

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012921\
 Data File : VD068250.D
 Acq On : 29 Jan 2021 19:59
 Operator : VA/SY
 Sample : M1284-01
 Misc : 4.93G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 30 00:05:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

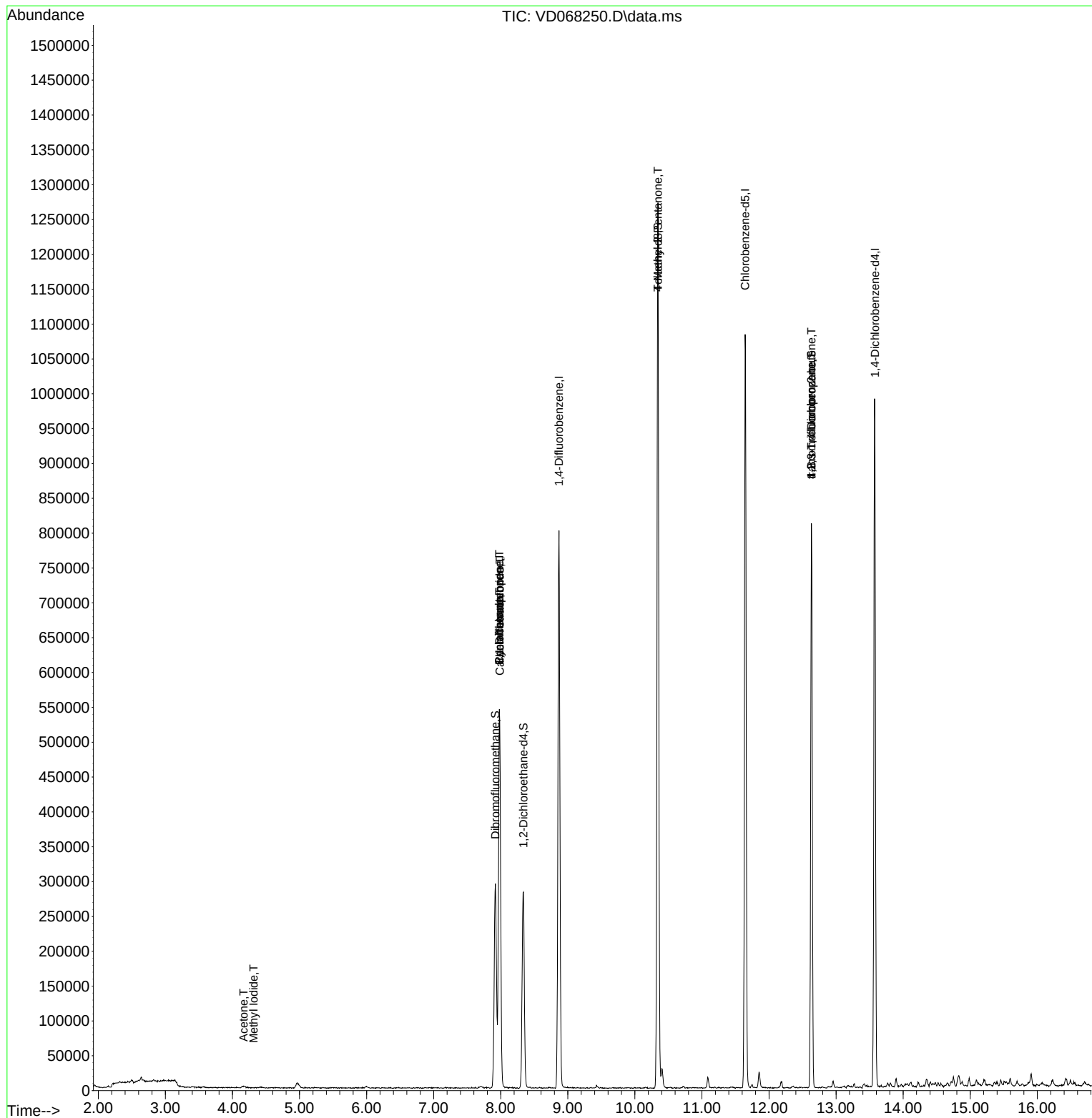
Internal Standards						
1) Pentafluorobenzene	7.979	168	404086	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	718337	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	637912	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	265085	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	233354	60.37	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.74%
35) Dibromofluoromethane	7.920	113	216227	54.45	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.90%
50) Toluene-d8	10.344	98	890736	56.07	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.14%
62) 4-Bromofluorobenzene	12.632	95	281006	49.12	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.24%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.315	142	54	3.17	ug/l #	38
16) Acetone	4.168	43	5717	8.28	ug/l #	84
20) Methylene Chloride	4.968	84	6010	Below Cal	#	88
31) Cyclohexane	7.979	56	9711	1.16	ug/l #	33
36) 1,1-Dichloropropene	7.979	75	31536	4.35	ug/l #	48
38) Carbon Tetrachloride	7.985	117	41686	6.15	ug/l #	16
51) 4-Methyl-2-Pentanone	10.344	43	3656	1.47	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	143416	55.95	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	143416	113.23	ug/l #	13

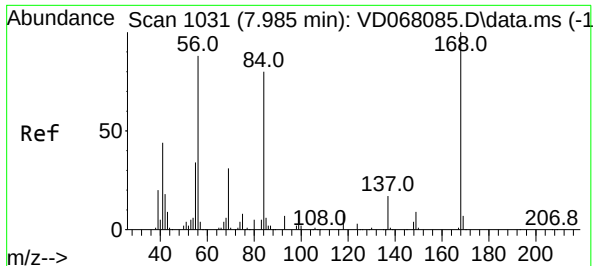
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jan 30 00:05:30 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 19 13:19:08 2021
Response via : Initial Calibration

