

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020821\
 Data File : VD068312.D
 Acq On : 08 Feb 2021 11:47
 Operator : VA/SY
 Sample : VD0208SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 09 00:13:11 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)

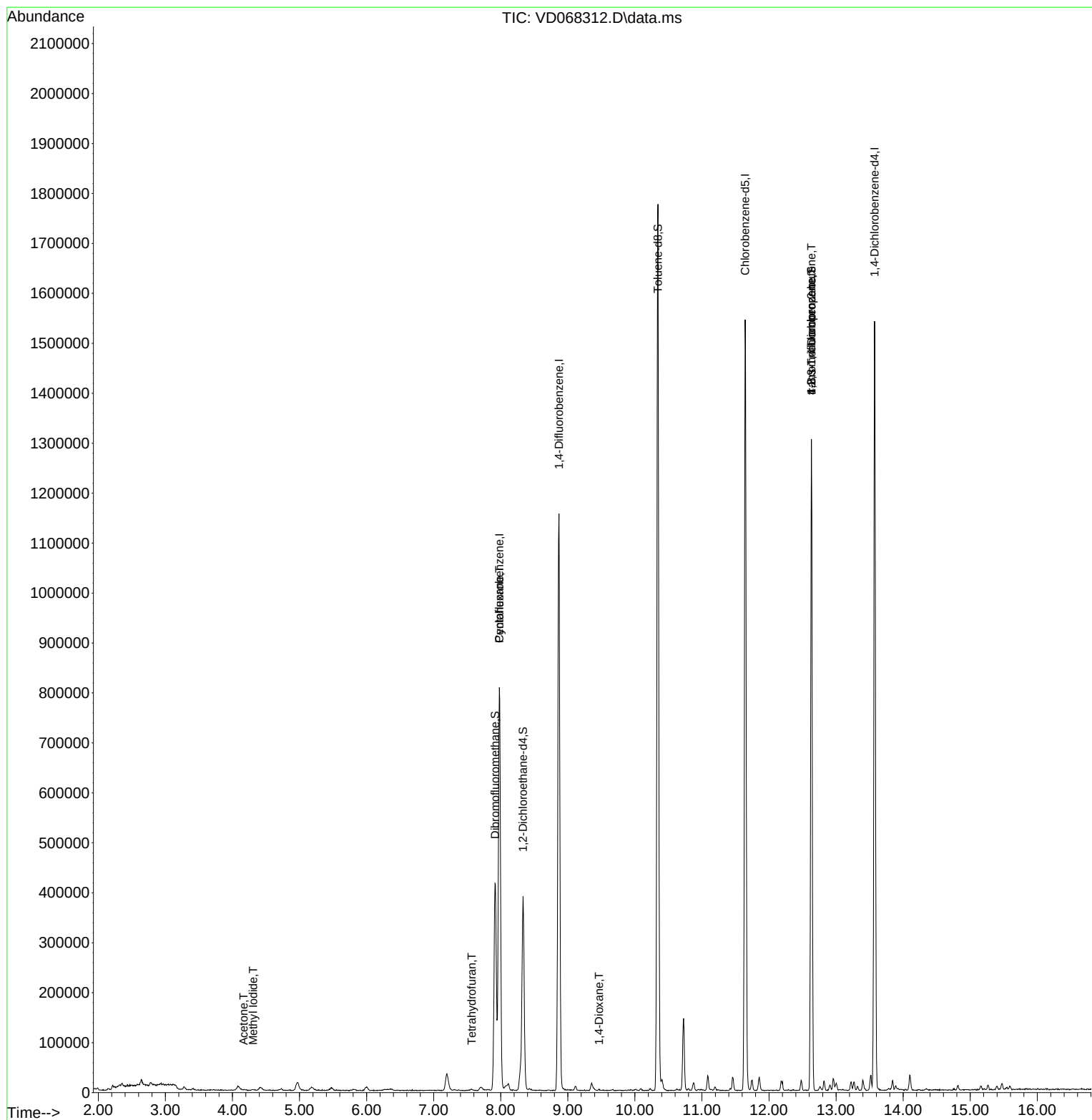
Internal Standards						
1) Pentafluorobenzene	7.979	168	614366	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	1055940	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	937849	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	418531	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	304466	51.81	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.62%			
35) Dibromofluoromethane	7.914	113	311949	53.44	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.88%			
50) Toluene-d8	10.344	98	1274932	54.60	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.20%			
62) 4-Bromofluorobenzene	12.632	95	417580	49.66	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.32%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.309	142	2556	3.48	ug/l #	77
11) Tert butyl alcohol	5.173	59	6352	Below Cal	#	74
16) Acetone	4.168	43	3329	3.17	ug/l #	85
20) Methylene Chloride	4.973	84	12719	Below Cal		95
29) Tetrahydrofuran	7.567	42	1107	1.08	ug/l #	72
31) Cyclohexane	7.979	56	17658	1.39	ug/l #	40
49) 1,4-Dioxane	9.467	88	70	1.62	ug/l #	14
76) 1,2,3-Trichloropropane	12.632	75	208865	51.61	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	208865	104.44	ug/l #	13

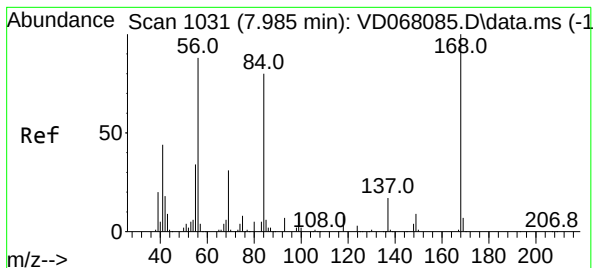
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

