G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-032921

Quant Time: Mar 30 01:06:06 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)

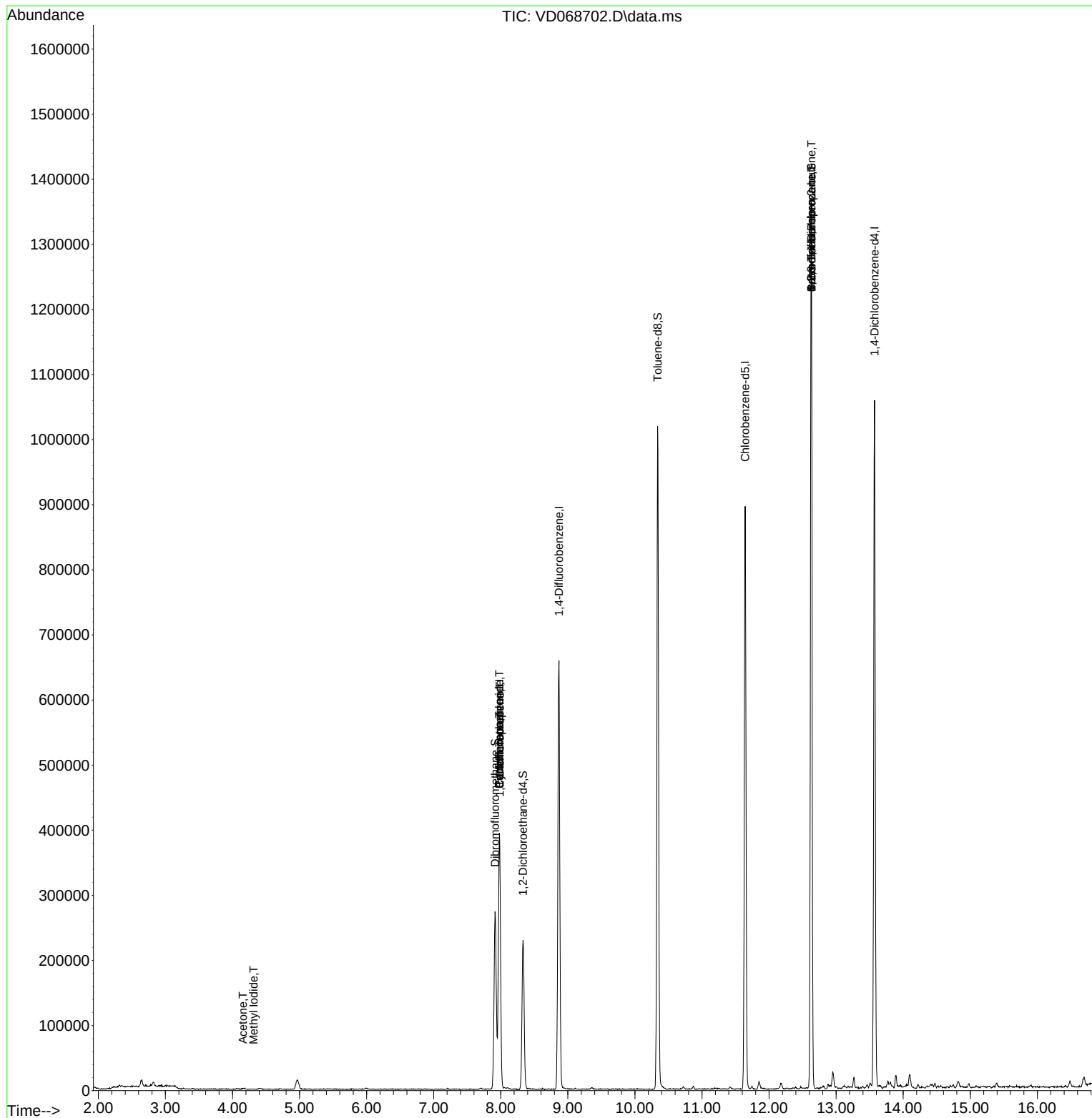
Internal Standards						
1) Pentafluorobenzene	7.979	168	297188	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	594300	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	545457	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	281098	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	183804	61.34	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 122.68%		
35) Dibromofluoromethane	7.914	113	195895	52.98	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 105.96%		
50) Toluene-d8	10.338	98	717236	50.31	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 100.62%		
62) 4-Bromofluorobenzene	12.632	95	280589	60.71	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 121.42%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.314	142	223	3.54	ug/l #	41
16) Acetone	4.156	43	1646	4.53	ug/l #	40
20) Methylene Chloride	4.961	84	11936	Below Cal		94
31) Cyclohexane	7.979	56	7114	1.47	ug/l #	31
36) 1,1-Dichloropropene	7.985	75	23186	4.37	ug/l #	49
38) Carbon Tetrachloride	7.979	117	29133	5.50	ug/l #	17
71) Bromoform	12.632	173	2347	1.15	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	144311	61.68	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	144311	140.33	ug/l #	17