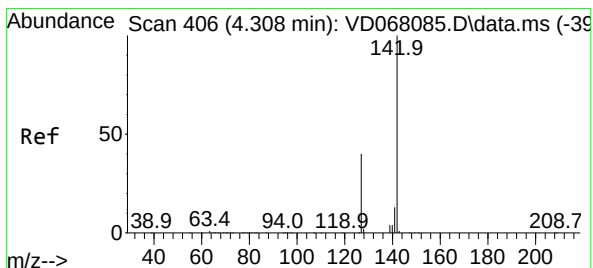
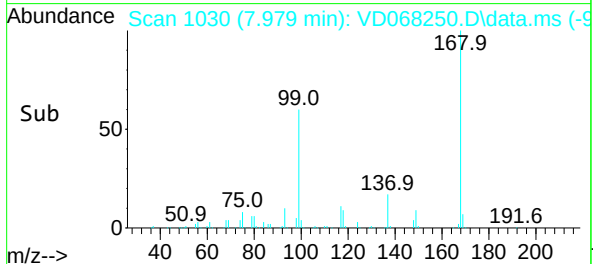
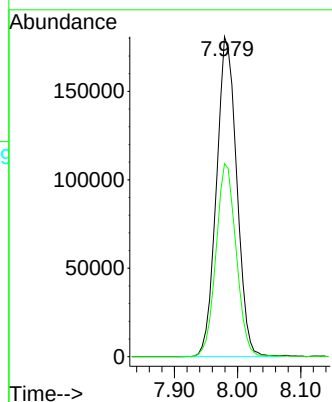
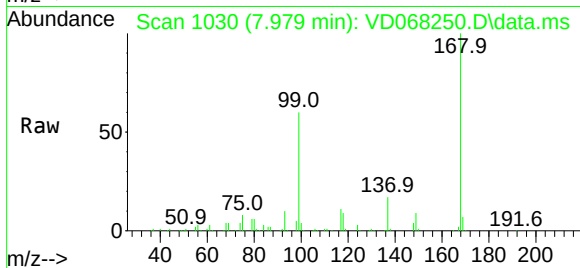




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068250.D
Acq: 29 Jan 2021 19:59

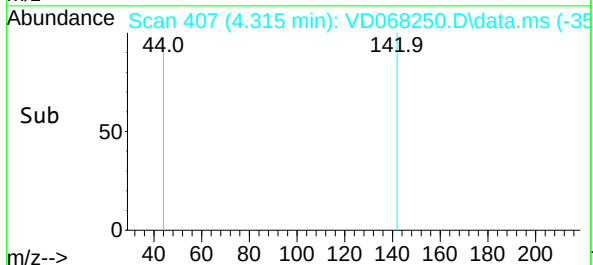
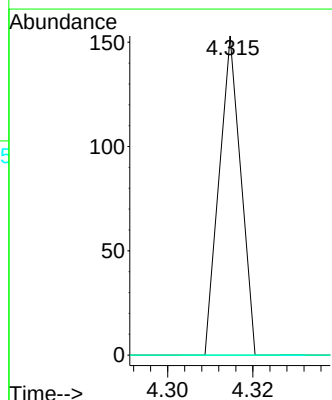
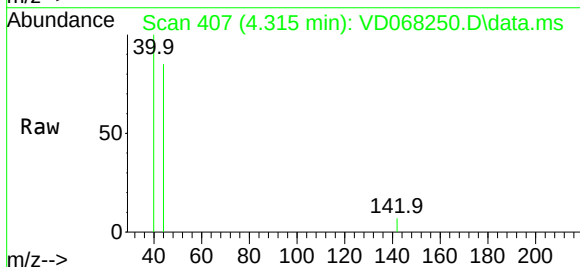
Instrument :
MSVOA_D
ClientSampleId :

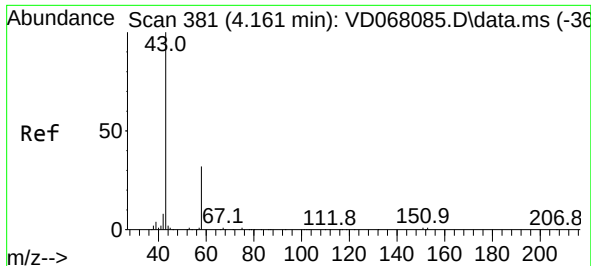
Tgt Ion:168 Resp: 404086
Ion Ratio Lower Upper
168 100
99 60.3 43.5 65.3



#10
Methyl Iodide
Concen: 3.17 ug/l
RT: 4.315 min Scan# 407
Delta R.T. 0.007 min
Lab File: VD068250.D
Acq: 29 Jan 2021 19:59