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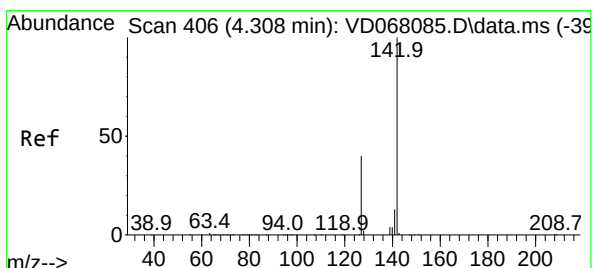
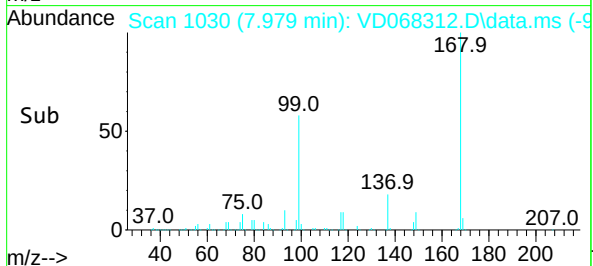
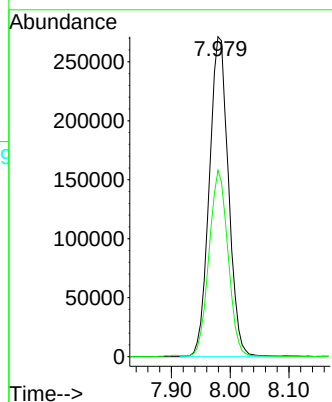
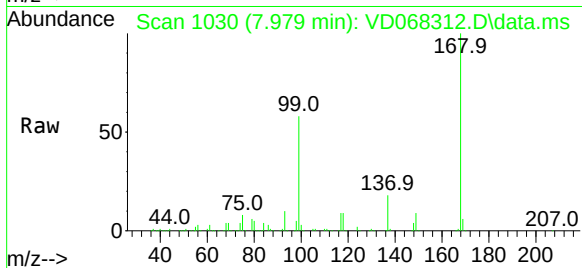




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068312.D
Acq: 08 Feb 2021 11:47

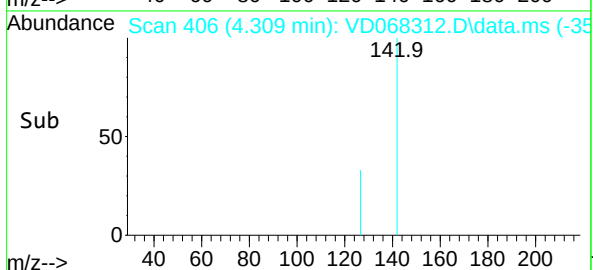
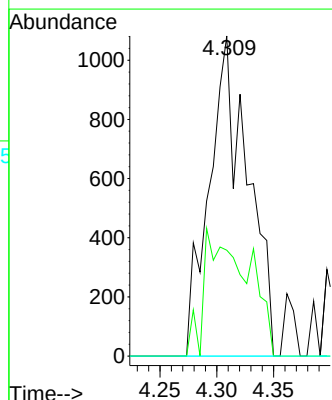
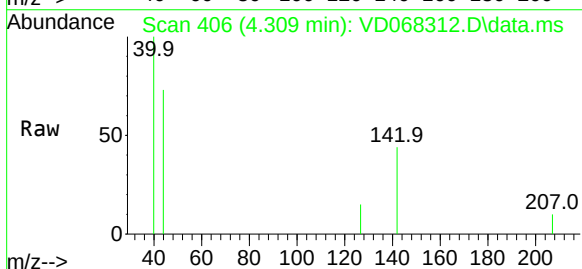
Instrument :
MSVOA_D
ClientSampled :

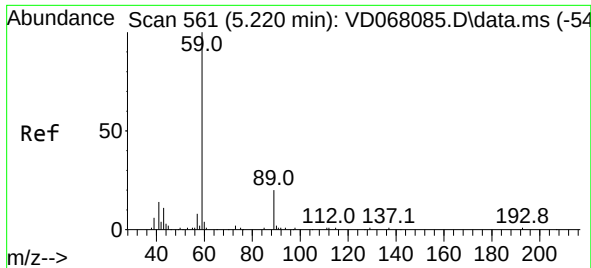
Tgt Ion:168 Resp: 614366
Ion Ratio Lower Upper
168 100
99 58.1 43.5 65.3



#10
Methyl Iodide
Concen: 3.48 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.001 min
Lab File: VD068312.D
Acq: 08 Feb 2021 11:47

Tgt Ion:142 Resp: 2556
Ion Ratio Lower Upper
142 100
127 34.4 37.9 56.9#
141 0.0 11.5 17.3#

