

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042121\
 Data File : VD068935.D
 Acq On : 21 Apr 2021 19:07
 Operator : VA/SY
 Sample : M2106-16
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 22 10:23:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

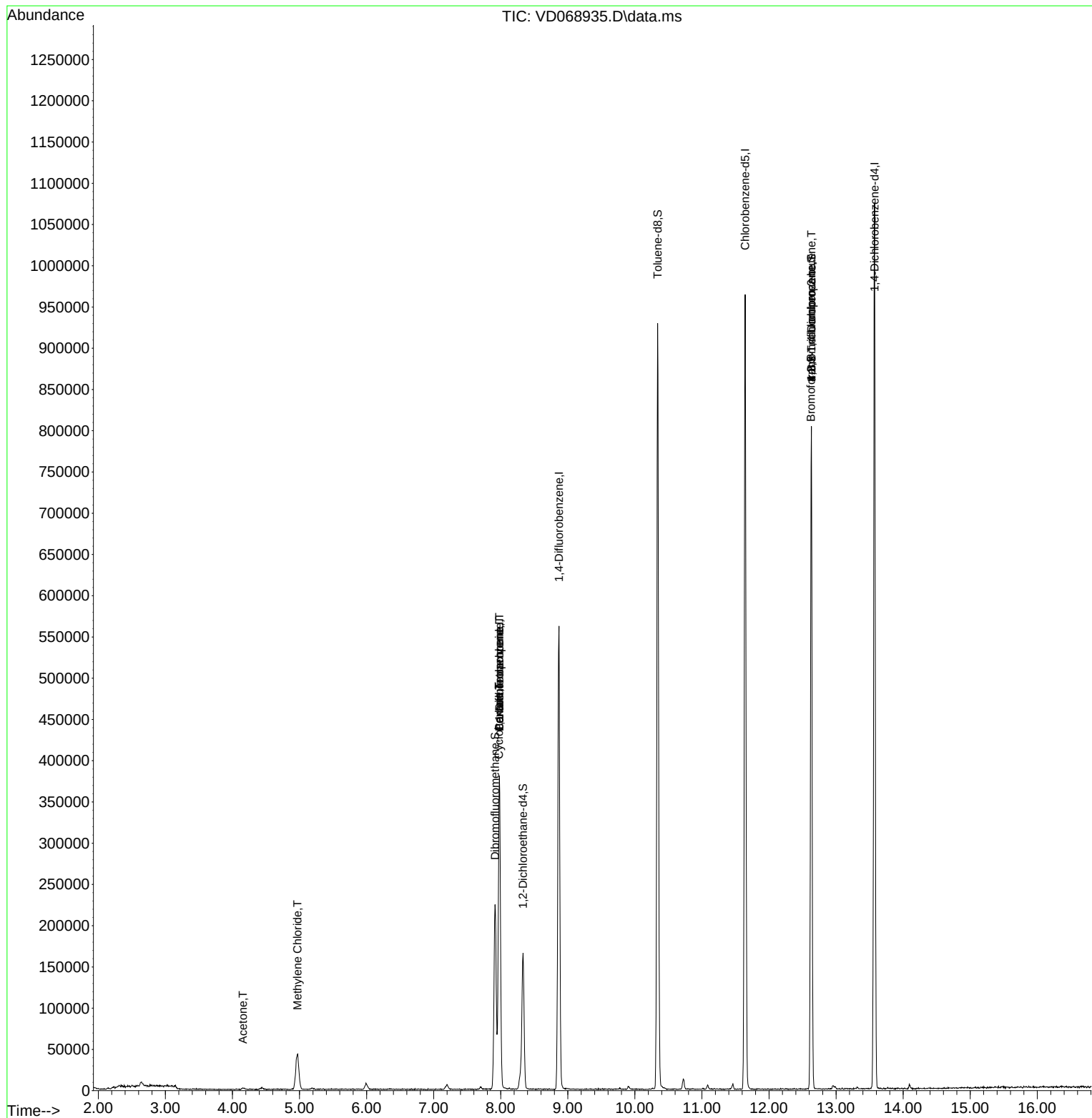
Internal Standards						
1) Pentafluorobenzene	7.979	168	294757	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	508858	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	579889	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	295092	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	126727	40.68	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	81.36%		
35) Dibromofluoromethane	7.914	113	163682	49.45	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.90%		
50) Toluene-d8	10.338	98	648753	51.96	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	103.92%		
62) 4-Bromofluorobenzene	12.632	95	256591	61.88	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	123.76%		
Target Compounds						
11) Tert butyl alcohol	5.220	59	183	Below Cal	#	73
16) Acetone	4.156	43	2928	6.79	ug/l #	87
20) Methylene Chloride	4.968	84	39374	7.14	ug/l	90
31) Cyclohexane	7.973	56	6695	1.29	ug/l #	53
36) 1,1-Dichloropropene	7.979	75	22767	4.42	ug/l #	47
38) Carbon Tetrachloride	7.979	117	28894	5.67	ug/l #	15
71) Bromoform	12.626	173	2874	1.19	ug/l #	29
76) 1,2,3-Trichloropropane	12.632	75	125058	46.39	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	125058	107.66	ug/l #	16

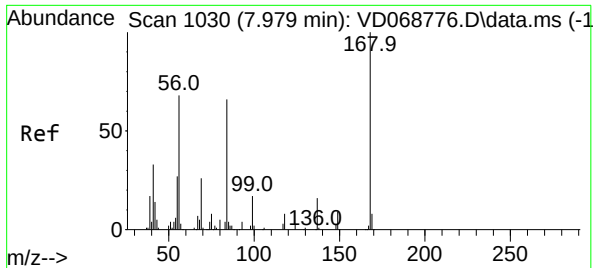
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD068935.D
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MSVOA_D
ClientSampleId :

