

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042321\
 Data File : VD068959.D
 Acq On : 23 Apr 2021 11:12
 Operator : VA/SY
 Sample : VD0423SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 26 07:50:28 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)

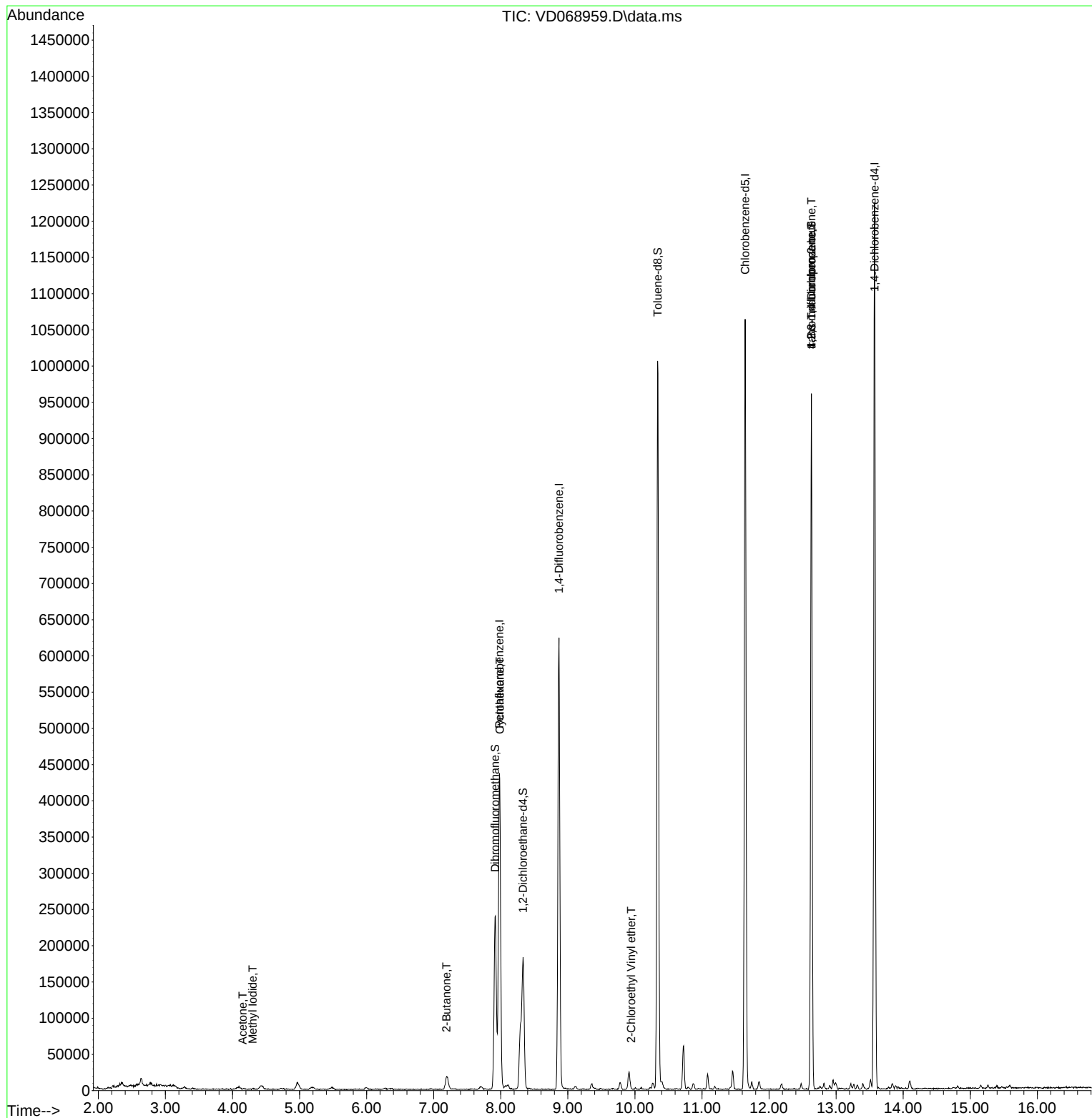
Internal Standards						
1) Pentafluorobenzene	7.979	168	334096	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	567373	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	650718	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	335198	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	138437	39.21	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	78.42%		
35) Dibromofluoromethane	7.914	113	171573	46.49	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.98%		
50) Toluene-d8	10.338	98	723089	51.94	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	103.88%		
62) 4-Bromofluorobenzene	12.632	95	289523	62.62	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	125.24%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.303	142	838	2.44	ug/l #	81
11) Tert butyl alcohol	5.256	59	60	Below Cal	#	73
16) Acetone	4.150	43	746	1.53	ug/l #	40
20) Methylene Chloride	4.973	84	8014	Below Cal	#	90
25) 2-Butanone	7.191	43	807	1.17	ug/l #	39
31) Cyclohexane	7.985	56	9472	1.61	ug/l #	58
58) 2-Chloroethyl Vinyl ether	9.944	63	304	17.15	ug/l #	44
76) 1,2,3-Trichloropropane	12.632	75	143803	46.96	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	143803	108.98	ug/l #	16

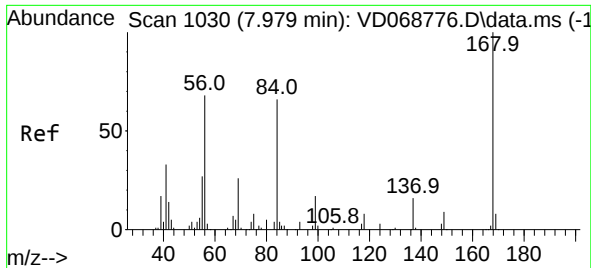
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