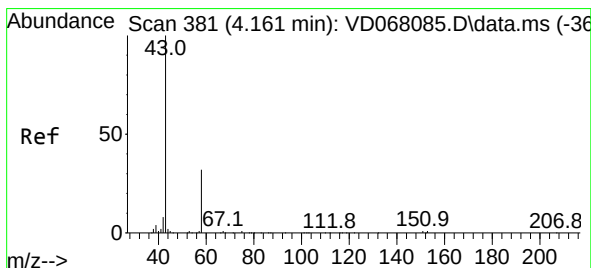
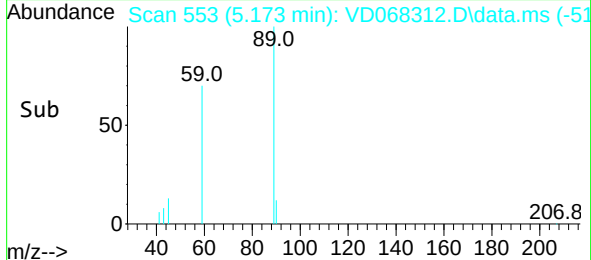
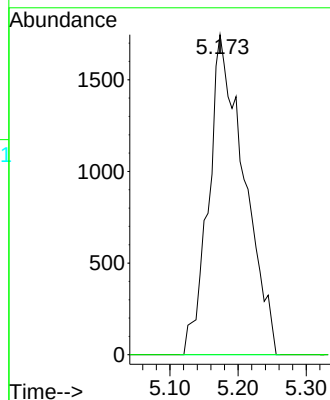
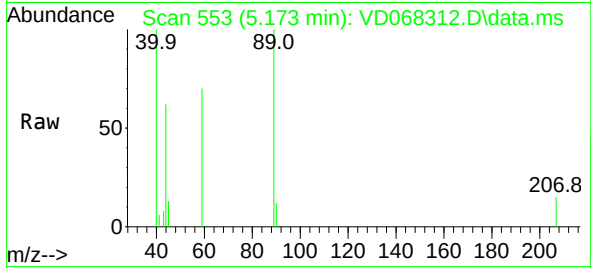




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.173 min Scan# 553
Delta R.T. -0.047 min
Lab File: VD068312.D
Acq: 08 Feb 2021 11:47

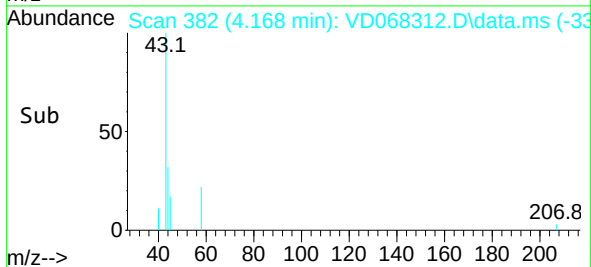
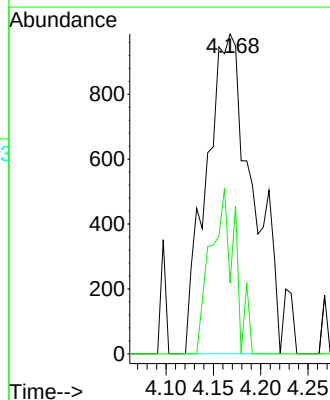
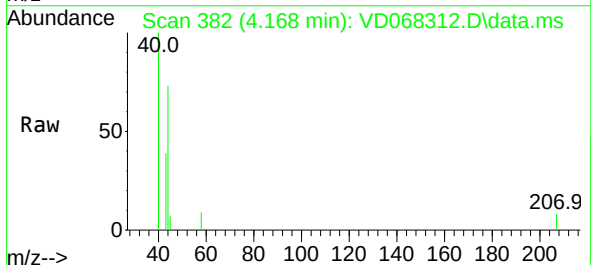
Instrument :
MSVOA_D
ClientSampleId :

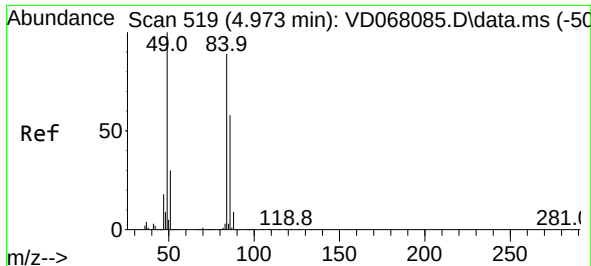
Tgt Ion: 59 Resp: 6352
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16
Acetone
Concen: 3.17 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068312.D
Acq: 08 Feb 2021 11:47

Tgt Ion: 43 Resp: 3329
Ion Ratio Lower Upper
43 100
58 22.1 24.2 36.4#

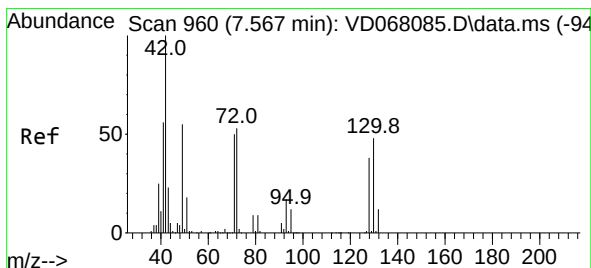
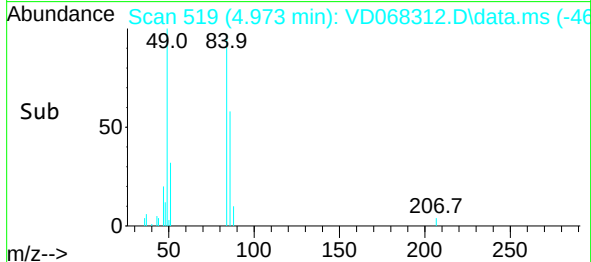
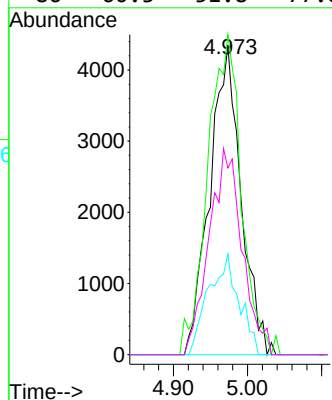
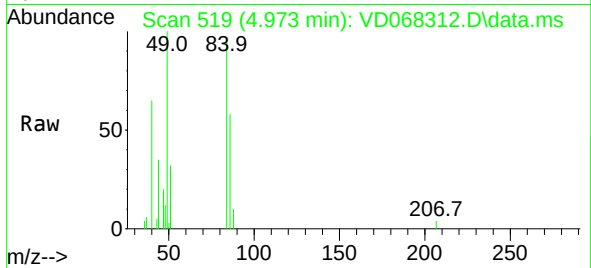