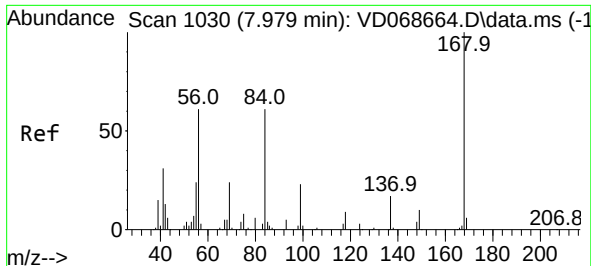
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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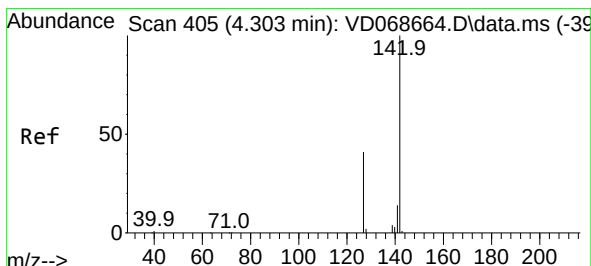
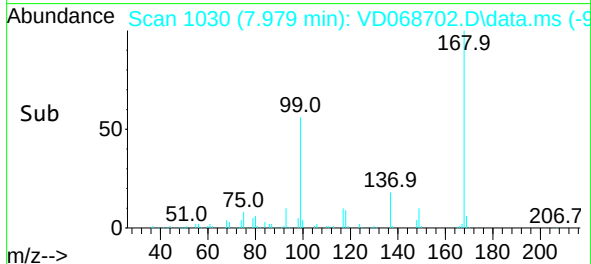
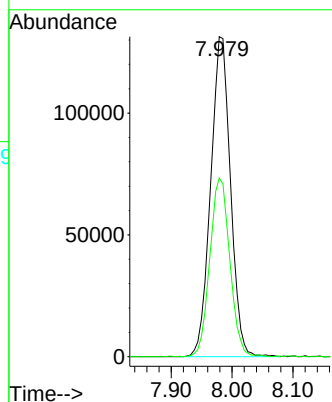
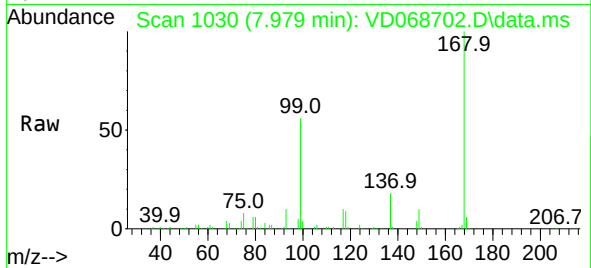




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068702.D
Acq: 29 Mar 2021 17:02

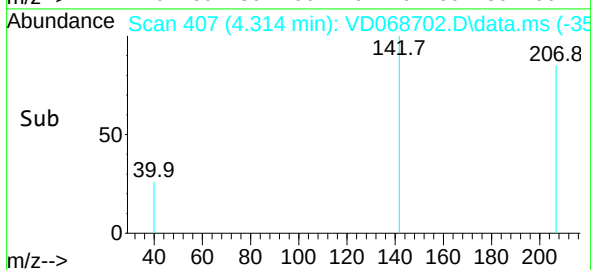
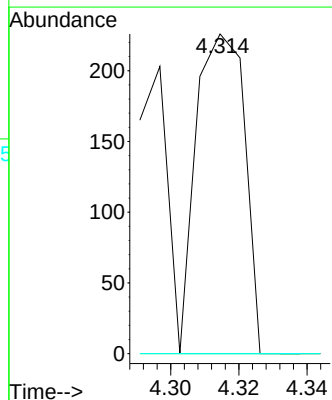
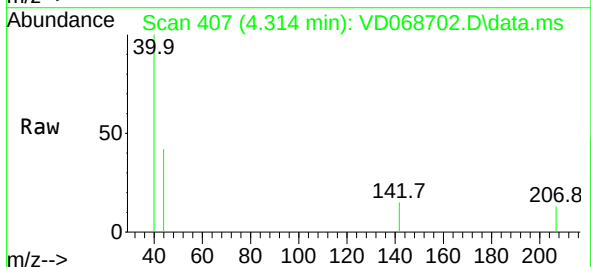
Instrument :
MSVOA_D
ClientSampleId :
OR-03-032921

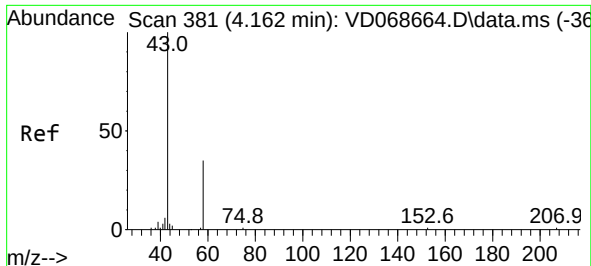
Tgt Ion:168 Resp: 297188
Ion Ratio Lower Upper
168 100
99 55.6 46.2 69.2



#10
Methyl Iodide
Concen: 3.54 ug/l
RT: 4.314 min Scan# 407
Delta R.T. 0.011 min
Lab File: VD068702.D
Acq: 29 Mar 2021 17:02

Tgt Ion:142 Resp: 223
Ion Ratio Lower Upper
142 100
127 0.0 34.7 52.1#
141 0.0 11.0 16.4#