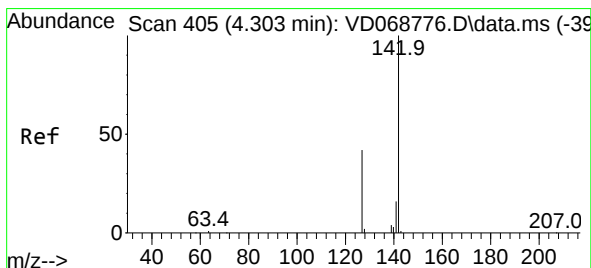
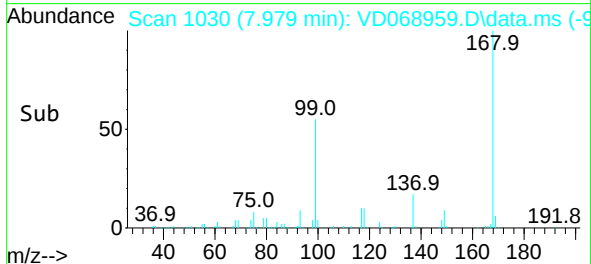
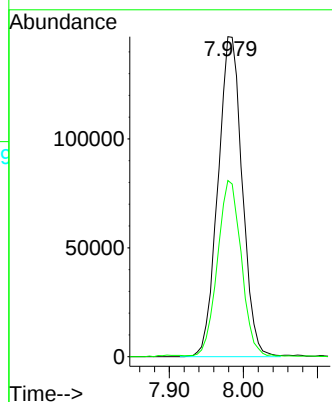
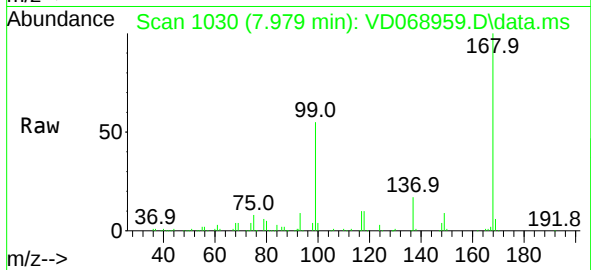




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068959.D
Acq: 23 Apr 2021 11:12

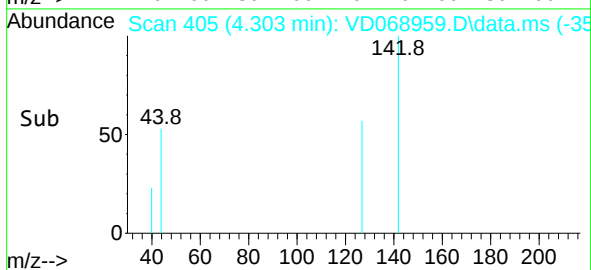
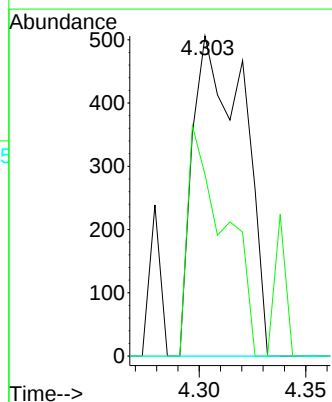
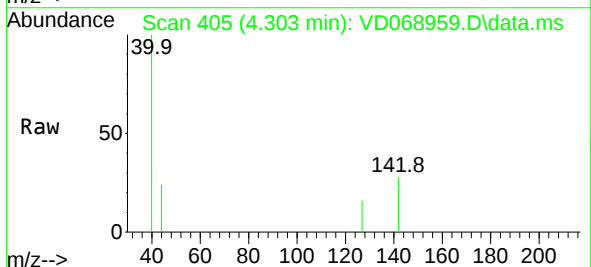
Instrument :
MSVOA_D
ClientSampled :

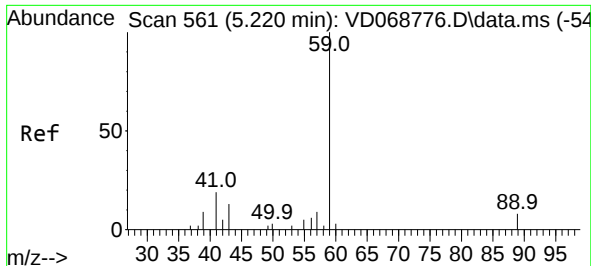
Tgt Ion:168 Resp: 334096
Ion Ratio Lower Upper
168 100
99 54.8 46.2 69.2



#10
Methyl Iodide
Concen: 2.44 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD068959.D
Acq: 23 Apr 2021 11:12

Tgt Ion:142 Resp: 838
Ion Ratio Lower Upper
142 100
127 52.6 34.7 52.1#
141 0.0 11.0 16.4#