Quant Time: Apr 22 10:23:59 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

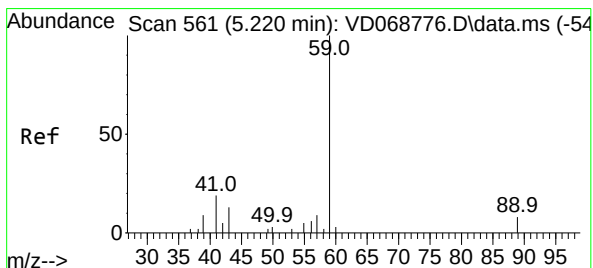
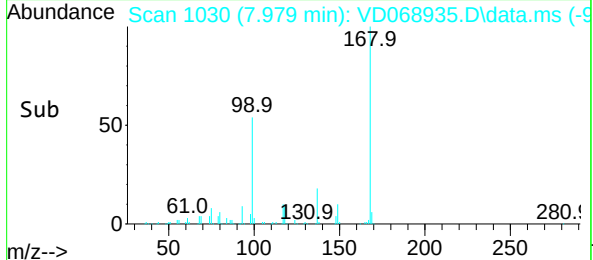
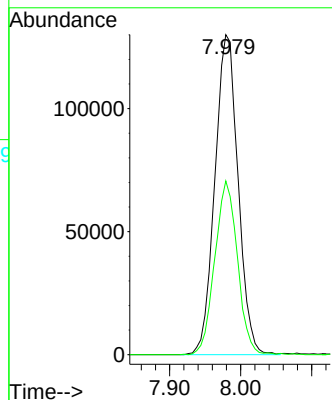
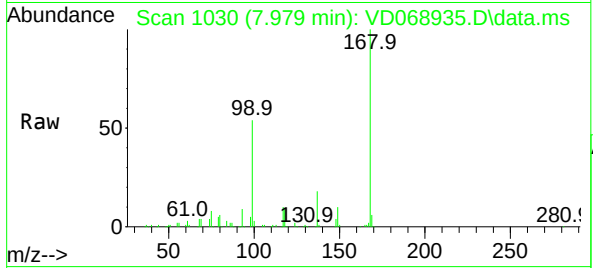




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068935.D
Acq: 21 Apr 2021 19:07

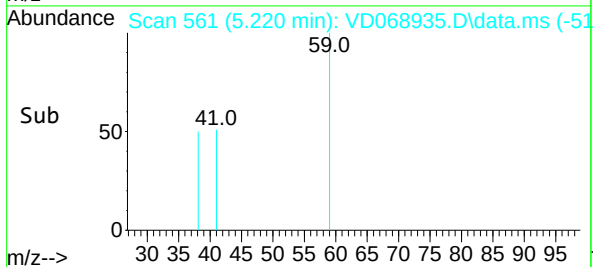
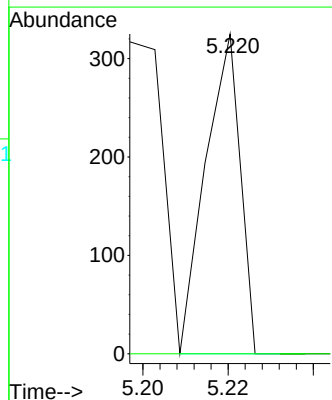
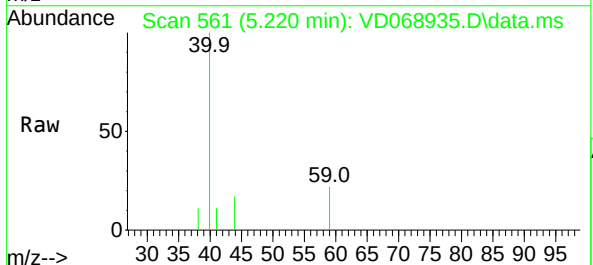
Instrument :
MSVOA_D
ClientSampleId :

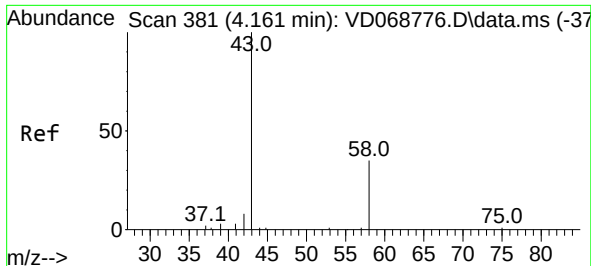
Tgt Ion:168 Resp: 294757
Ion Ratio Lower Upper
168 100
99 54.3 46.2 69.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.220 min Scan# 561
Delta R.T. 0.000 min
Lab File: VD068935.D
Acq: 21 Apr 2021 19:07