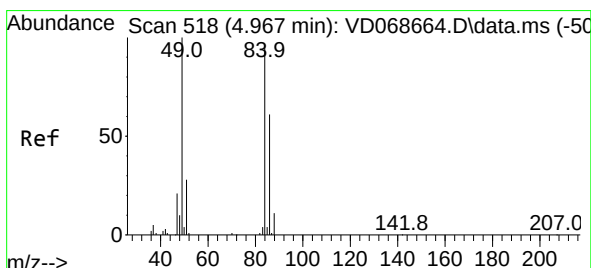
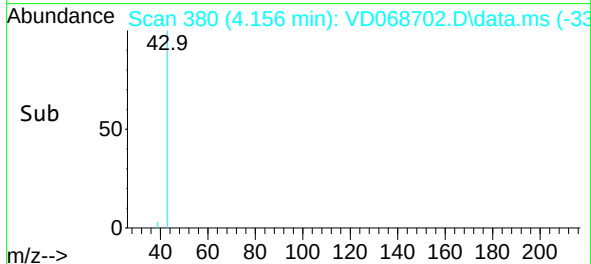
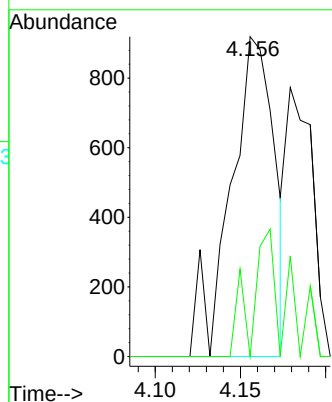
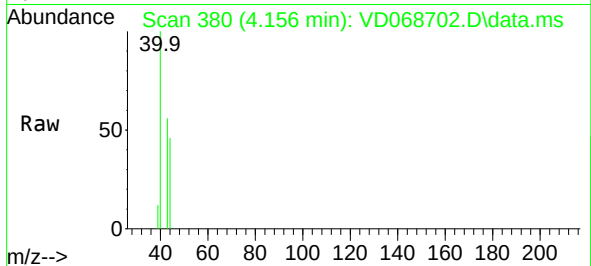




#16
Acetone
Concen: 4.53 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD068702.D
Acq: 29 Mar 2021 17:02

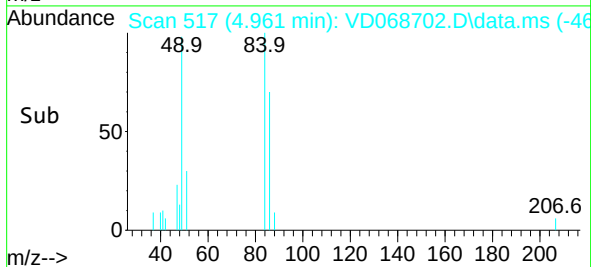
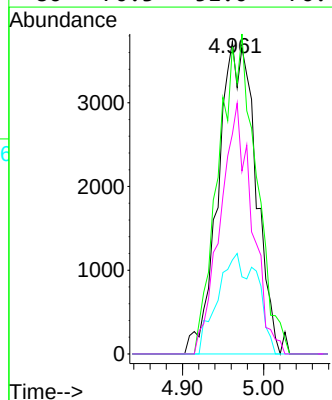
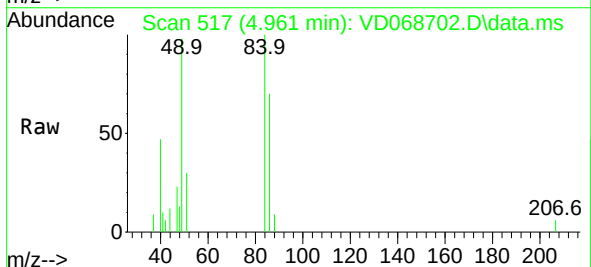
Instrument :
MSVOA_D
ClientSampleId :
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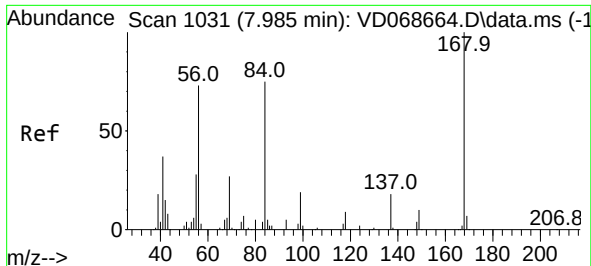
Tgt Ion: 43 Resp: 1646
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD068702.D
Acq: 29 Mar 2021 17:02

Tgt Ion: 84 Resp: 11936
Ion Ratio Lower Upper
84 100
49 98.3 83.4 125.0
51 30.1 23.4 35.2
86 70.3 51.0 76.4

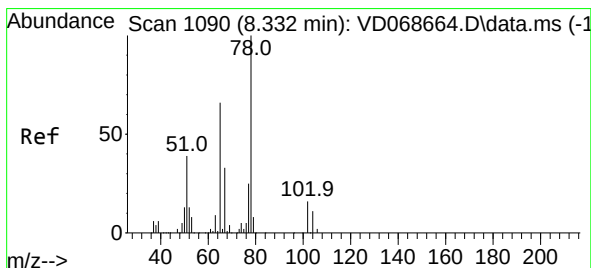
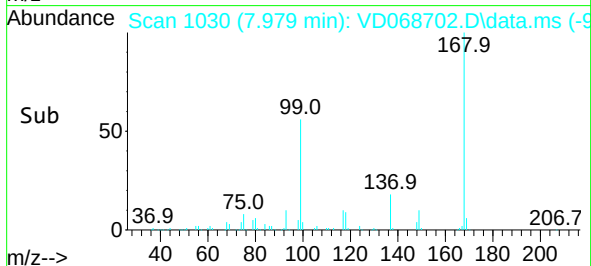
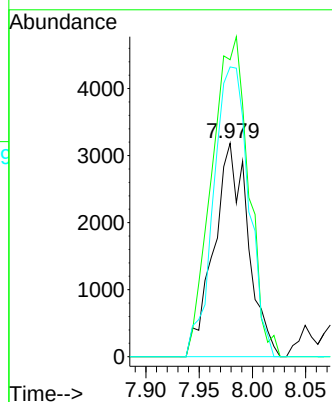
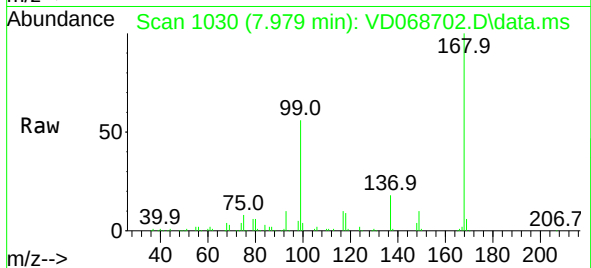