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#

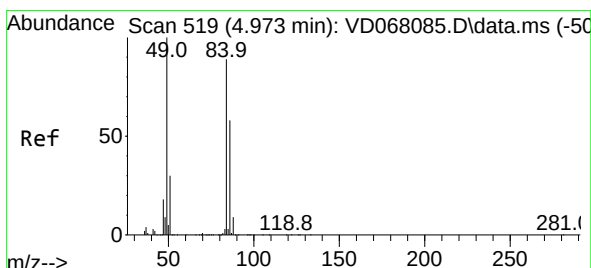
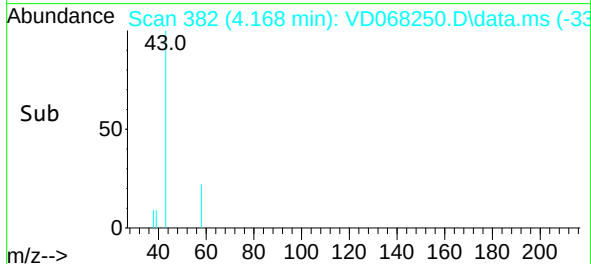
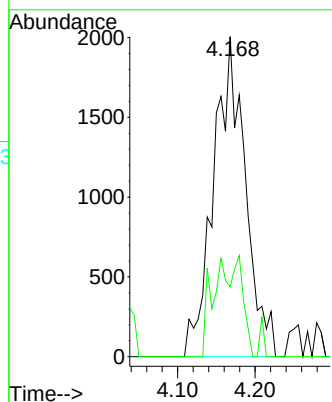
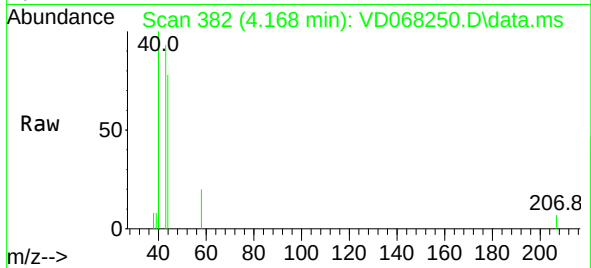




#16
Acetone
Concen: 8.28 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068250.D
Acq: 29 Jan 2021 19:59

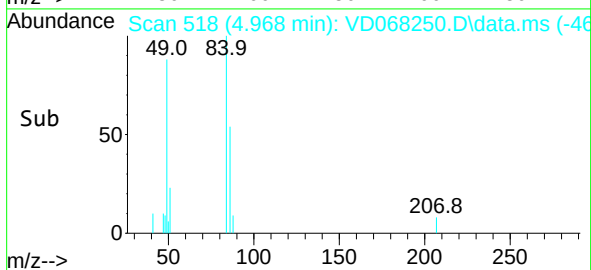
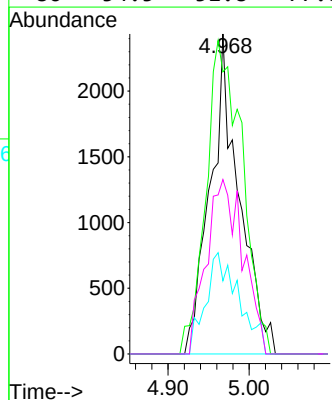
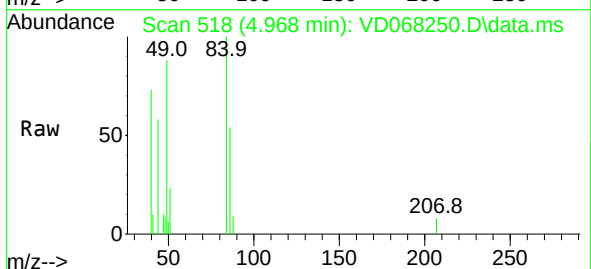
Instrument :
MSVOA_D
ClientSampleId :

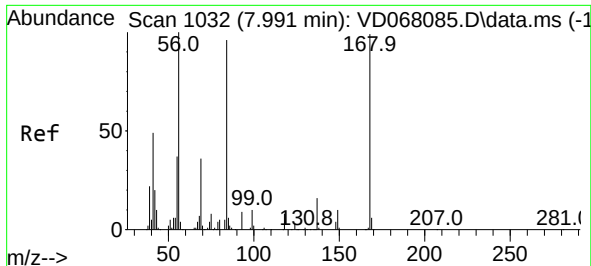
Tgt Ion: 43 Resp: 5717
Ion Ratio Lower Upper
43 100
58 21.8 24.2 36.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 518
Delta R.T. -0.005 min
Lab File: VD068250.D
Acq: 29 Jan 2021 19:59

Tgt Ion: 84 Resp: 6010
Ion Ratio Lower Upper
84 100
49 88.2 77.4 116.2
51 22.8 26.1 39.1#
86 54.5 51.8 77.8

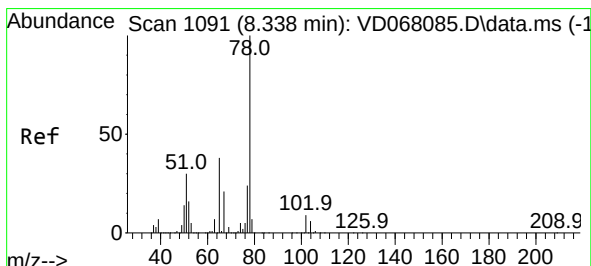
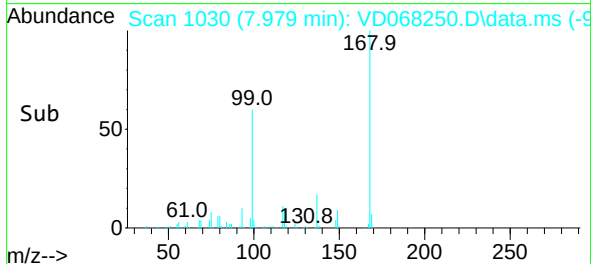
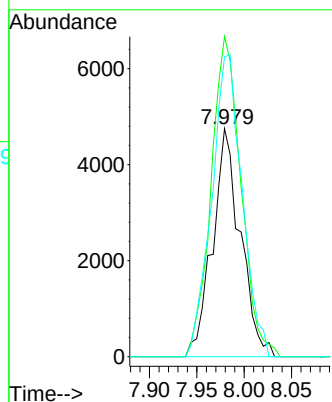
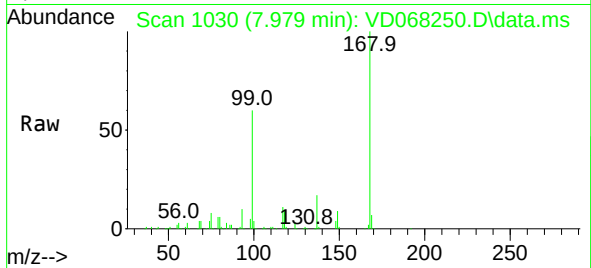