Tgt Ion: 59 Resp: 183
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

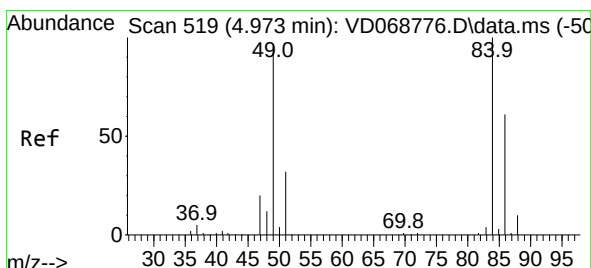
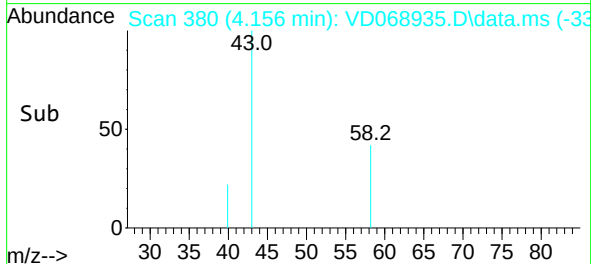
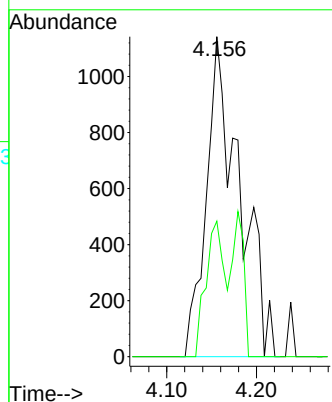
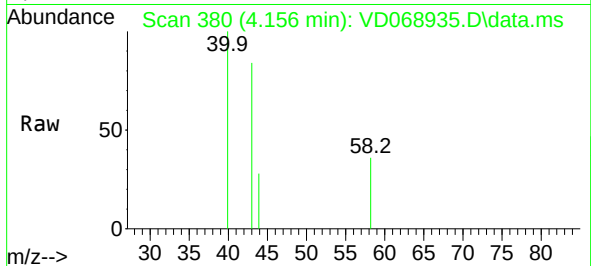




#16
Acetone
Concen: 6.79 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.005 min
Lab File: VD068935.D
Acq: 21 Apr 2021 19:07

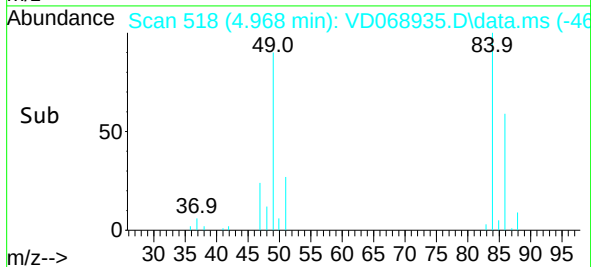
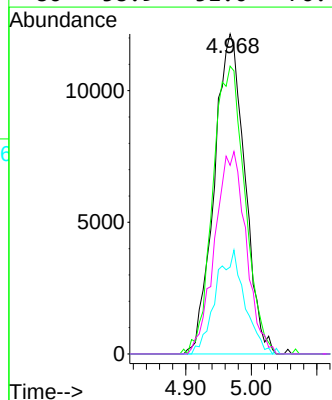
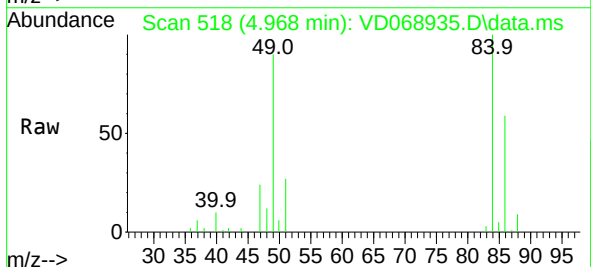
Instrument :
MSVOA_D
ClientSampleId :

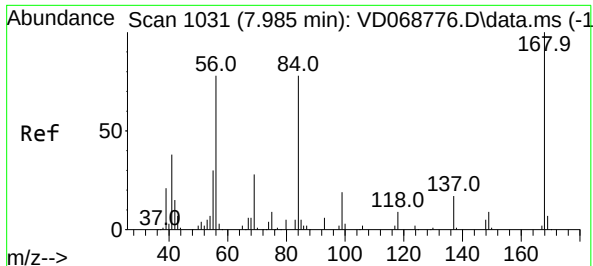
Tgt Ion: 43 Resp: 2928
Ion Ratio Lower Upper
43 100
58 42.4 28.0 42.0#



#20
Methylene Chloride
Concen: 7.14 ug/l
RT: 4.968 min Scan# 518
Delta R.T. -0.005 min
Lab File: VD068935.D
Acq: 21 Apr 2021 19:07

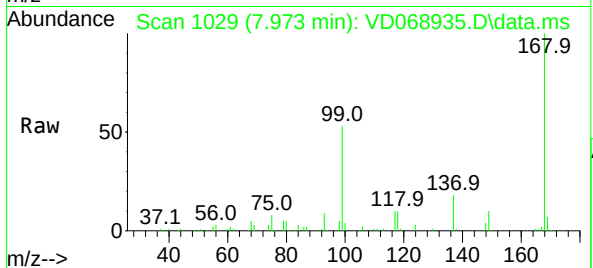
Tgt Ion: 84 Resp: 39374
Ion Ratio Lower Upper
84 100
49 90.0 83.4 125.0
51 27.1 23.4 35.2
86 58.9 51.0 76.4