#31
Cyclohexane
Concen: 1.47 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068702.D
Acq: 29 Mar 2021 17:02

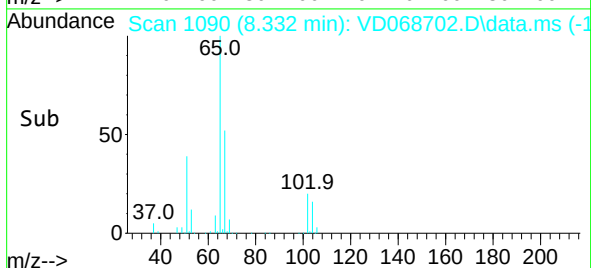
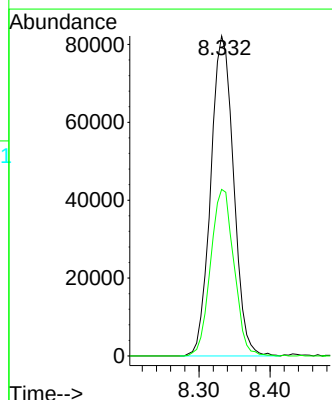
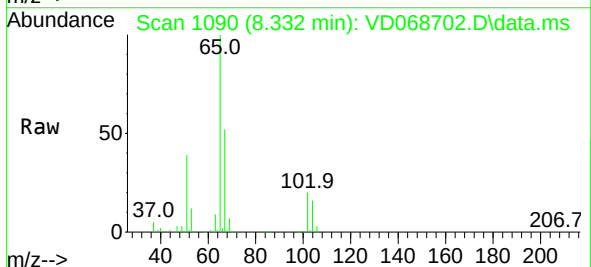
Instrument :
MSVOA_D
ClientSampleId :
OR-03-032921

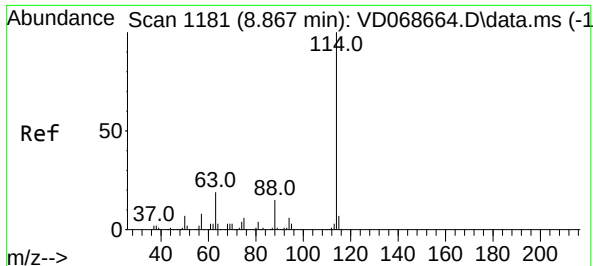
Tgt Ion: 56 Resp: 7114
Ion Ratio Lower Upper
56 100
69 139.1 30.0 45.0#
84 135.8 82.0 123.0#



#33
1,2-Dichloroethane-d4
Concen: 61.34 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068702.D
Acq: 29 Mar 2021 17:02

Tgt Ion: 65 Resp: 183804
Ion Ratio Lower Upper
65 100
67 53.1 0.0 106.0



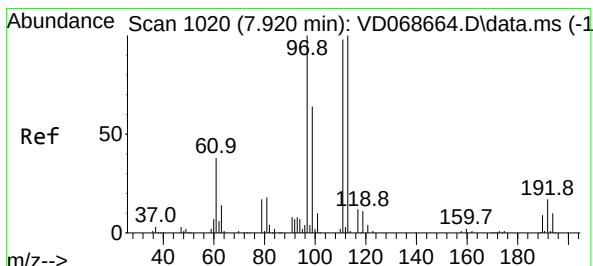
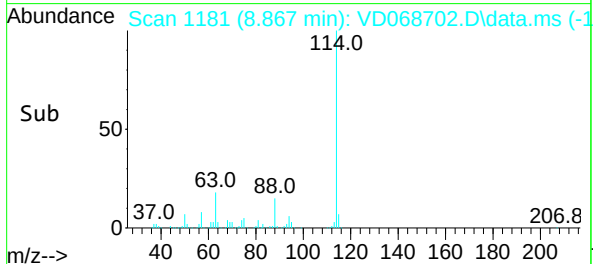
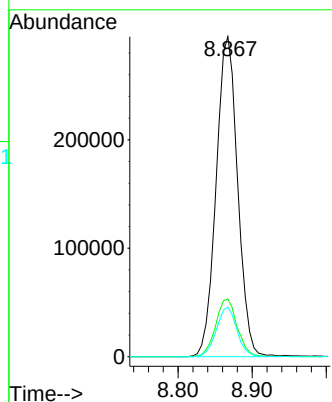
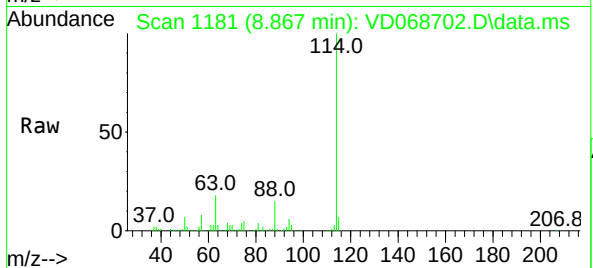


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068702.D
Acq: 29 Mar 2021 17:02