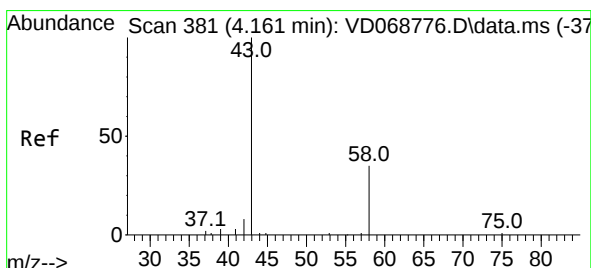
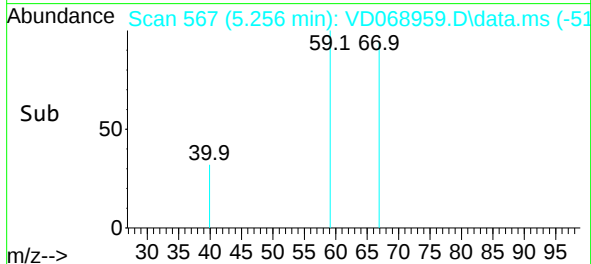
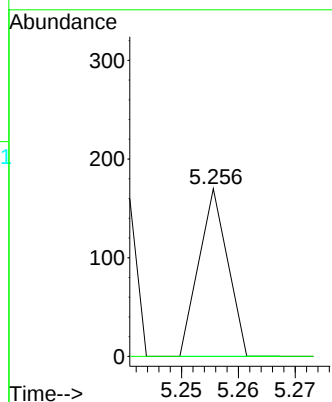
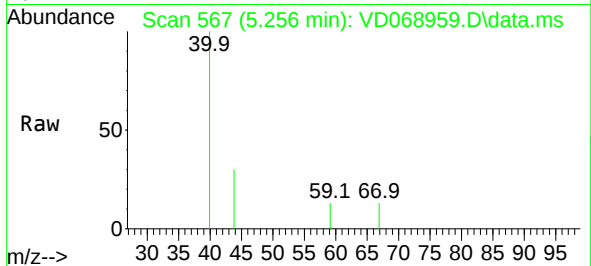




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.256 min Scan# 567
Delta R.T. 0.036 min
Lab File: VD068959.D
Acq: 23 Apr 2021 11:12

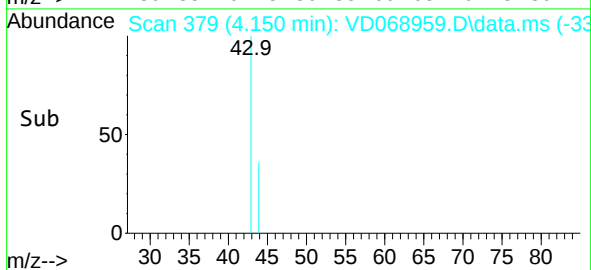
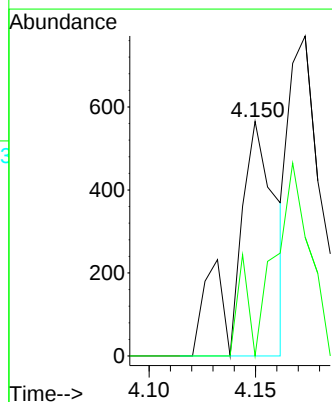
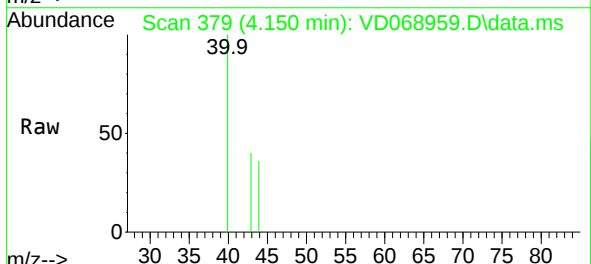
Instrument :
MSVOA_D
ClientSampleId :

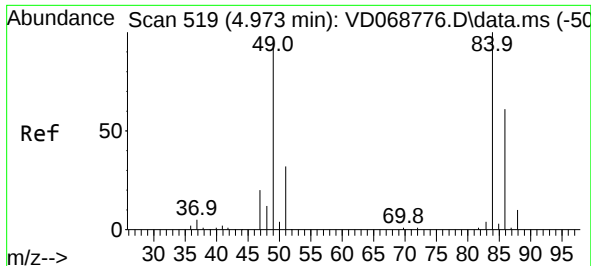
Tgt Ion: 59 Resp: 60
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 1.53 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.011 min
Lab File: VD068959.D
Acq: 23 Apr 2021 11:12

Tgt Ion: 43 Resp: 746
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#





#20

Methylene Chloride

Concen: Below Cal

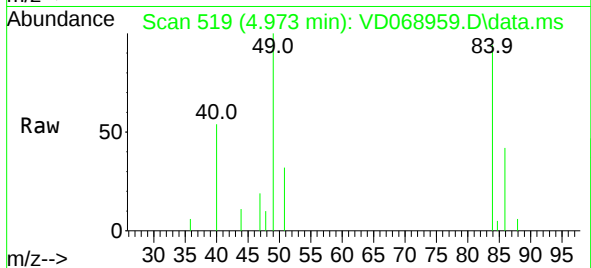
RT: 4.973 min Scan# 519

Delta R.T. 0.000 min

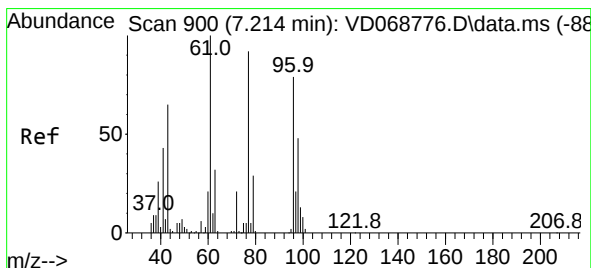
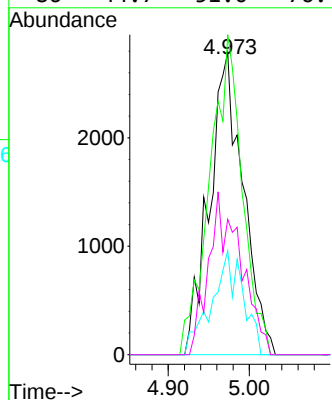
Lab File: VD068959.D