#31
Cyclohexane
Concen: 1.16 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.011 min
Lab File: VD068250.D
Acq: 29 Jan 2021 19:59

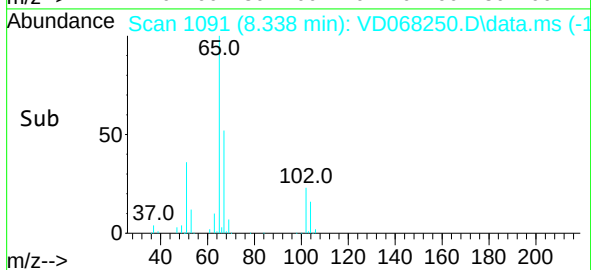
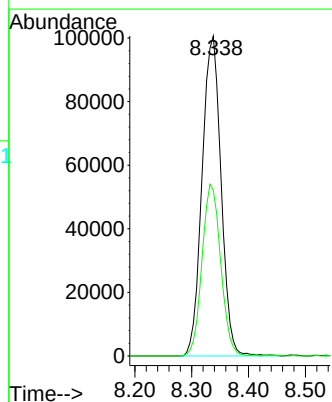
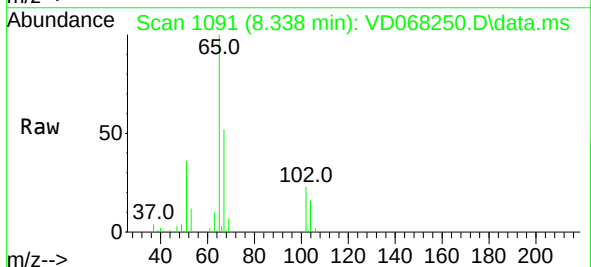
Instrument :
MSVOA_D
ClientSampleId :

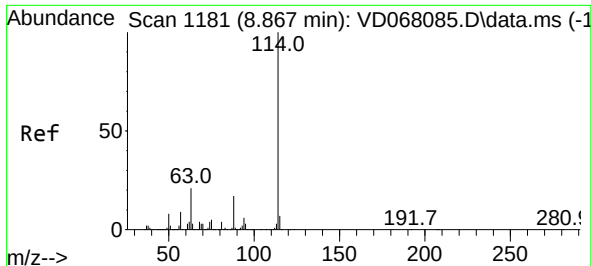
Tgt Ion: 56 Resp: 9711
Ion Ratio Lower Upper
56 100
69 140.4 30.1 45.1#
84 131.6 82.1 123.1#



#33
1,2-Dichloroethane-d4
Concen: 60.37 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD068250.D
Acq: 29 Jan 2021 19:59

Tgt Ion: 65 Resp: 233354
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.0

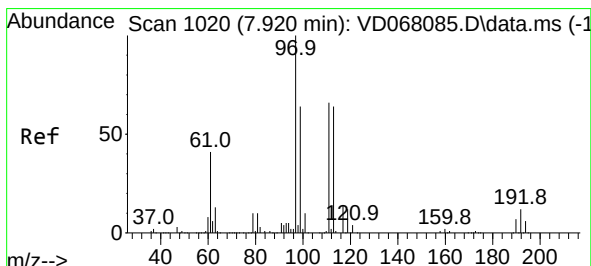
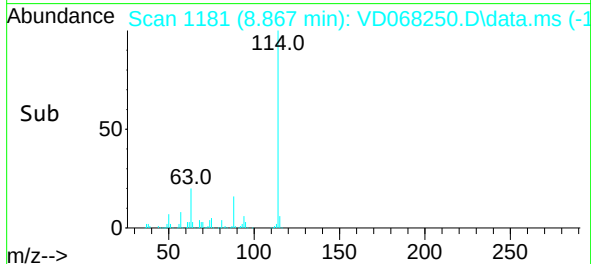
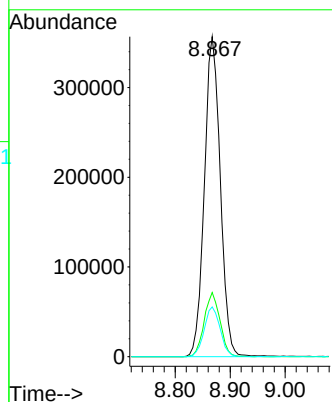
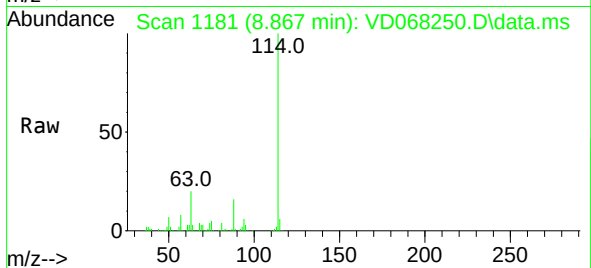




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068250.D
Acq: 29 Jan 2021 19:59