Instrument :
MSVOA_D
ClientSampleId :
OR-03-032921

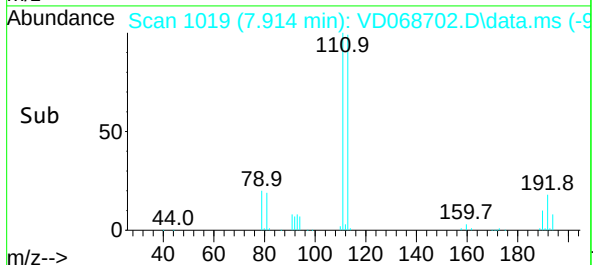
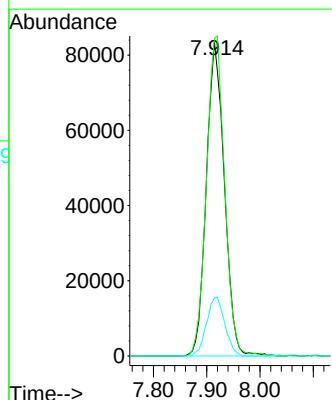
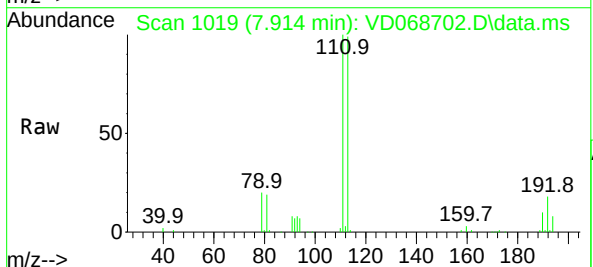
Tgt Ion:114 Resp: 594300
Ion Ratio Lower Upper
114 100
63 18.0 0.0 38.2
88 15.5 0.0 29.4

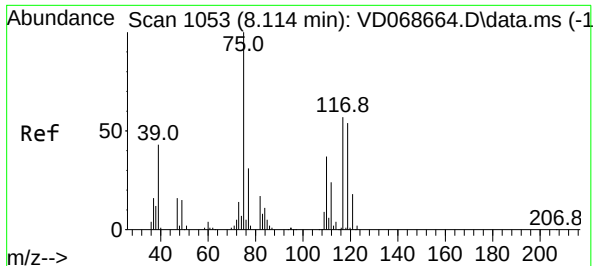


#35

Dibromofluoromethane
Concen: 52.98 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068702.D
Acq: 29 Mar 2021 17:02

Tgt Ion:113 Resp: 195895
Ion Ratio Lower Upper
113 100
111 103.6 82.5 123.7
192 19.1 15.1 22.7

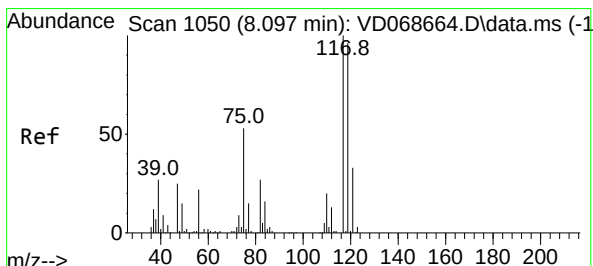
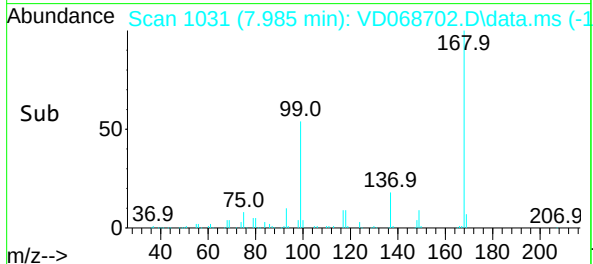
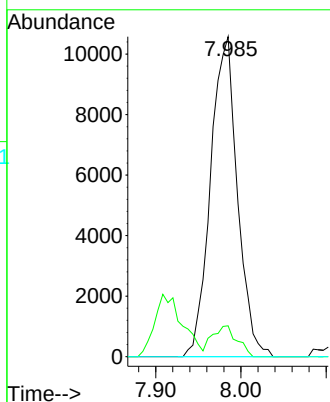
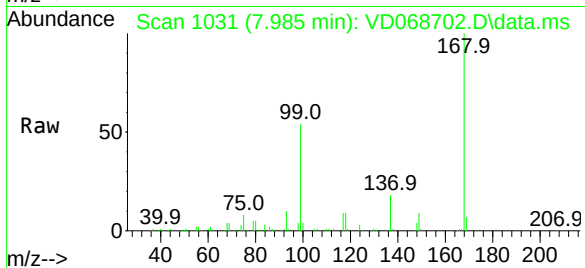




#36
1,1-Dichloropropene
Concen: 4.37 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.130 min
Lab File: VD068702.D
Acq: 29 Mar 2021 17:02