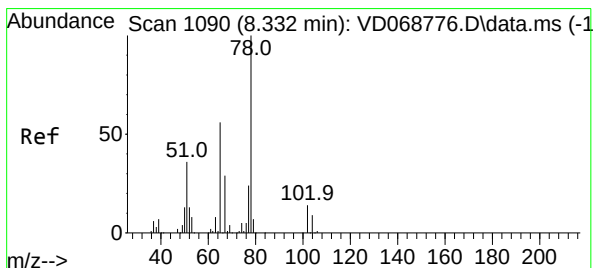
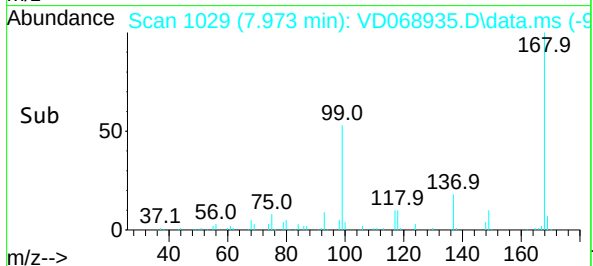
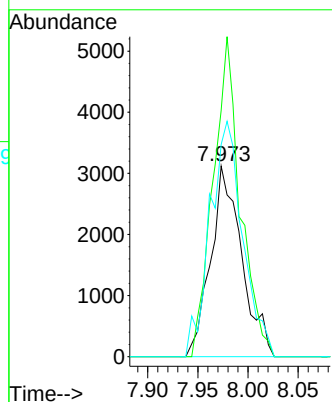


#31
Cyclohexane
Concen: 1.29 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD068935.D
Acq: 21 Apr 2021 19:07

Instrument :
MSVOA_D
ClientSampled :

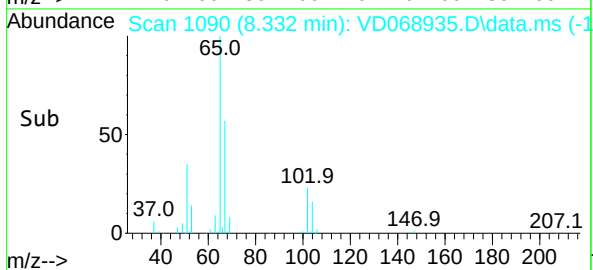
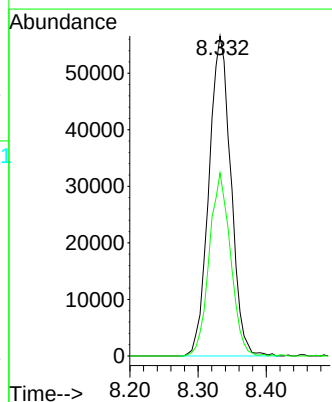
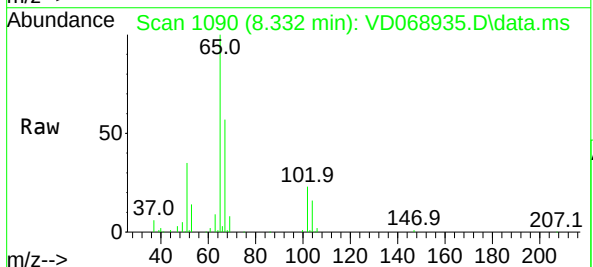


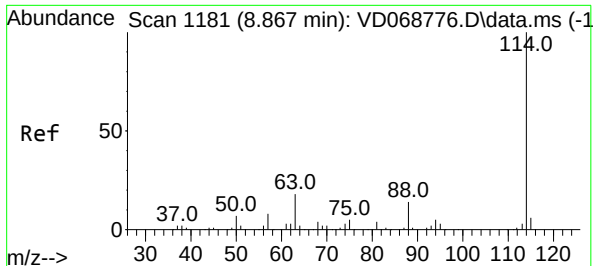
Tgt Ion: 56 Resp: 6695
Ion Ratio Lower Upper
56 100
69 129.2 30.0 45.0#
84 111.3 82.0 123.0



#33
1,2-Dichloroethane-d4
Concen: 40.68 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068935.D
Acq: 21 Apr 2021 19:07

Tgt Ion: 65 Resp: 126727
Ion Ratio Lower Upper
65 100
67 55.3 0.0 106.0

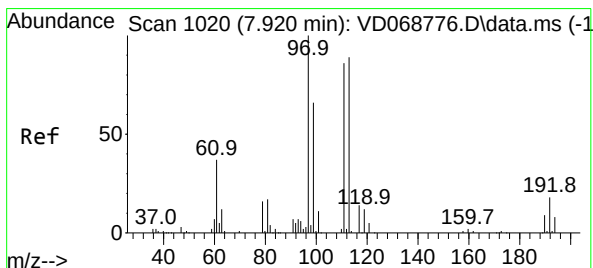
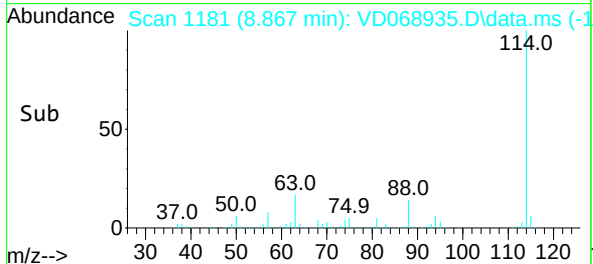
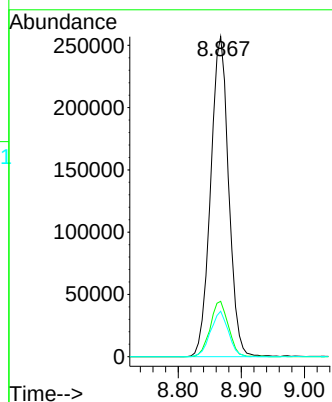
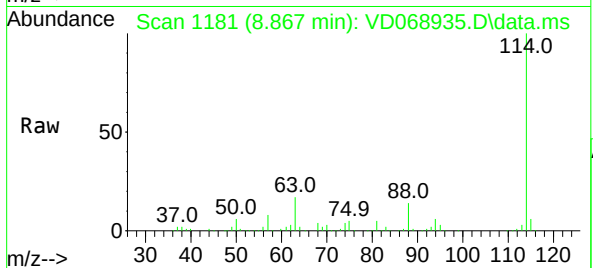