#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068312.D
Acq: 08 Feb 2021 11:47

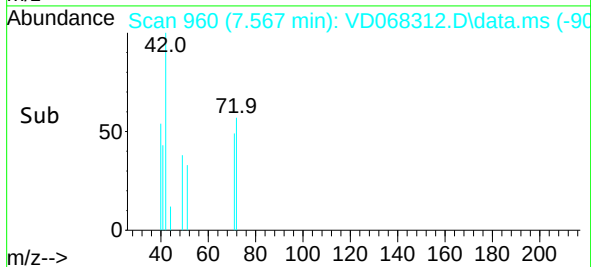
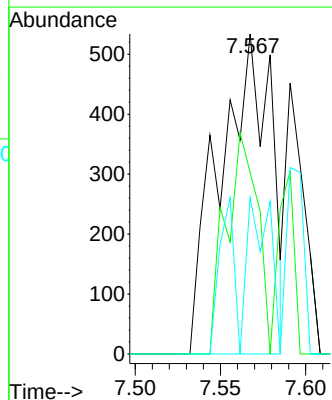
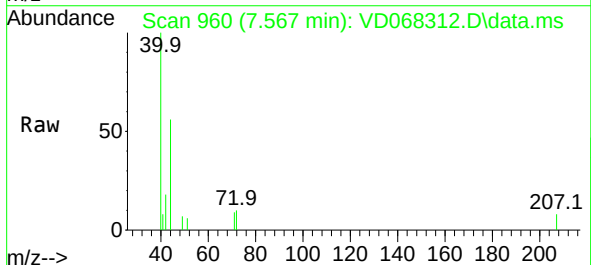
Instrument :
MSVOA_D
ClientSampleId :

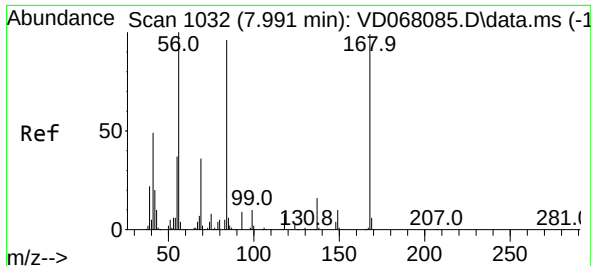
Tgt Ion:	84	Resp:	12719
Ion	Ratio	Lower	Upper
84	100		
49	103.4	77.4	116.2
51	32.6	26.1	39.1
86	60.3	51.8	77.8



#29
Tetrahydrofuran
Concen: 1.08 ug/l
RT: 7.567 min Scan# 960
Delta R.T. 0.000 min
Lab File: VD068312.D
Acq: 08 Feb 2021 11:47

Tgt Ion:	42	Resp:	1107
Ion	Ratio	Lower	Upper
42	100		
72	42.8	43.4	65.0#
71	21.9	40.8	61.2#

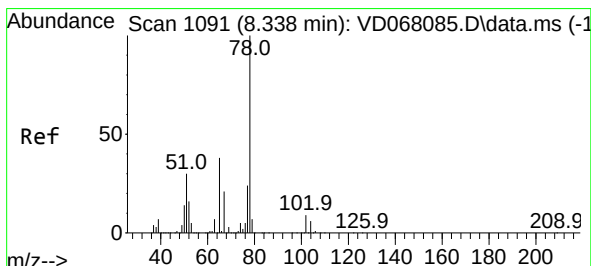
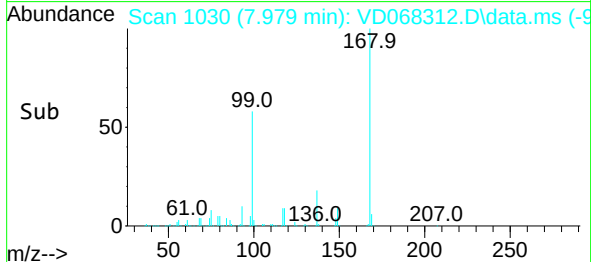
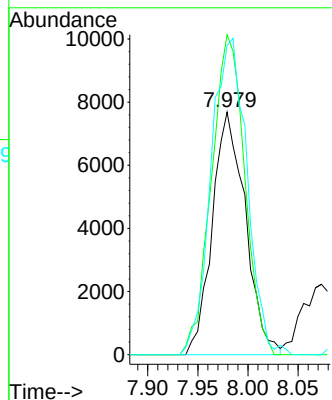
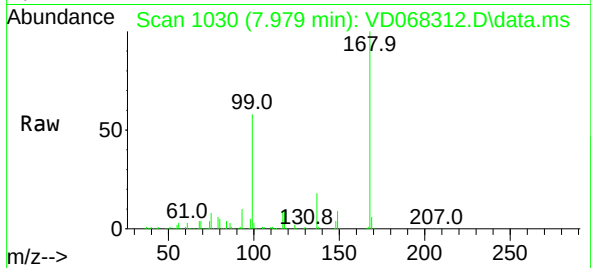




#31
Cyclohexane
Concen: 1.39 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.011 min
Lab File: VD068312.D
Acq: 08 Feb 2021 11:47