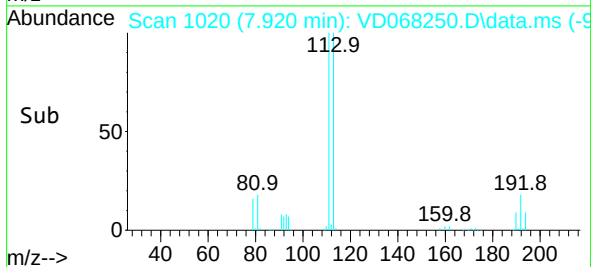
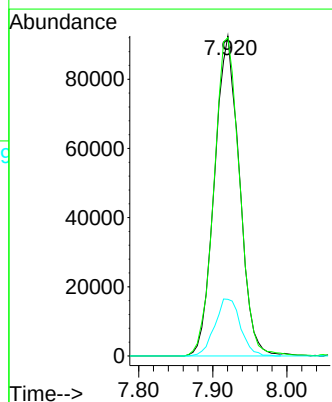
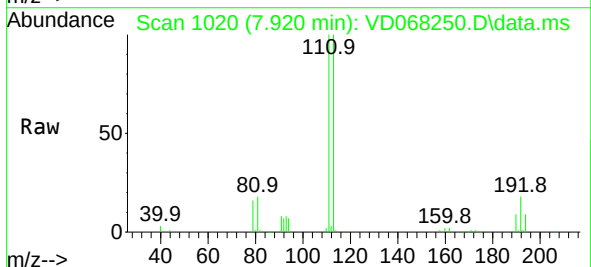
Instrument :
MSVOA_D
ClientSampleId :

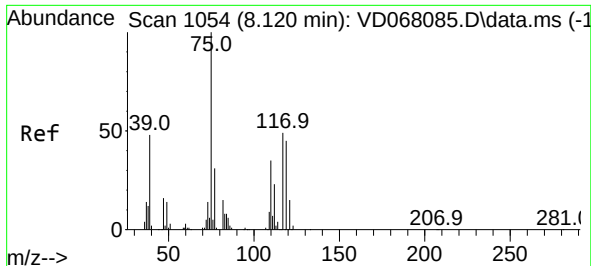
Tgt Ion:114 Resp: 718337
Ion Ratio Lower Upper
114 100
63 20.1 0.0 34.8
88 15.5 0.0 31.6



#35
Dibromofluoromethane
Concen: 54.45 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068250.D
Acq: 29 Jan 2021 19:59

Tgt Ion:113 Resp: 216227
Ion Ratio Lower Upper
113 100
111 102.3 81.4 122.0
192 18.3 16.1 24.1

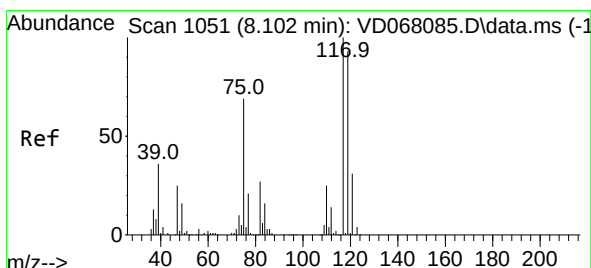
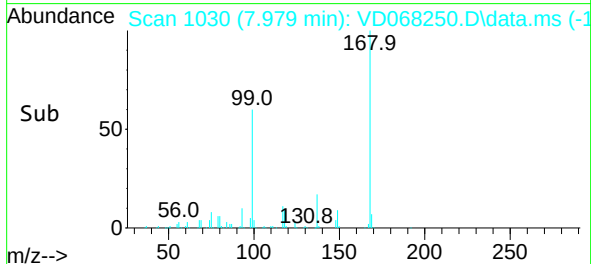
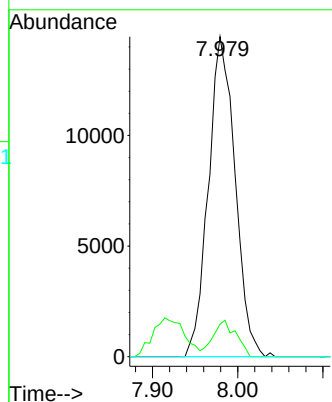
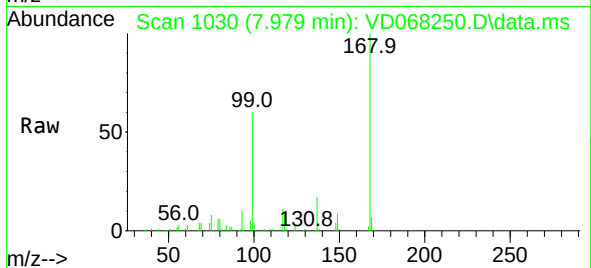




#36
1,1-Dichloropropene
Concen: 4.35 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.141 min
Lab File: VD068250.D
Acq: 29 Jan 2021 19:59