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068935.D
Acq: 21 Apr 2021 19:07

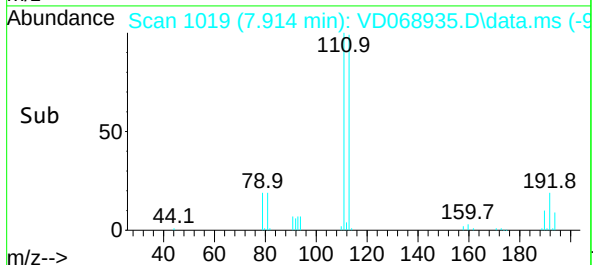
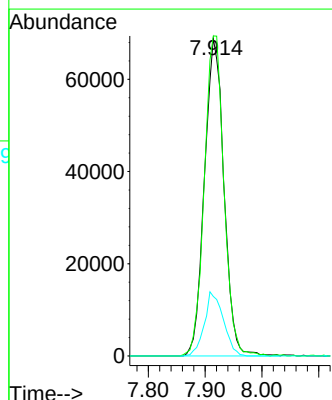
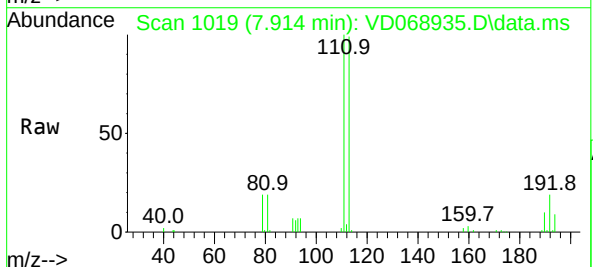
Instrument :
MSVOA_D
ClientSampled :

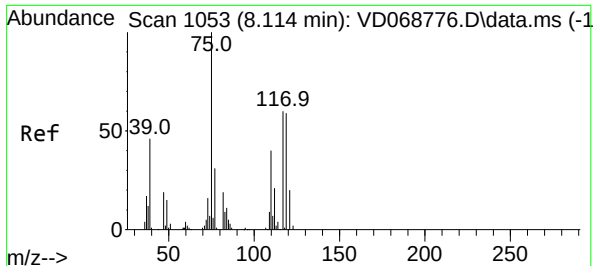
Tgt Ion:114 Resp: 508858
Ion Ratio Lower Upper
114 100
63 17.3 0.0 38.2
88 14.2 0.0 29.4



#35
Dibromofluoromethane
Concen: 49.45 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068935.D
Acq: 21 Apr 2021 19:07

Tgt Ion:113 Resp: 163682
Ion Ratio Lower Upper
113 100
111 101.5 82.5 123.7
192 19.7 15.1 22.7



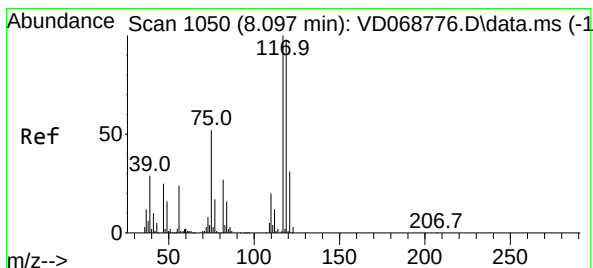
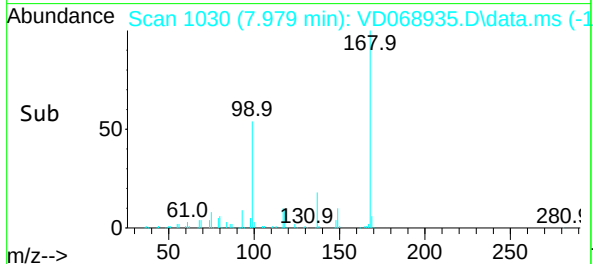
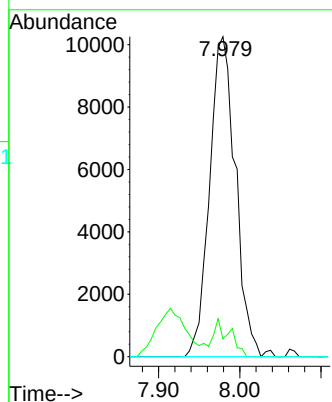
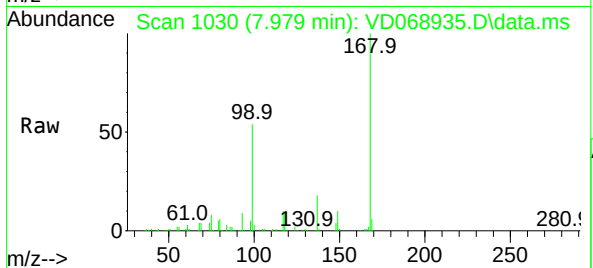


#36

1,1-Dichloropropene
Concen: 4.42 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068935.D
Acq: 21 Apr 2021 19:07

Instrument :
MSVOA_D
ClientSampleId :