Acq: 23 Apr 2021 11:12

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:	84	Resp:	8014
Ion	Ratio	Lower	Upper
84	100		
49	105.8	83.4	125.0
51	34.4	23.4	35.2
86	44.7	51.0	76.4



#25

2-Butanone

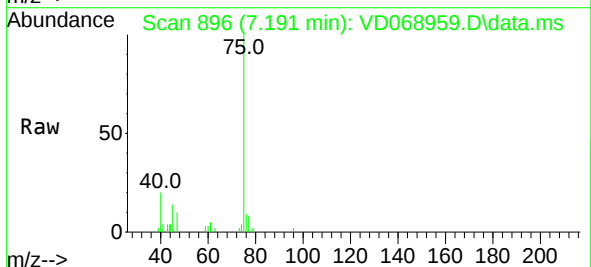
Concen: 1.17 ug/l

RT: 7.191 min Scan# 896

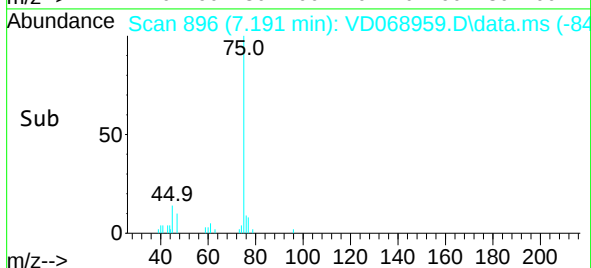
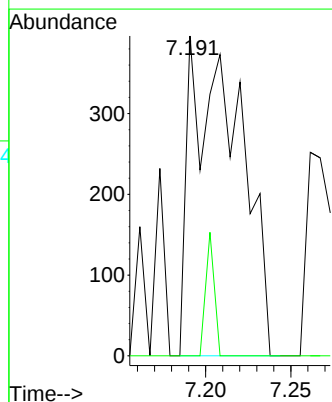
Delta R.T. -0.023 min

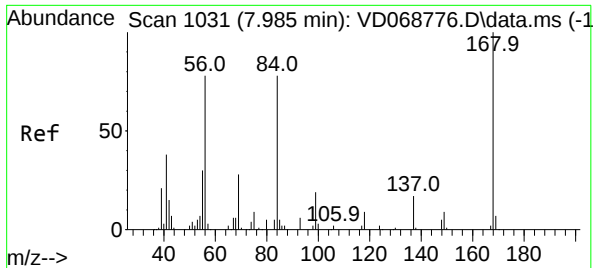
Lab File: VD068959.D

Acq: 23 Apr 2021 11:12



Tgt Ion:	43	Resp:	807
Ion	Ratio	Lower	Upper
43	100		
72	0.0	28.6	43.0

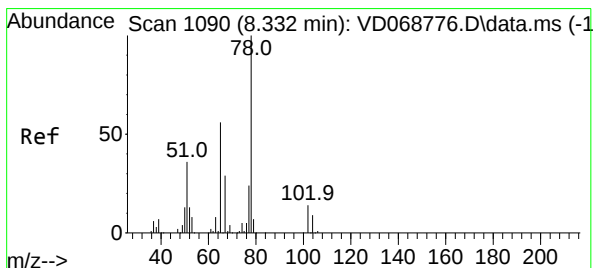
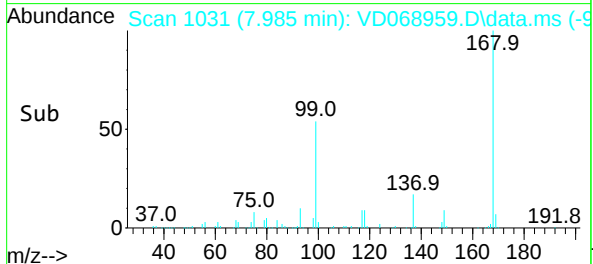
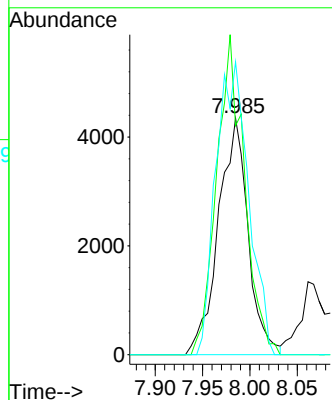
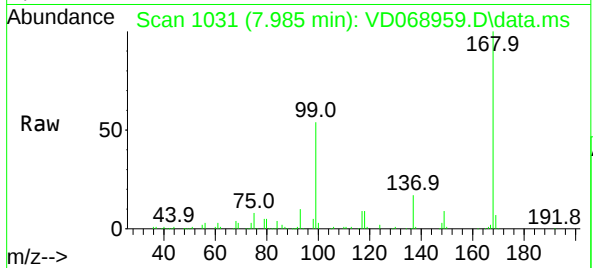




#31
Cyclohexane
Concen: 1.61 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068959.D
Acq: 23 Apr 2021 11:12