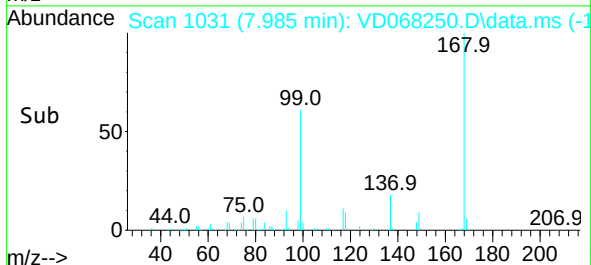
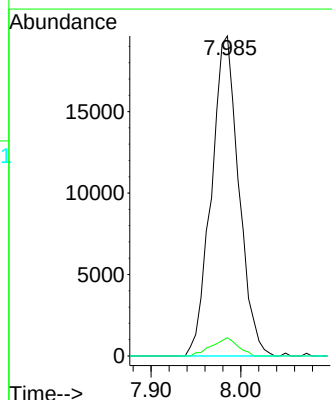
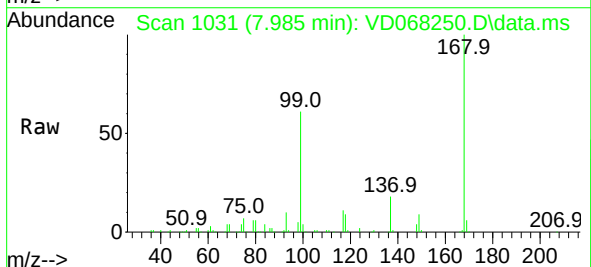
Instrument :
MSVOA_D
ClientSampled :

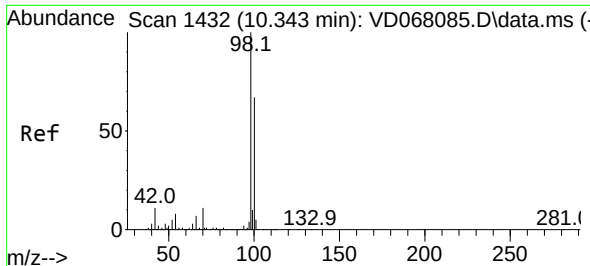
Tgt Ion: 75 Resp: 31536
Ion Ratio Lower Upper
75 100
110 9.8 19.4 58.2#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.15 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.117 min
Lab File: VD068250.D
Acq: 29 Jan 2021 19:59

Tgt Ion: 117 Resp: 41686
Ion Ratio Lower Upper
117 100
119 5.7 77.3 115.9#
121 0.0 24.7 37.1#

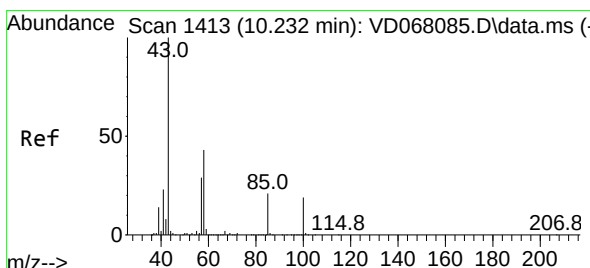
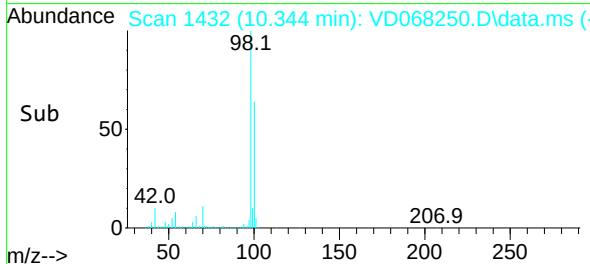
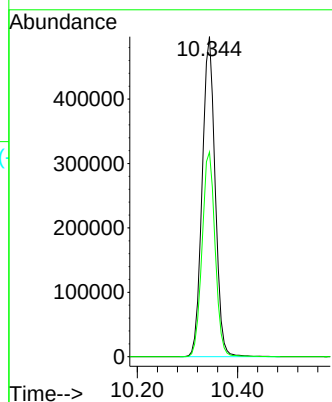
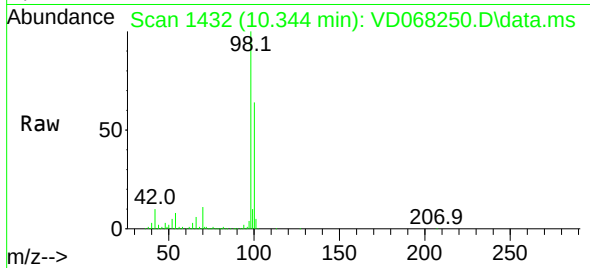




#50
Toluene-d8
Concen: 56.07 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068250.D
Acq: 29 Jan 2021 19:59

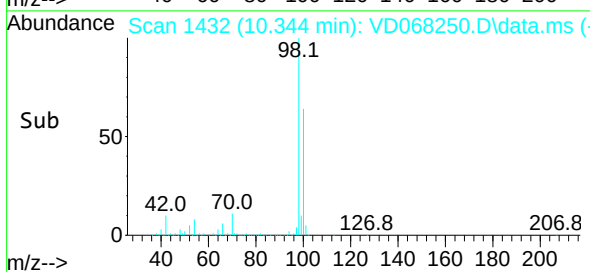
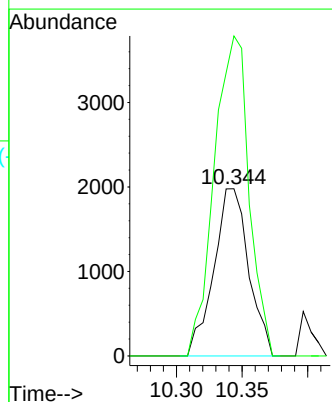
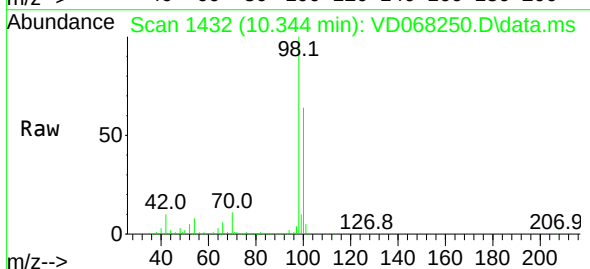
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ClientSampled :