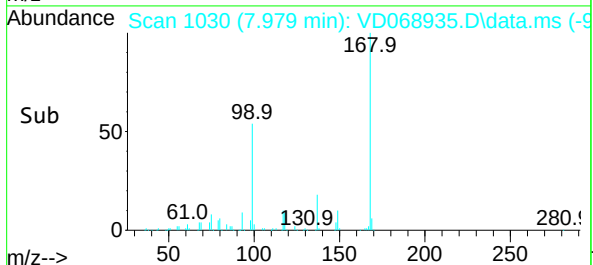
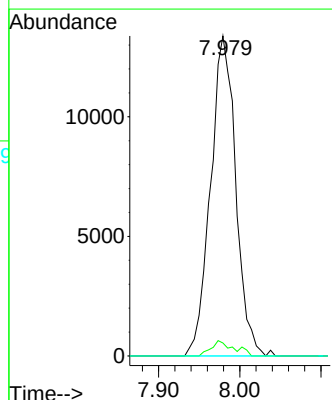
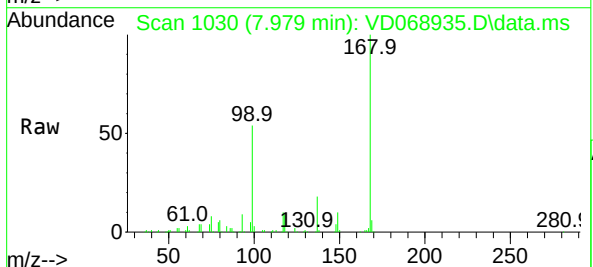
Tgt Ion: 75 Resp: 22767
Ion Ratio Lower Upper
75 100
110 7.2 18.1 54.4#
77 0.0 24.7 37.1#

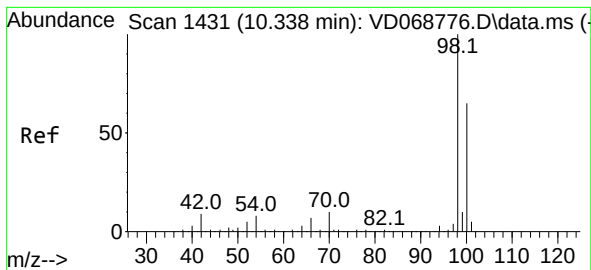


#38

Carbon Tetrachloride
Concen: 5.67 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068935.D
Acq: 21 Apr 2021 19:07

Tgt Ion: 117 Resp: 28894
Ion Ratio Lower Upper
117 100
119 4.0 76.6 115.0#
121 0.0 26.1 39.1#

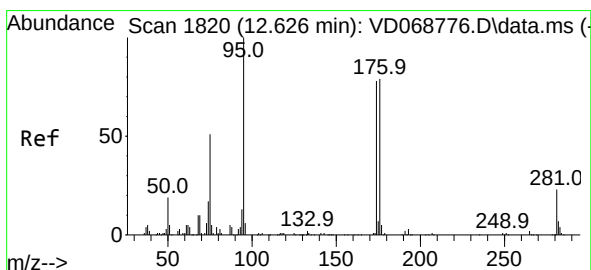
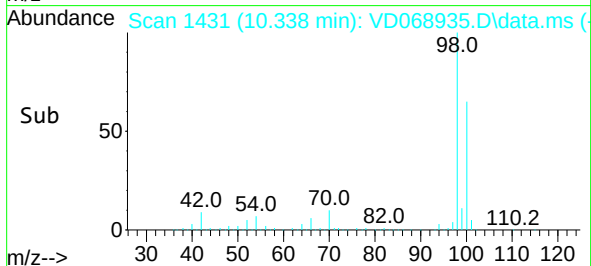
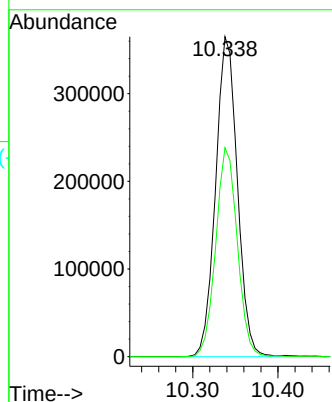
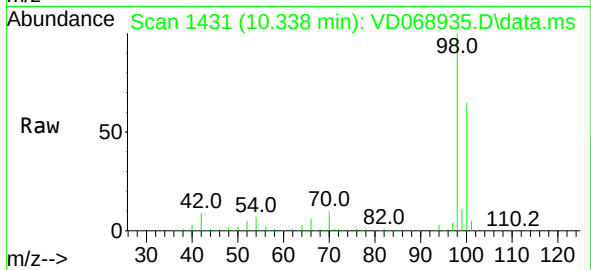




#50
Toluene-d8
Concen: 51.96 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068935.D
Acq: 21 Apr 2021 19:07

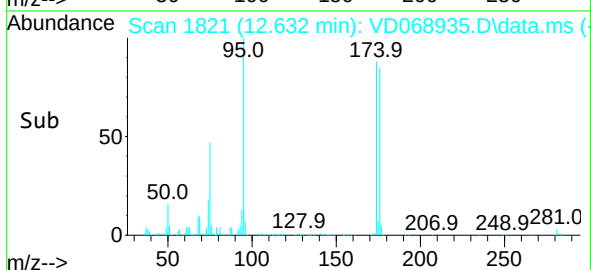
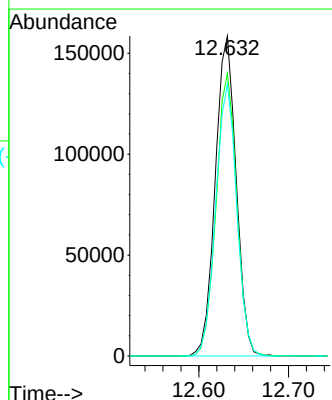
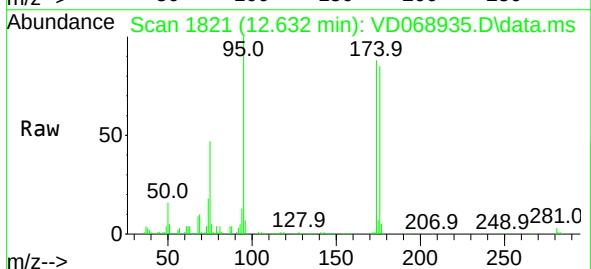
Instrument :
MSVOA_D
ClientSampled :