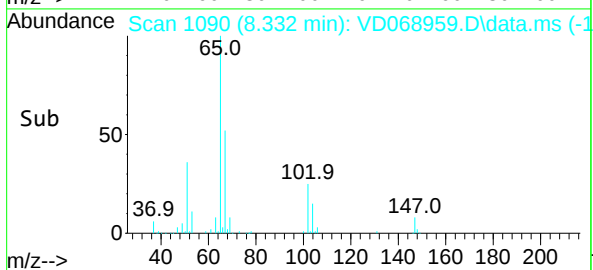
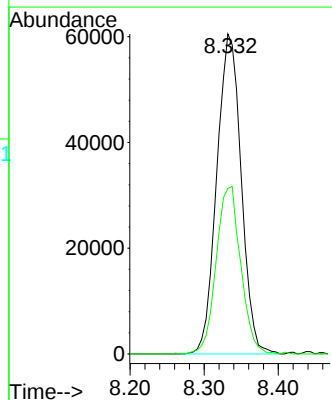
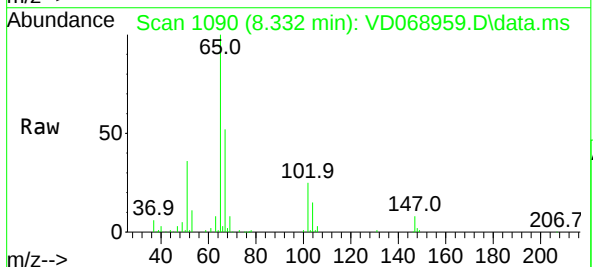
Instrument :
MSVOA_D
ClientSampleId :

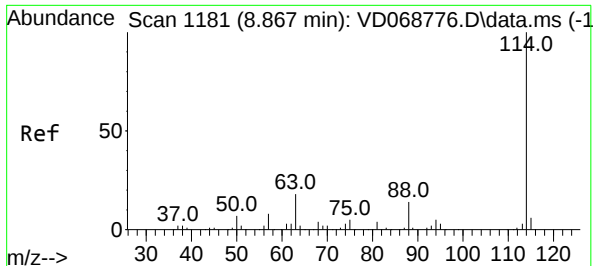
Tgt Ion: 56 Resp: 9472
Ion Ratio Lower Upper
56 100
69 96.8 30.0 45.0#
84 123.8 82.0 123.0#



#33
1,2-Dichloroethane-d4
Concen: 39.21 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068959.D
Acq: 23 Apr 2021 11:12

Tgt Ion: 65 Resp: 138437
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.0

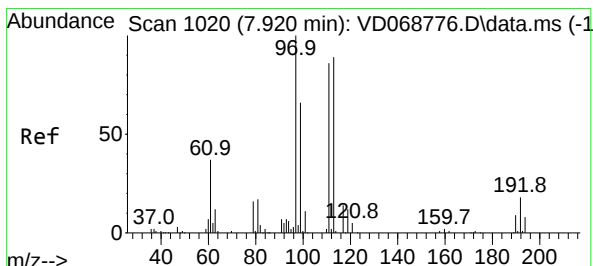
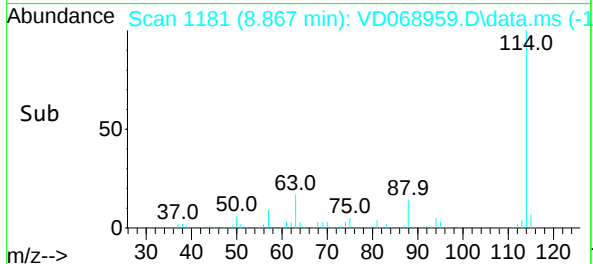
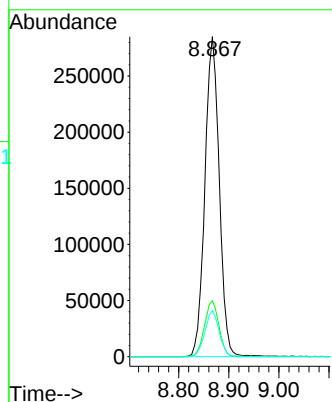
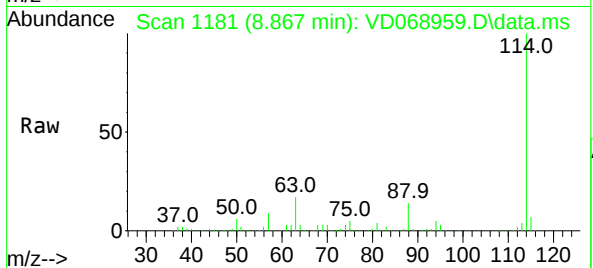




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068959.D
Acq: 23 Apr 2021 11:12

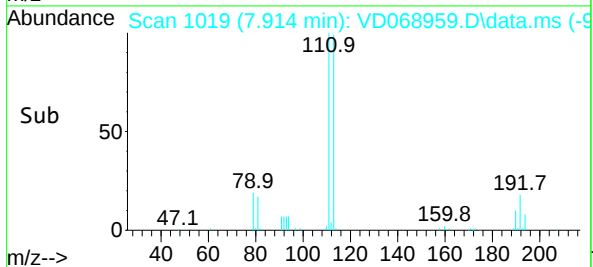
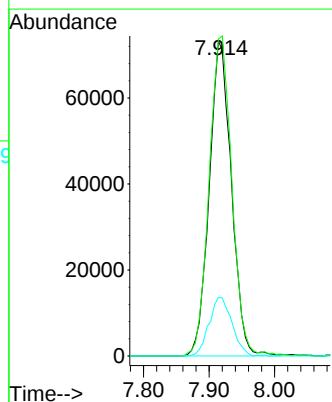
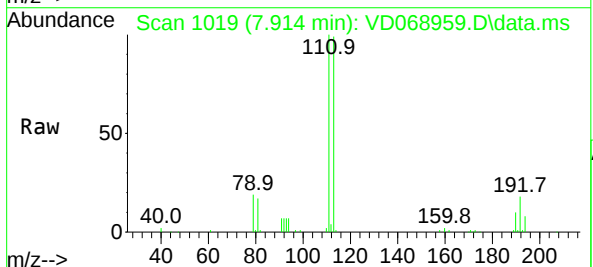
Instrument :
MSVOA_D
ClientSampled :