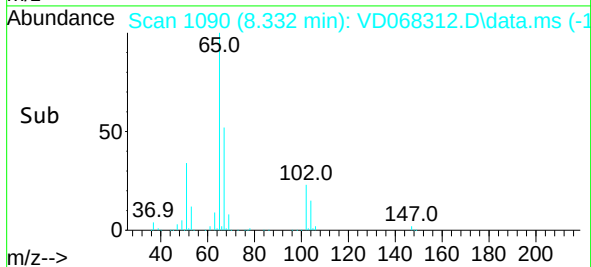
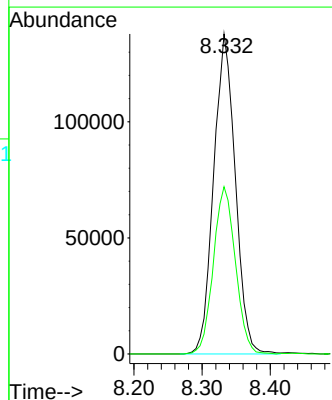
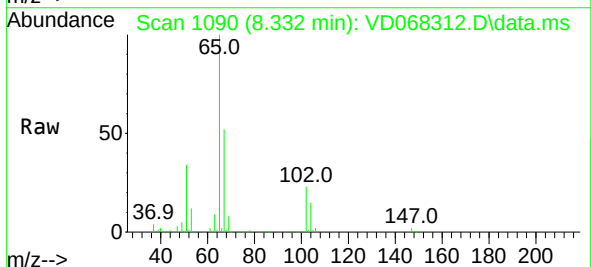
Instrument :
MSVOA_D
ClientSampleId :

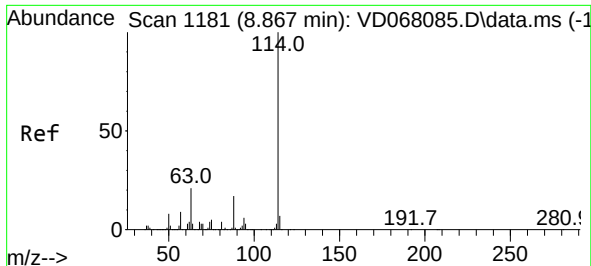
Tgt Ion: 56 Resp: 17658
Ion Ratio Lower Upper
56 100
69 131.9 30.1 45.1#
84 127.4 82.1 123.1#



#33
1,2-Dichloroethane-d4
Concen: 51.81 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068312.D
Acq: 08 Feb 2021 11:47

Tgt Ion: 65 Resp: 304466
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.0

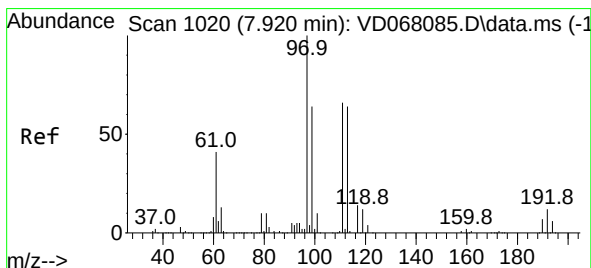
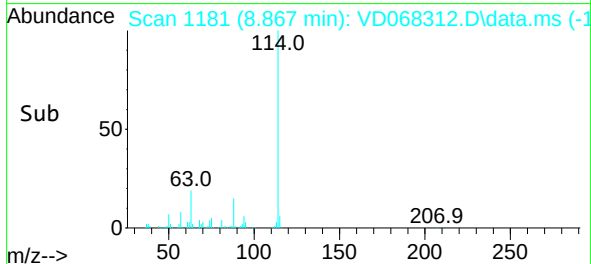
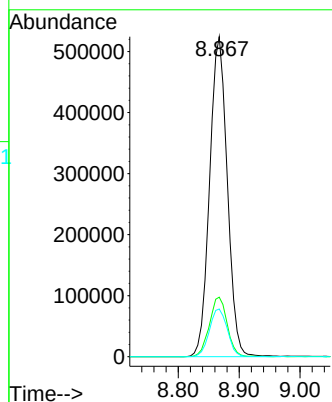
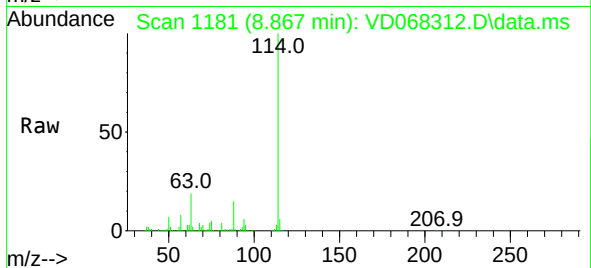




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068312.D
Acq: 08 Feb 2021 11:47

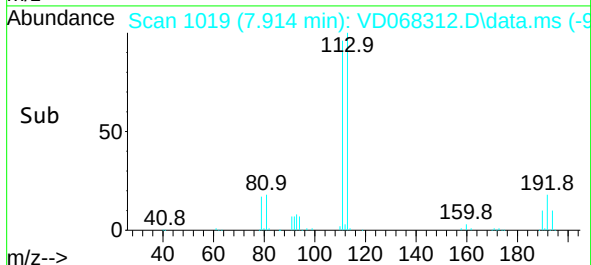
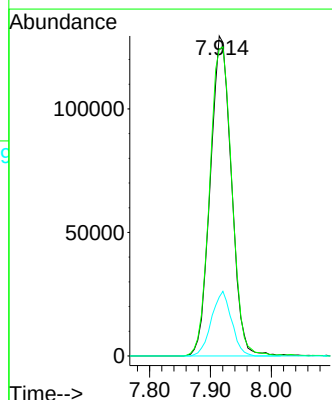
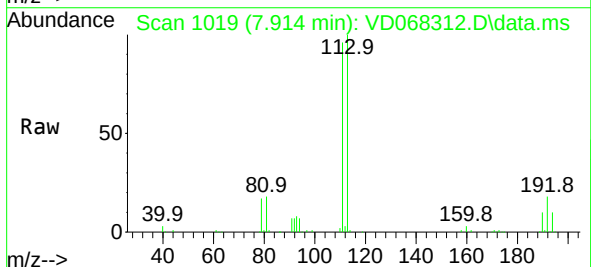
Instrument :
MSVOA_D
ClientSampleId :