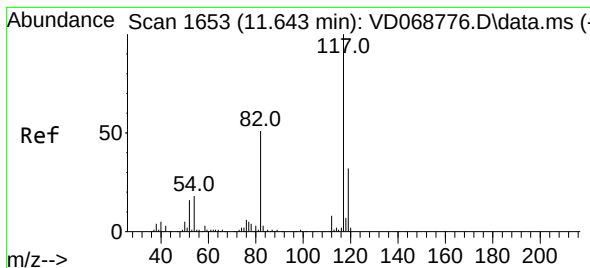
Tgt Ion: 98 Resp: 648753
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 61.88 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068935.D
Acq: 21 Apr 2021 19:07

Tgt Ion: 95 Resp: 256591
Ion Ratio Lower Upper
95 100
174 87.1 0.0 168.0
176 85.3 0.0 160.2

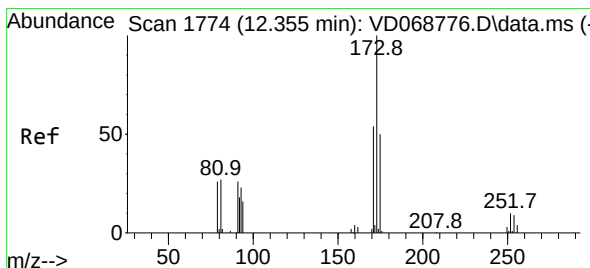
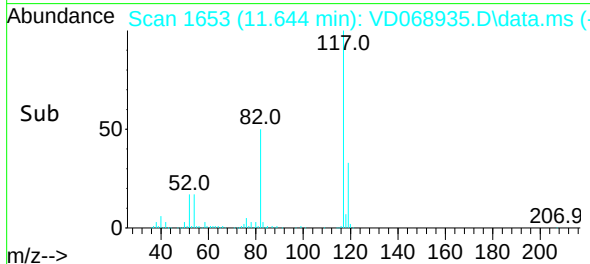
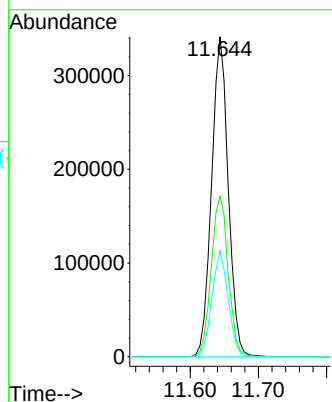
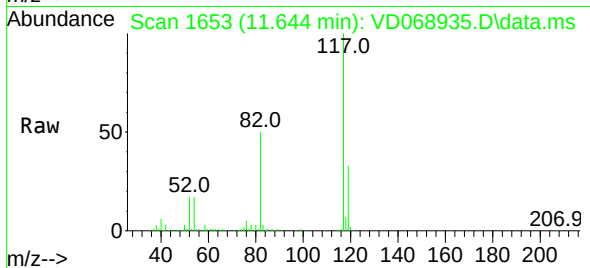




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068935.D
Acq: 21 Apr 2021 19:07

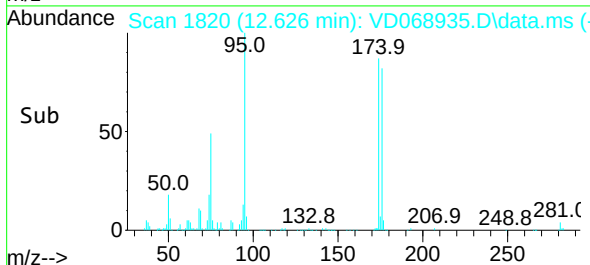
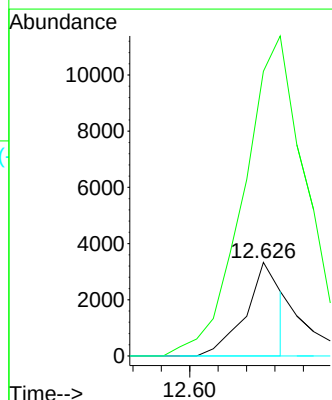
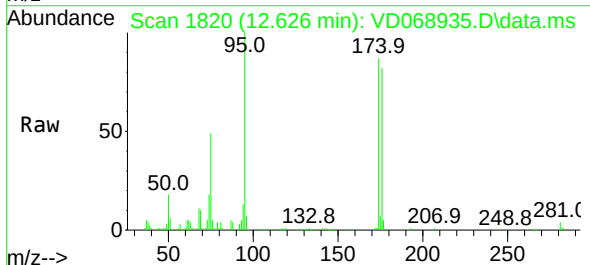
Instrument :
MSVOA_D
ClientSampleId :

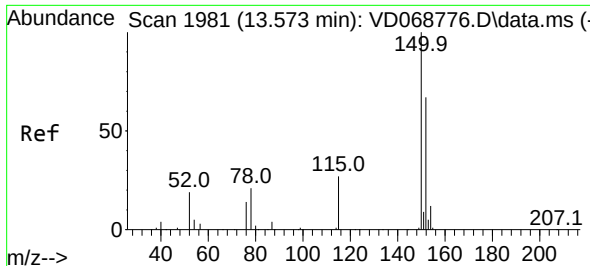
Tgt Ion:117 Resp: 579889
Ion Ratio Lower Upper
117 100
82 50.1 43.5 65.3
119 33.0 26.7 40.1