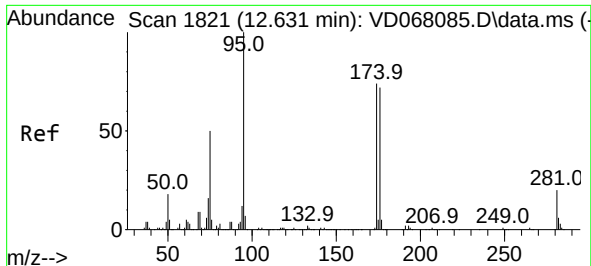
Tgt Ion: 98 Resp: 890736
Ion Ratio Lower Upper
98 100
100 64.5 53.0 79.4



#51
4-Methyl-2-Pentanone
Concen: 1.47 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.112 min
Lab File: VD068250.D
Acq: 29 Jan 2021 19:59

Tgt Ion: 43 Resp: 3656
Ion Ratio Lower Upper
43 100
58 191.1 36.1 54.1#

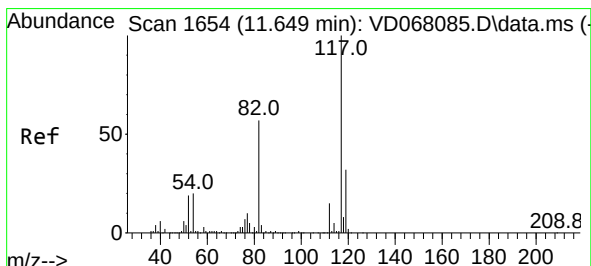
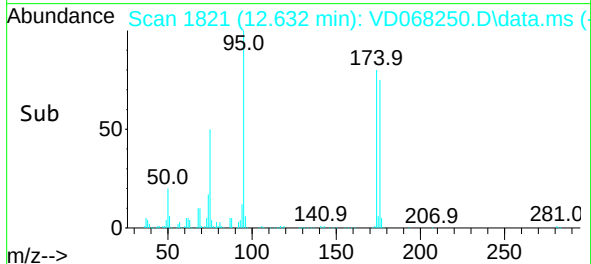
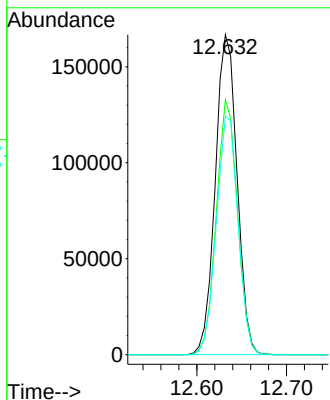
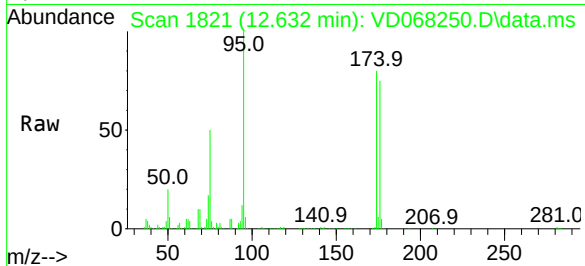




#62
4-Bromofluorobenzene
Concen: 49.12 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068250.D
Acq: 29 Jan 2021 19:59

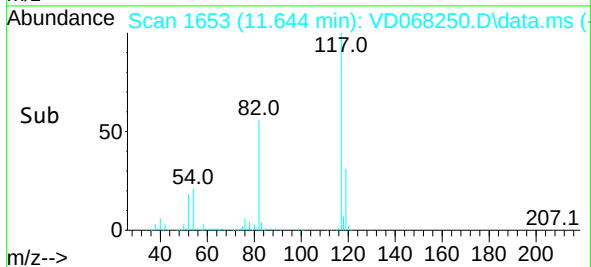
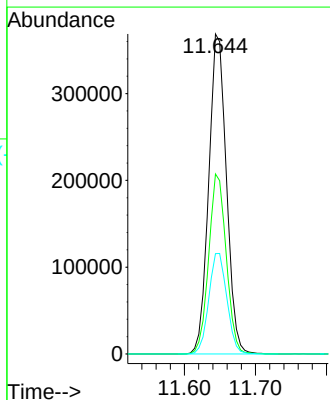
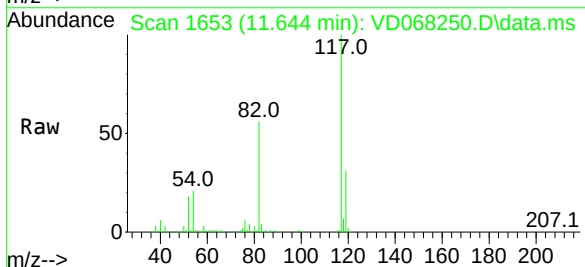
Instrument :
MSVOA_D
ClientSampleId :

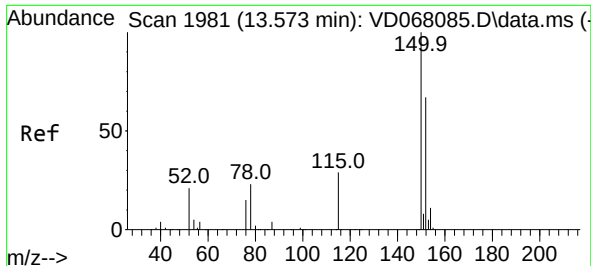
Tgt Ion: 95 Resp: 281006
Ion Ratio Lower Upper
95 100
174 77.7 0.0 172.4
176 74.4 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.005 min
Lab File: VD068250.D
Acq: 29 Jan 2021 19:59