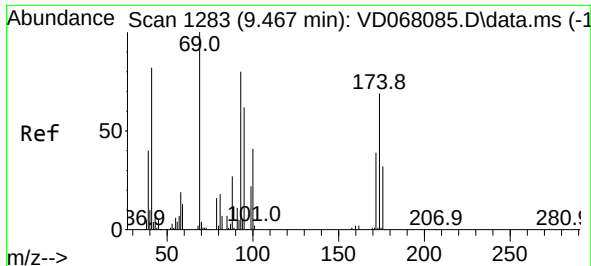
Tgt Ion:114 Resp: 1055940
Ion Ratio Lower Upper
114 100
63 18.6 0.0 34.8
88 14.9 0.0 31.6



#35
Dibromofluoromethane
Concen: 53.44 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068312.D
Acq: 08 Feb 2021 11:47

Tgt Ion:113 Resp: 311949
Ion Ratio Lower Upper
113 100
111 101.5 81.4 122.0
192 19.2 16.1 24.1

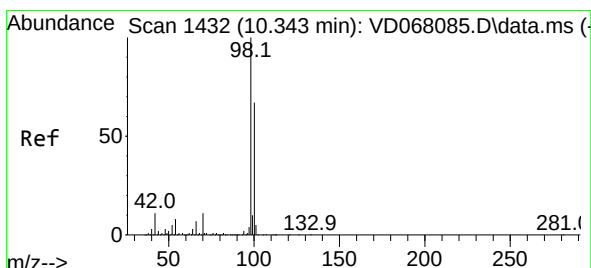
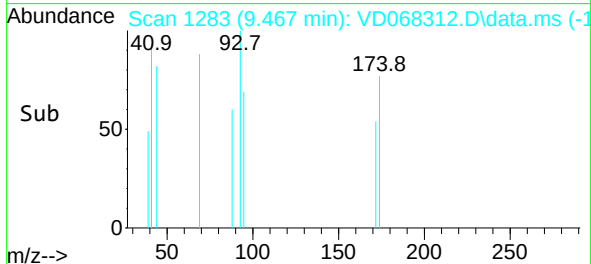
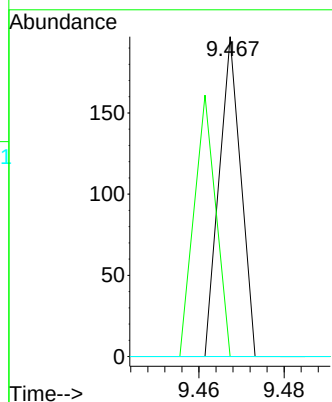
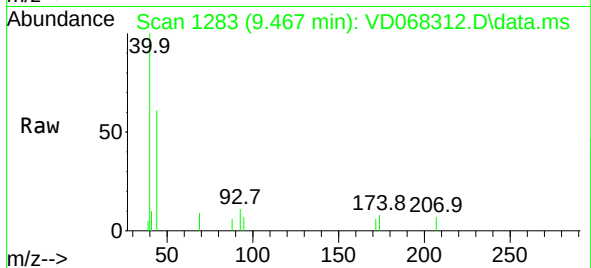




#49
1,4-Dioxane
Concen: 1.62 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. 0.000 min
Lab File: VD068312.D
Acq: 08 Feb 2021 11:47

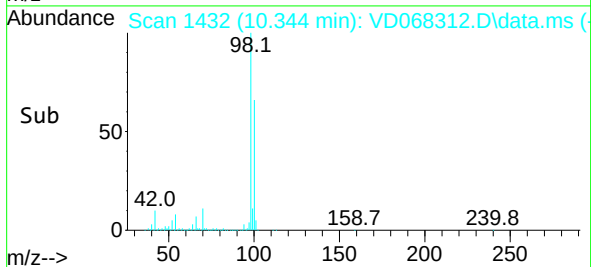
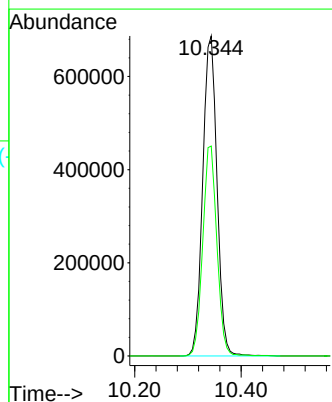
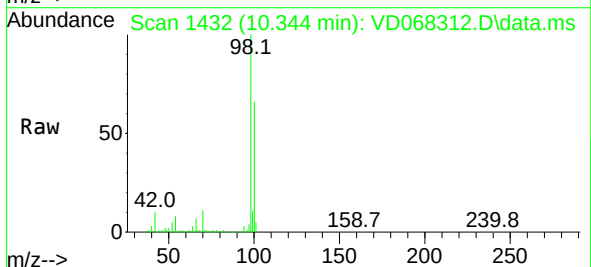
Instrument :
MSVOA_D
ClientSampled :