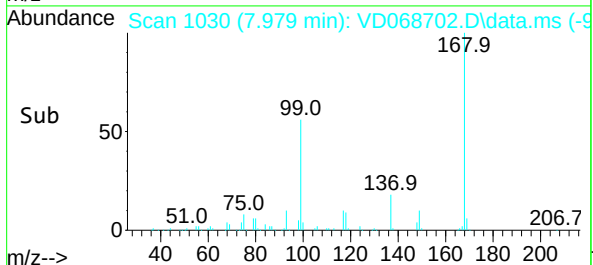
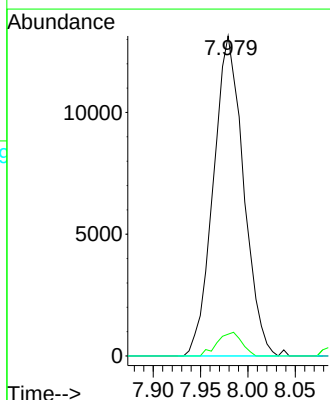
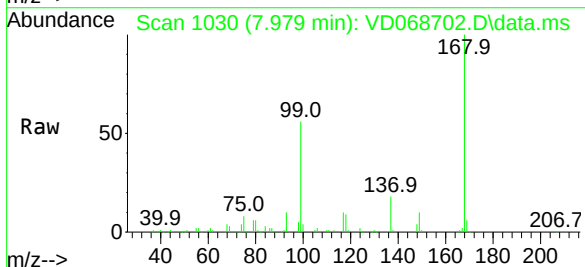
Instrument :
MSVOA_D
ClientSampleId :
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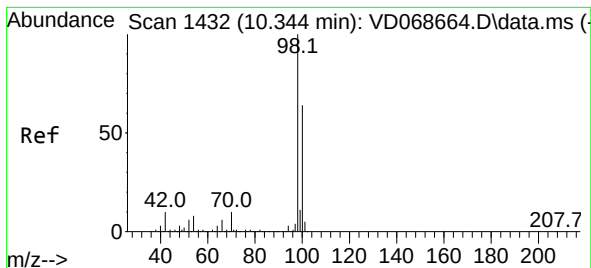
Tgt Ion: 75 Resp: 23186
Ion Ratio Lower Upper
75 100
110 8.9 18.1 54.4#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.50 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068702.D
Acq: 29 Mar 2021 17:02

Tgt Ion: 117 Resp: 29133
Ion Ratio Lower Upper
117 100
119 6.8 76.6 115.0#
121 0.0 26.1 39.1#

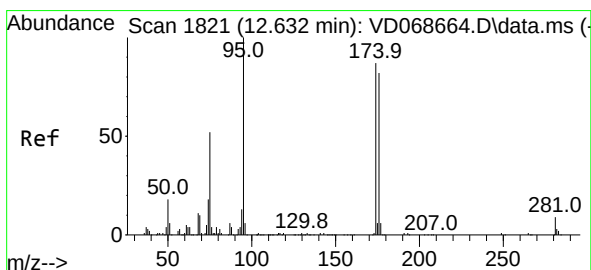
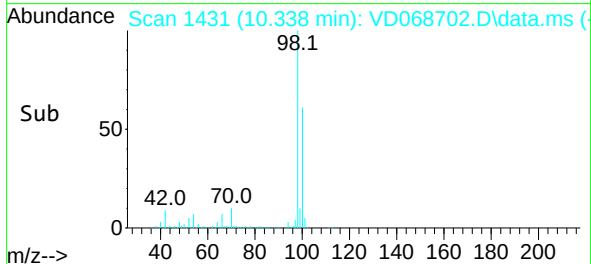
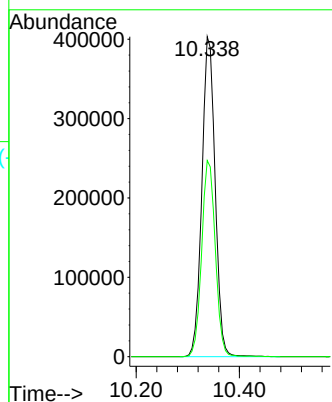
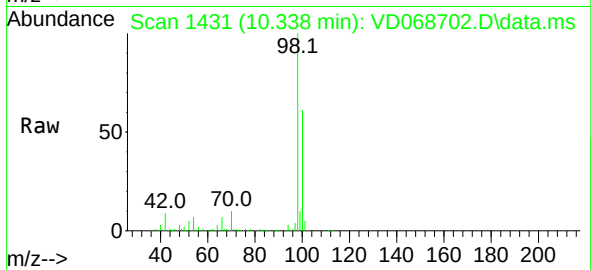




#50
Toluene-d8
Concen: 50.31 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068702.D
Acq: 29 Mar 2021 17:02

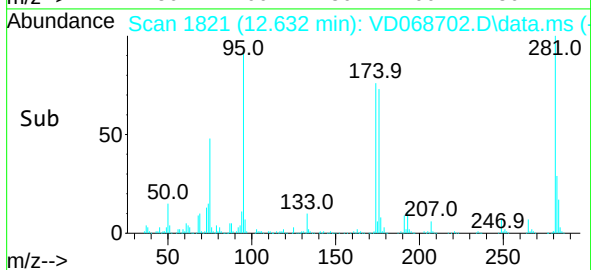
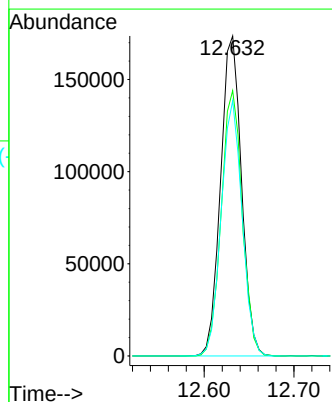
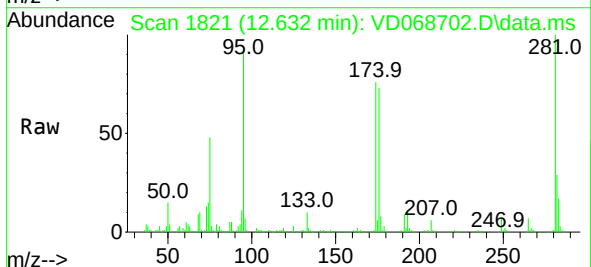
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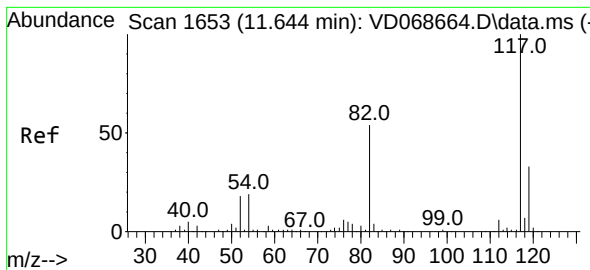
Tgt Ion: 98 Resp: 717236
Ion Ratio Lower Upper
98 100
100 63.3 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 60.71 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068702.D
Acq: 29 Mar 2021 17:02