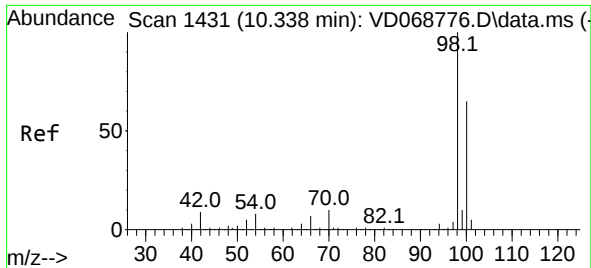
Tgt Ion:114 Resp: 567373
Ion Ratio Lower Upper
114 100
63 17.5 0.0 38.2
88 14.4 0.0 29.4



#35
Dibromofluoromethane
Concen: 46.49 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068959.D
Acq: 23 Apr 2021 11:12

Tgt Ion:113 Resp: 171573
Ion Ratio Lower Upper
113 100
111 104.5 82.5 123.7
192 19.2 15.1 22.7

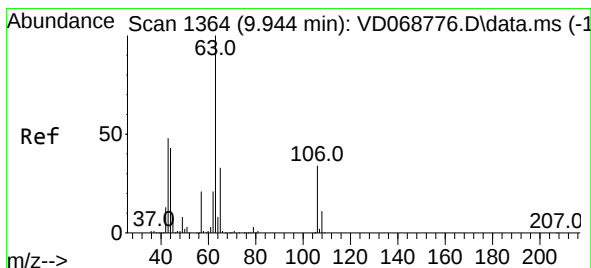
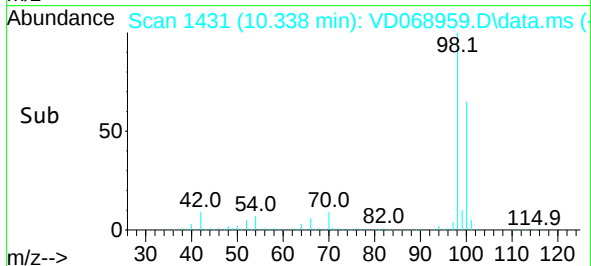
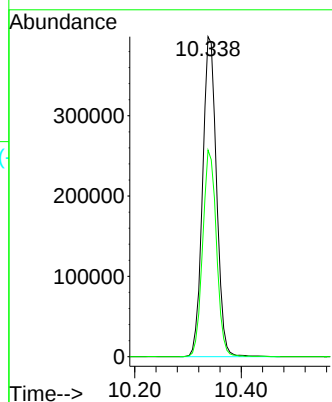
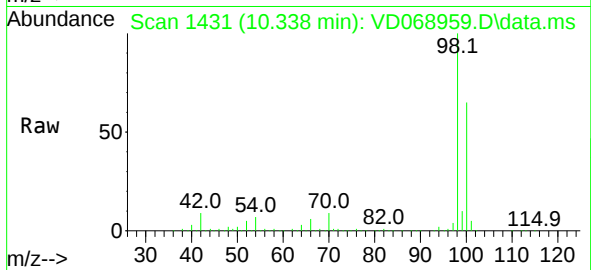




#50
Toluene-d8
Concen: 51.94 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068959.D
Acq: 23 Apr 2021 11:12

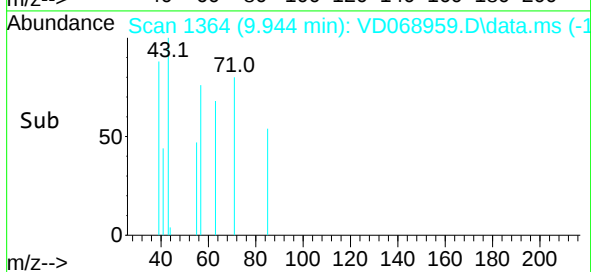
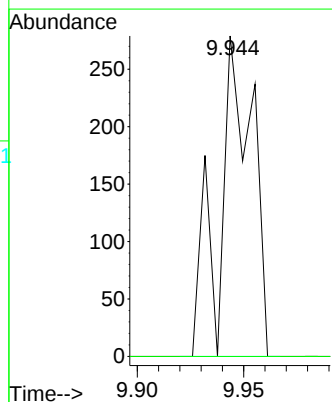
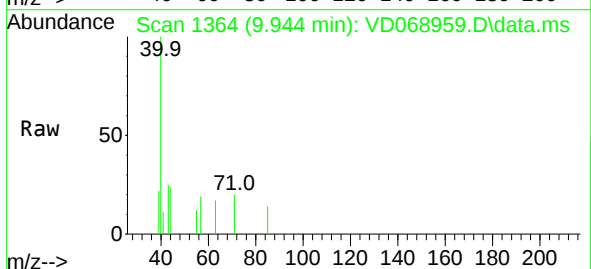
Instrument :
MSVOA_D
ClientSampleId :