#71
Bromoform
Concen: 1.19 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.271 min
Lab File: VD068935.D
Acq: 21 Apr 2021 19:07

Tgt Ion:173 Resp: 2874
Ion Ratio Lower Upper
173 100
175 0.0 23.6 71.0#
254 0.0 0.0 0.0

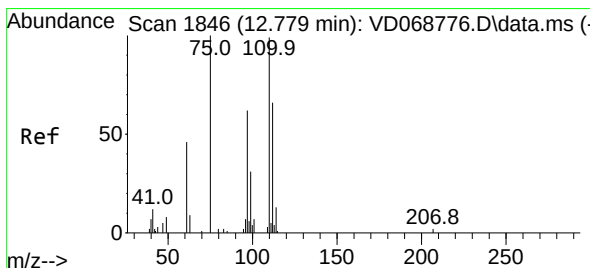
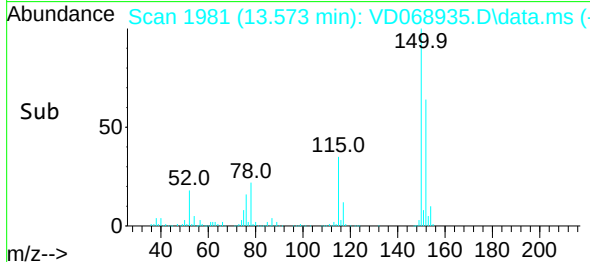
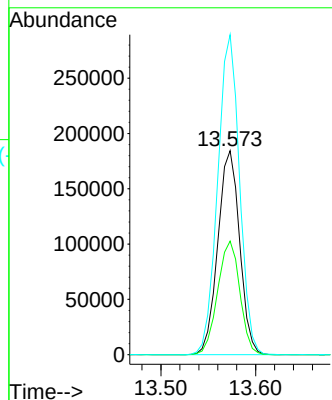
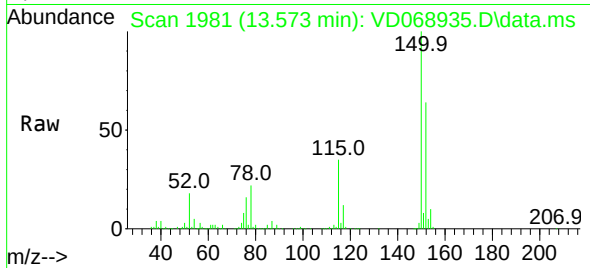




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068935.D
Acq: 21 Apr 2021 19:07

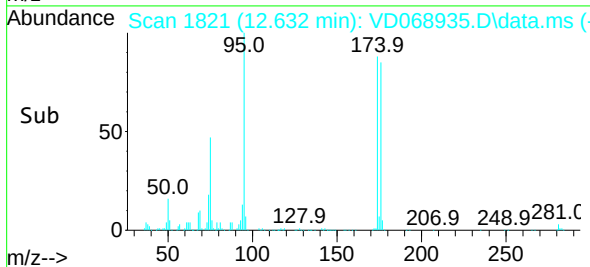
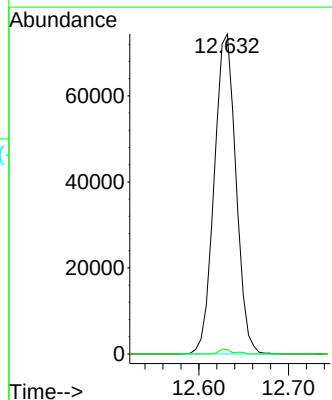
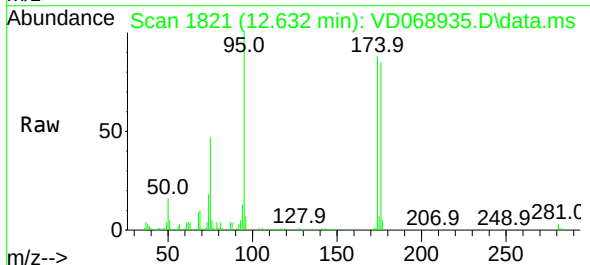
Instrument :
MSVOA_D
ClientSampled :

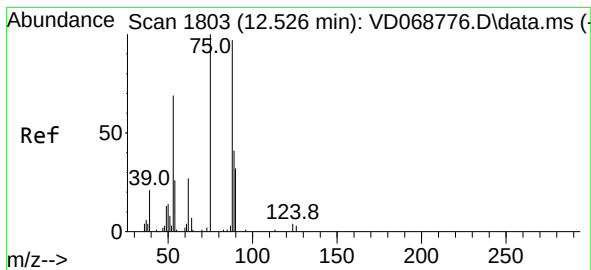
Tgt Ion:152 Resp: 295092
Ion Ratio Lower Upper
152 100
115 56.8 29.3 87.8
150 156.9 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 46.39 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068935.D
Acq: 21 Apr 2021 19:07

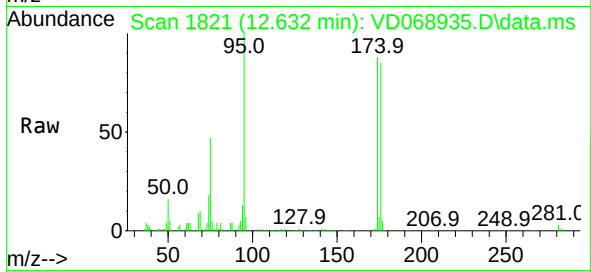
Tgt Ion: 75 Resp: 125058
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 107.66 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068935.D
 Acq: 21 Apr 2021 19:07

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 125058
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 36.6 54.8#