Tgt Ion: 95 Resp: 280589
Ion Ratio Lower Upper
95 100
174 82.9 0.0 168.0
176 79.7 0.0 160.2

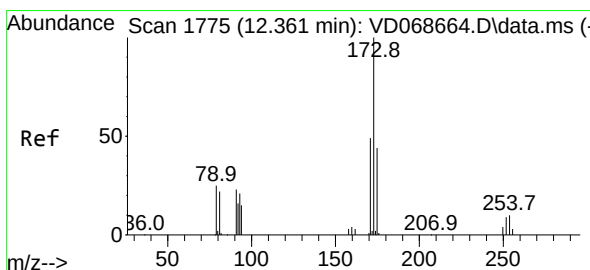
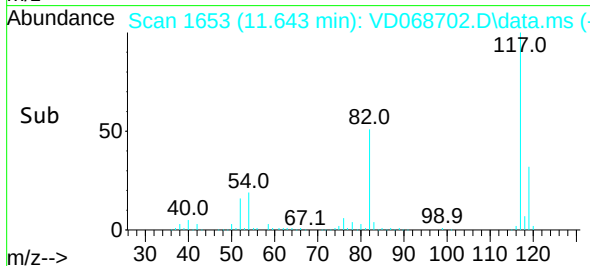
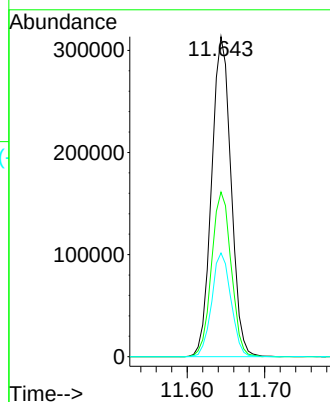
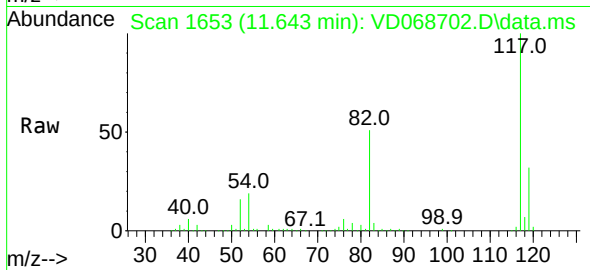




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD068702.D
Acq: 29 Mar 2021 17:02

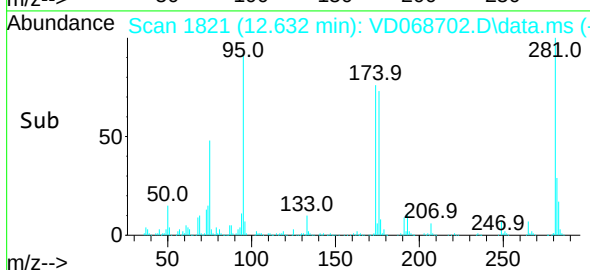
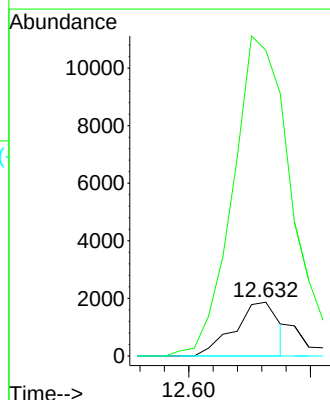
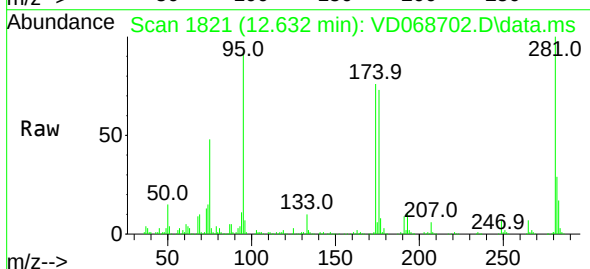
Instrument :
MSVOA_D
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OR-03-032921

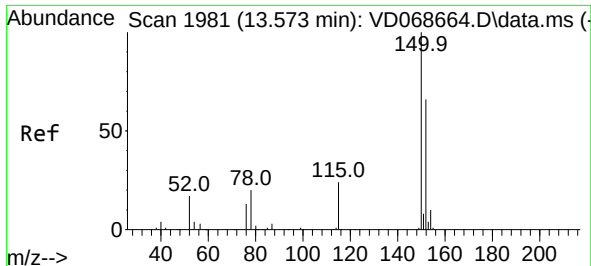
Tgt Ion:117 Resp: 545457
Ion Ratio Lower Upper
117 100
82 51.4 43.5 65.3
119 32.4 26.7 40.1



#71
Bromoform
Concen: 1.15 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.270 min
Lab File: VD068702.D
Acq: 29 Mar 2021 17:02