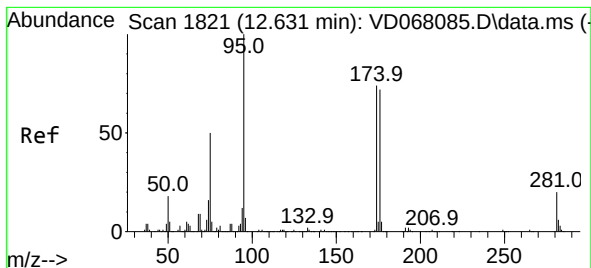
Tgt Ion: 88 Resp: 70
Ion Ratio Lower Upper
88 100
43 81.4 22.1 33.1#
58 0.0 46.7 70.1#



#50
Toluene-d8
Concen: 54.60 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068312.D
Acq: 08 Feb 2021 11:47

Tgt Ion: 98 Resp: 1274932
Ion Ratio Lower Upper
98 100
100 65.1 53.0 79.4

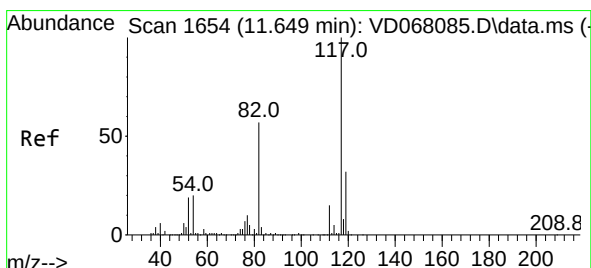
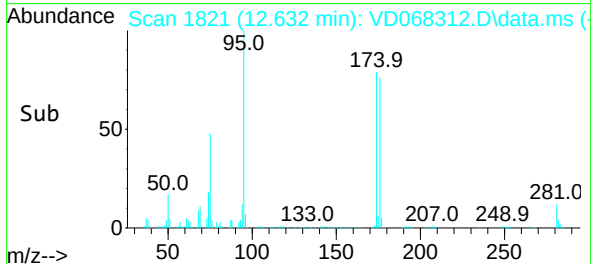
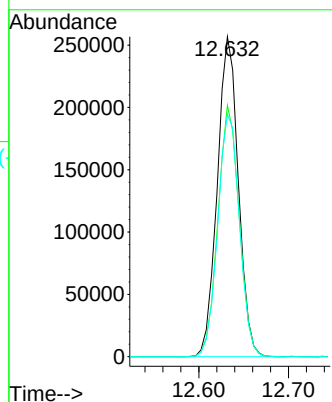
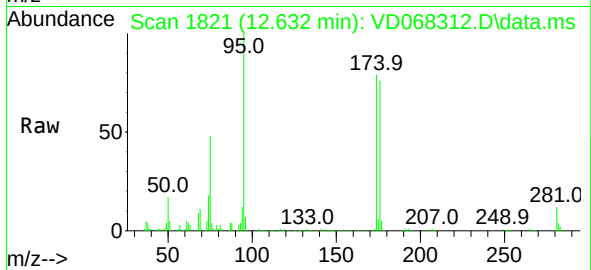




#62
4-Bromofluorobenzene
Concen: 49.66 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068312.D
Acq: 08 Feb 2021 11:47

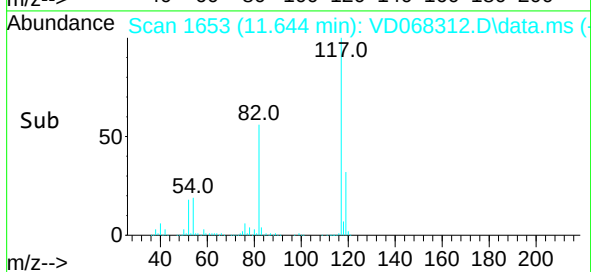
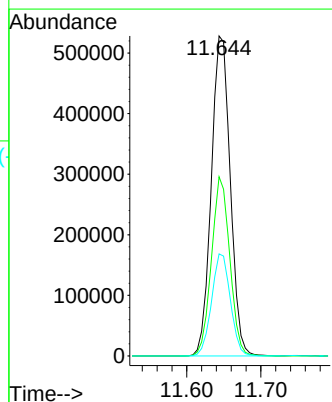
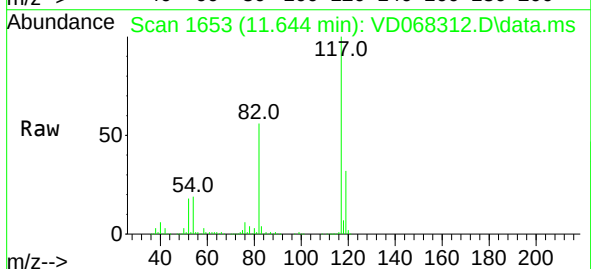
Instrument :
MSVOA_D
ClientSampleId :

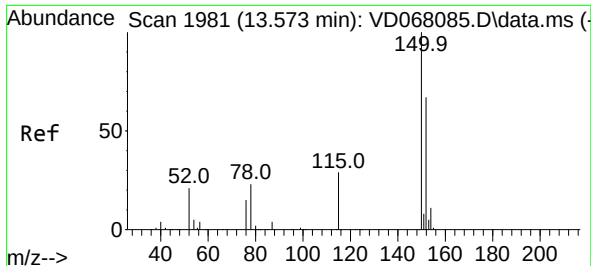
Tgt Ion: 95 Resp: 417580
Ion Ratio Lower Upper
95 100
174 79.3 0.0 172.4
176 78.0 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.005 min
Lab File: VD068312.D
Acq: 08 Feb 2021 11:47