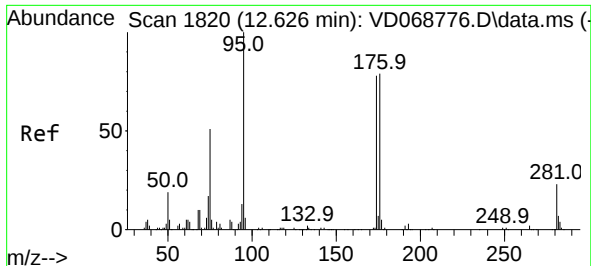
Tgt Ion: 98 Resp: 723089
Ion Ratio Lower Upper
98 100
100 63.8 51.8 77.6



#58
2-Chloroethyl Vinyl ether
Concen: 17.15 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. -0.000 min
Lab File: VD068959.D
Acq: 23 Apr 2021 11:12

Tgt Ion: 63 Resp: 304
Ion Ratio Lower Upper
63 100
106 0.0 24.6 36.8#

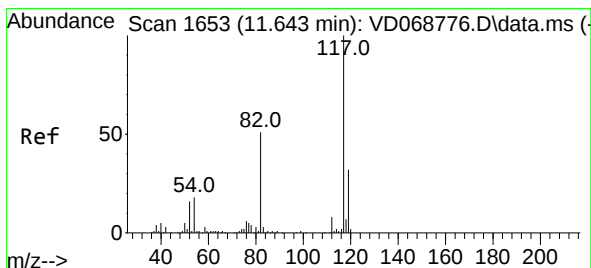
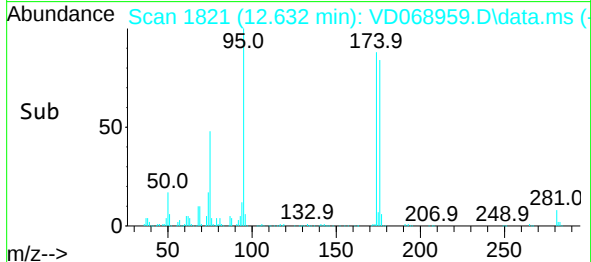
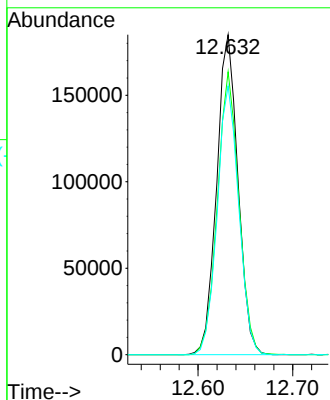
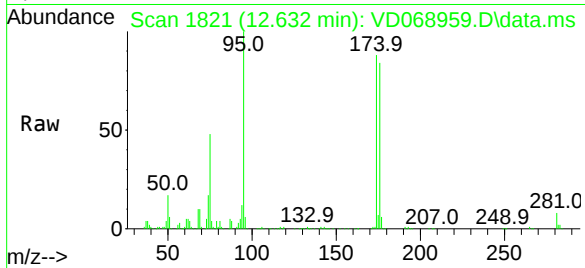




#62
4-Bromofluorobenzene
Concen: 62.62 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068959.D
Acq: 23 Apr 2021 11:12

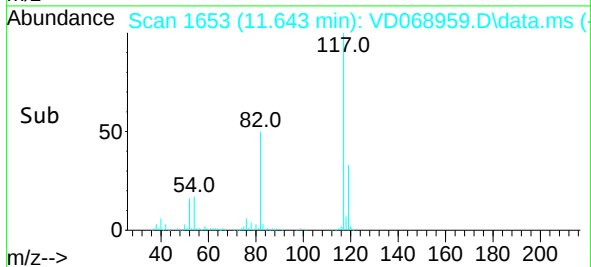
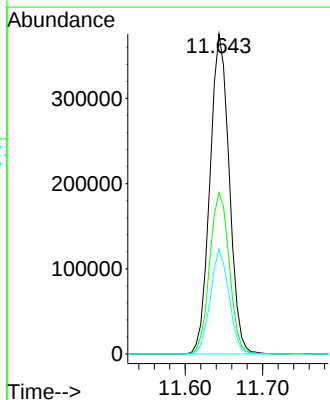
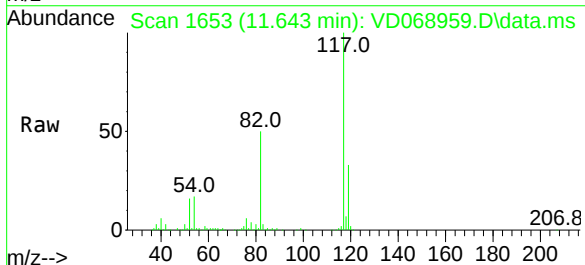
Instrument :
MSVOA_D
ClientSampleId :

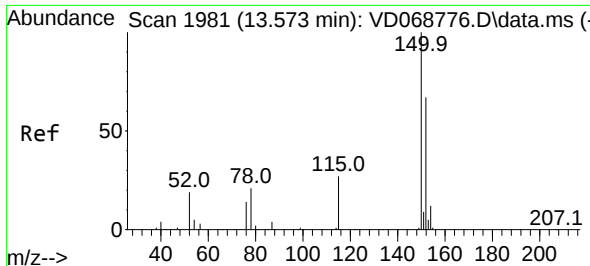
Tgt Ion: 95 Resp: 289523
Ion Ratio Lower Upper
95 100
174 88.8 0.0 168.0
176 84.7 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068959.D
Acq: 23 Apr 2021 11:12