Tgt Ion: 117 Resp: 637912
Ion Ratio Lower Upper
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82 56.3 41.4 62.0
119 31.4 26.1 39.1

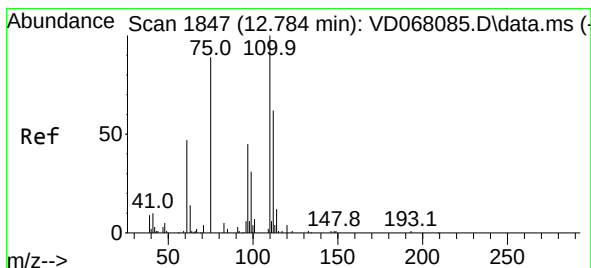
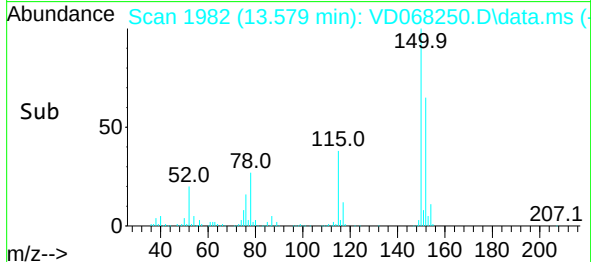
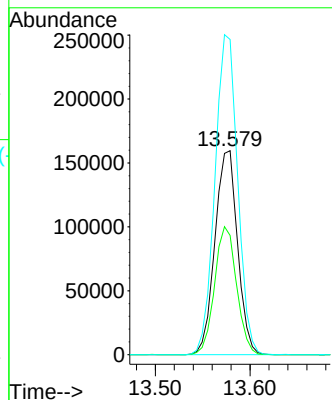
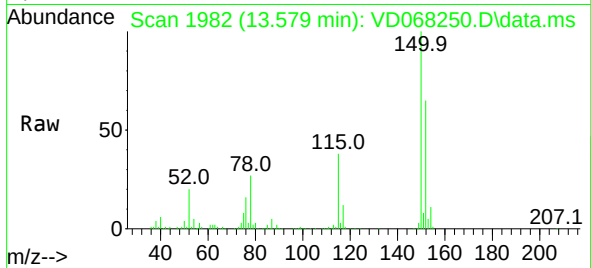




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VD068250.D
Acq: 29 Jan 2021 19:59

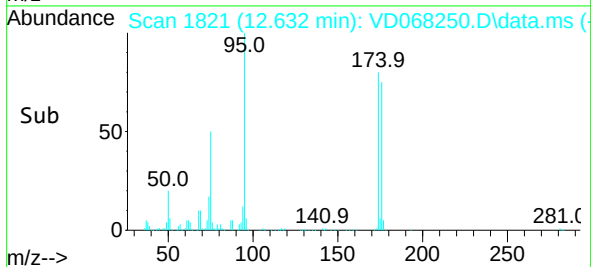
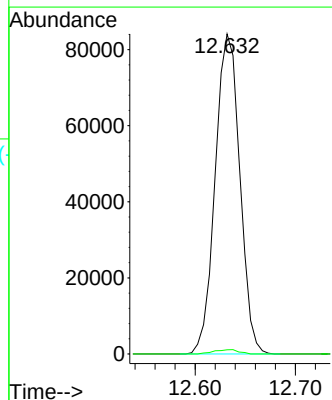
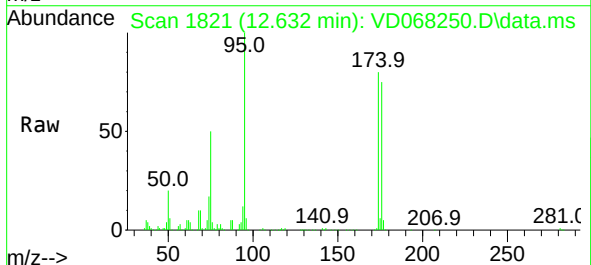
Instrument :
MSVOA_D
ClientSampleId :

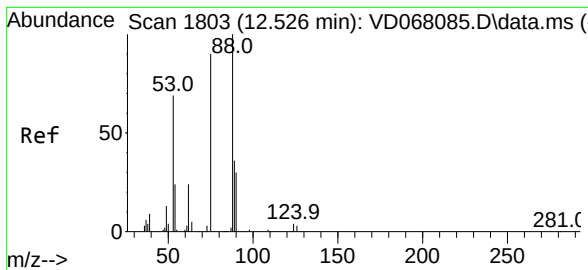
Tgt Ion:152 Resp: 265085
Ion Ratio Lower Upper
152 100
115 61.0 28.9 86.8
150 157.4 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 55.95 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068250.D
Acq: 29 Jan 2021 19:59

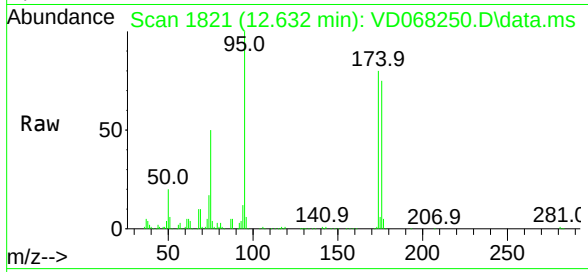
Tgt Ion: 75 Resp: 143416
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 113.23 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068250.D
 Acq: 29 Jan 2021 19:59

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 143416
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.0 40.3 60.5#