Tgt Ion:173 Resp: 2347
Ion Ratio Lower Upper
173 100
175 646.8 23.6 71.0#
254 0.0 0.0 0.0

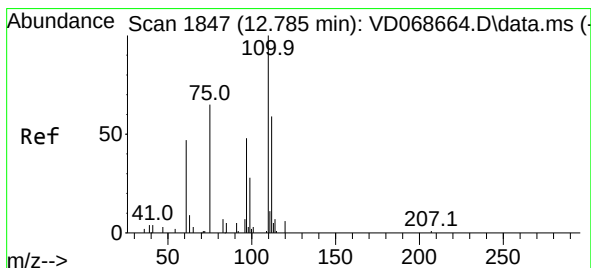
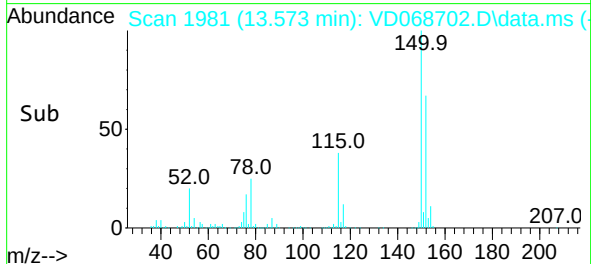
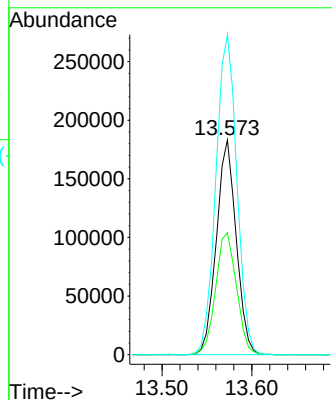
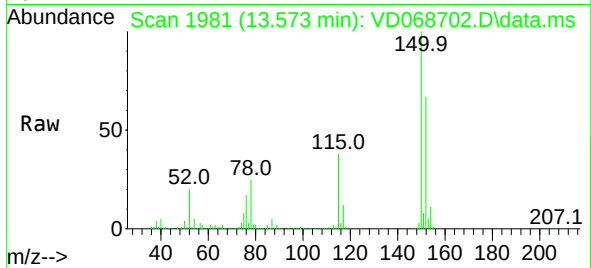




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068702.D
Acq: 29 Mar 2021 17:02

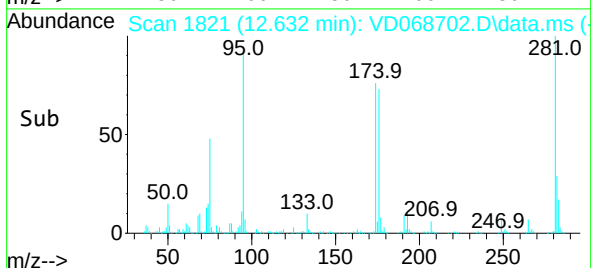
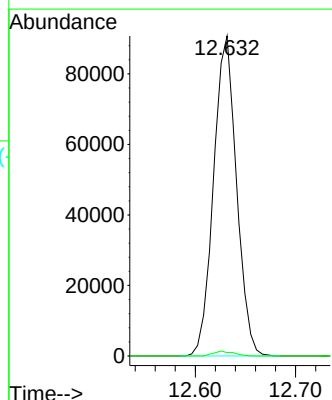
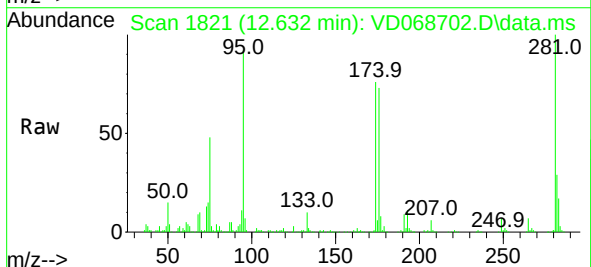
Instrument :
MSVOA_D
ClientSampleId :
OR-03-032921

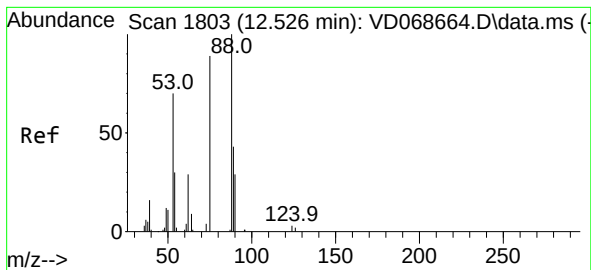
Tgt Ion:152 Resp: 281098
Ion Ratio Lower Upper
152 100
115 59.8 29.3 87.8
150 157.3 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 61.68 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068702.D
Acq: 29 Mar 2021 17:02

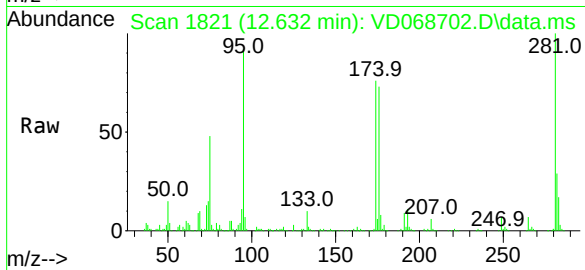
Tgt Ion: 75 Resp: 144311
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 140.33 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068702.D
 Acq: 29 Mar 2021 17:02

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-032921



Tgt Ion: 75 Resp: 144311
 Ion Ratio Lower Upper
 75 100
 53 0.1 66.8 100.2#
 89 1.4 36.6 54.8#