Tgt Ion:117 Resp: 650718
Ion Ratio Lower Upper
117 100
82 50.4 43.5 65.3
119 32.7 26.7 40.1

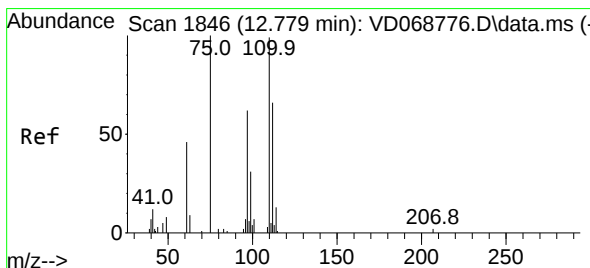
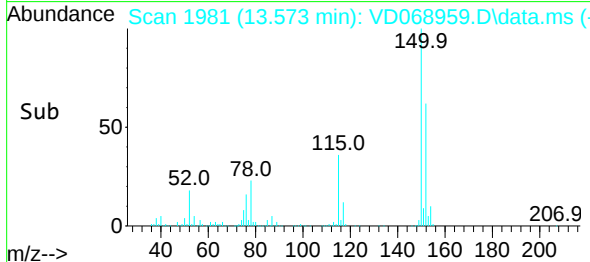
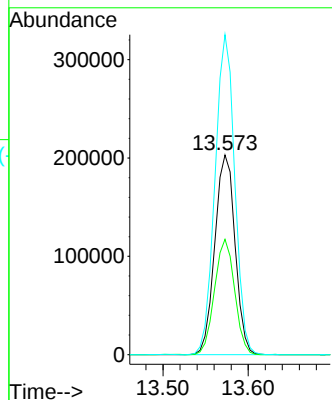
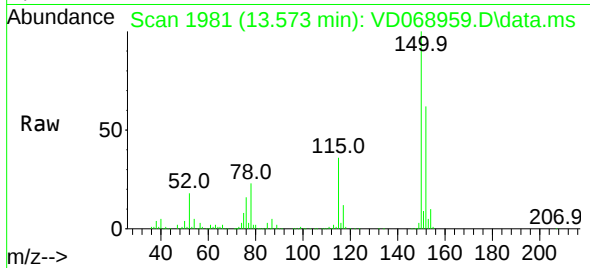




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068959.D
Acq: 23 Apr 2021 11:12

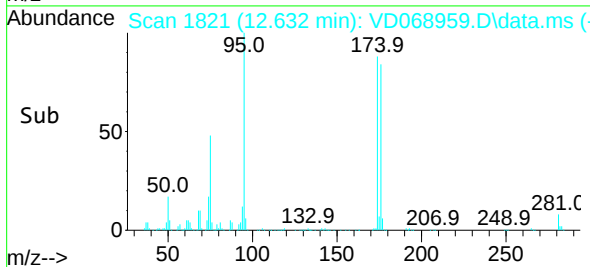
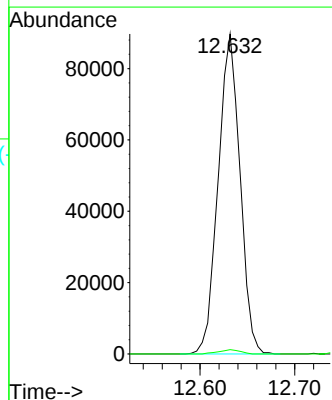
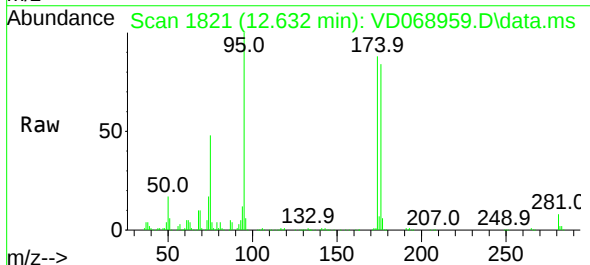
Instrument :
MSVOA_D
ClientSampleId :

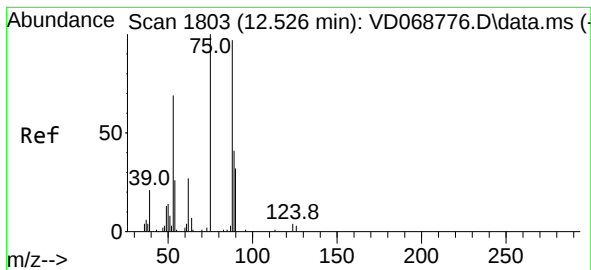
Tgt Ion:152 Resp: 335198
Ion Ratio Lower Upper
152 100
115 57.2 29.3 87.8
150 156.5 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 46.96 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068959.D
Acq: 23 Apr 2021 11:12

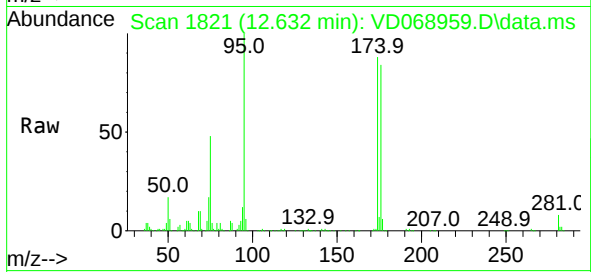
Tgt Ion: 75 Resp: 143803
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 108.98 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068959.D
 Acq: 23 Apr 2021 11:12

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 143803
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 36.6 54.8#