Tgt Ion: 117 Resp: 937849
Ion Ratio Lower Upper
117 100
82 56.0 41.4 62.0
119 31.9 26.1 39.1

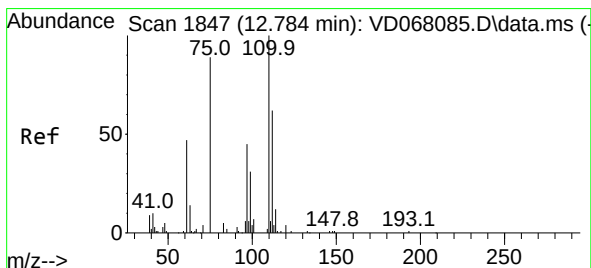
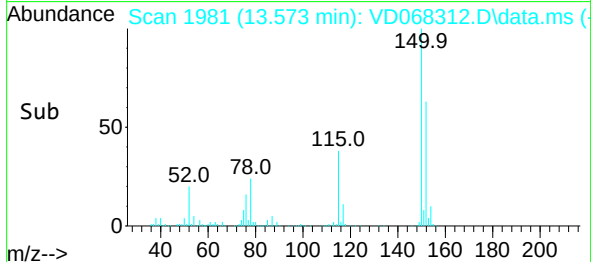
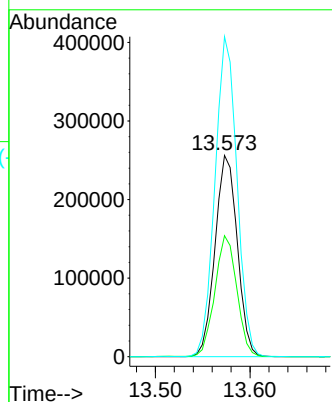
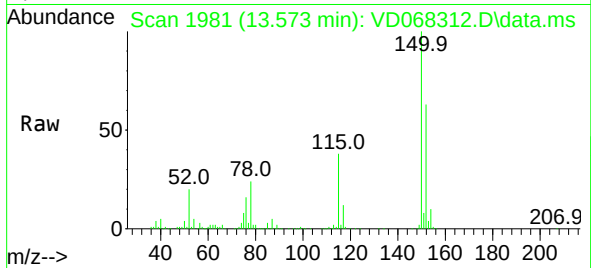




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068312.D
Acq: 08 Feb 2021 11:47

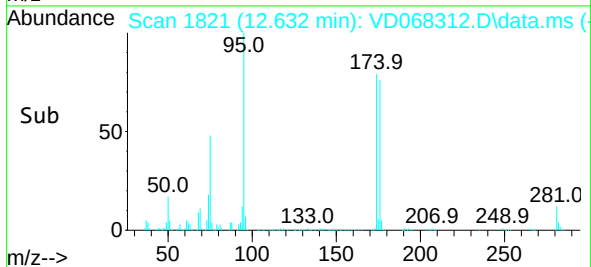
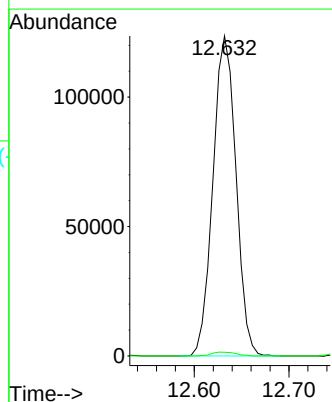
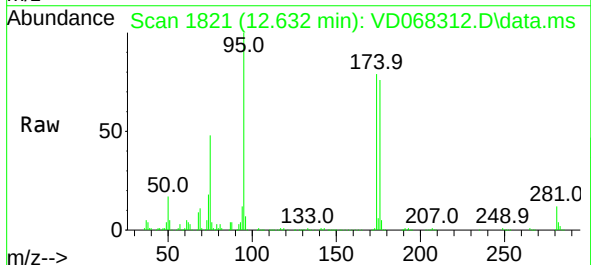
Instrument :
MSVOA_D
ClientSampleId :

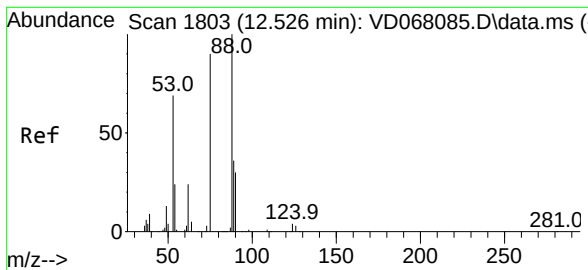
Tgt Ion:152 Resp: 418531
Ion Ratio Lower Upper
152 100
115 59.4 28.9 86.8
150 157.4 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 51.61 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068312.D
Acq: 08 Feb 2021 11:47

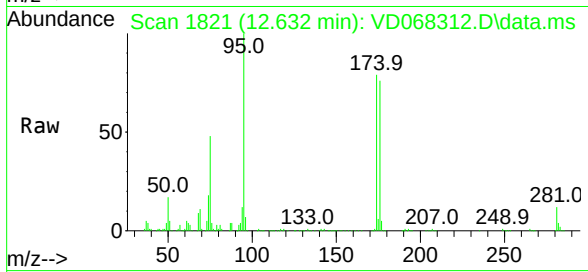
Tgt Ion: 75 Resp: 208865
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 104.44 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068312.D
 Acq: 08 Feb 2021 11:47

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 208865
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.1 40.3 60.5#

