

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011321\
 Data File : VD068061.D
 Acq On : 13 Jan 2021 10:32
 Operator : VA/SY
 Sample : VD0113SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0113SBL01

Quant Time: Jan 13 12:22:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 13 03:57:57 2021
 Response via : Initial Calibration

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

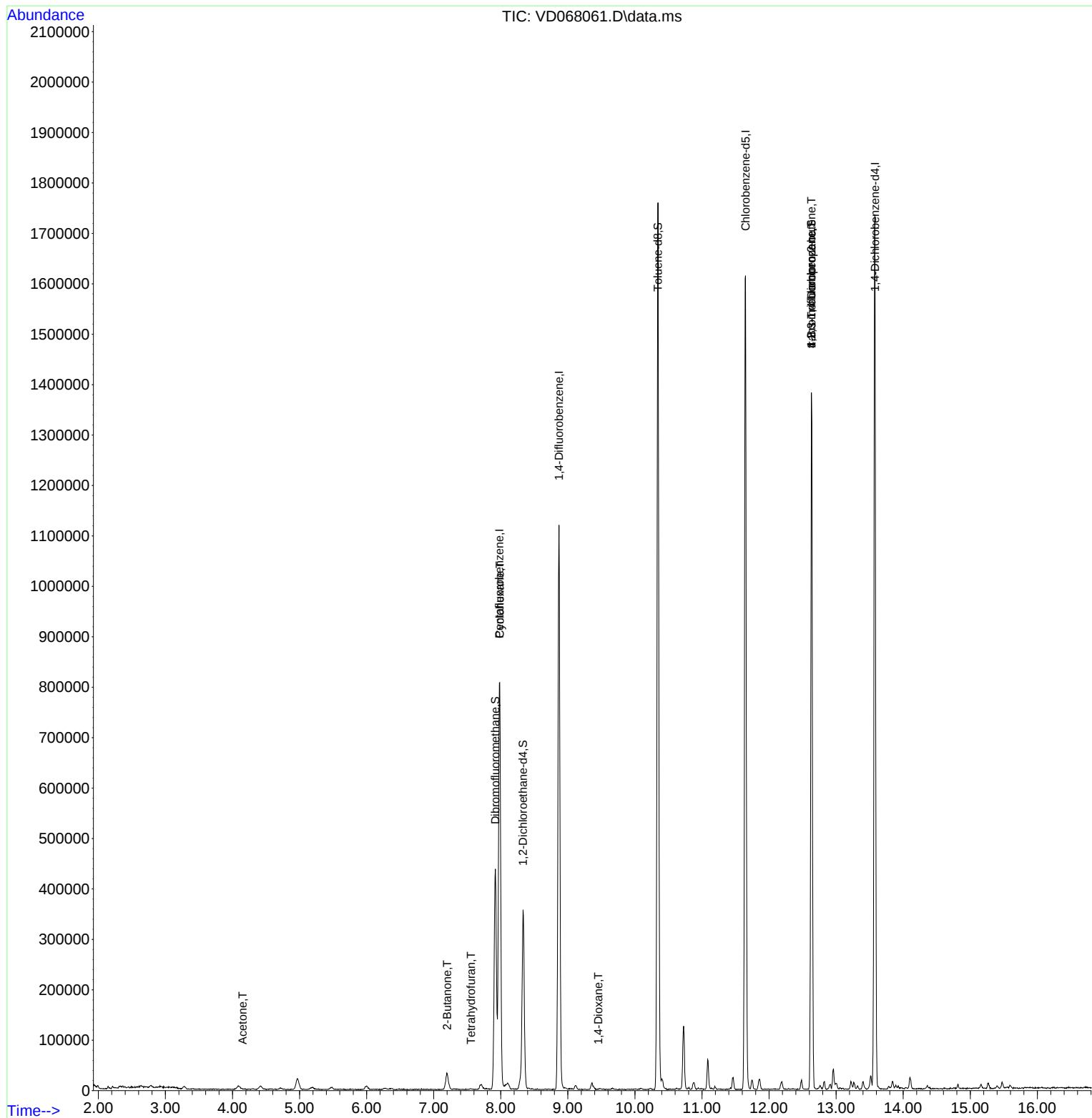
Internal Standards						
1) Pentafluorobenzene	7.979	168	632098	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	1027590	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	1006835	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	496296	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	283514	52.75	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.50%
35) Dibromofluoromethane	7.920	113	312846	53.41	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.82%
50) Toluene-d8	10.344	98	1215686	56.31	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.62%
62) 4-Bromofluorobenzene	12.632	95	442437	58.50	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	117.00%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.185	59	3711	Below Cal	#	74
16) Acetone	4.150	43	1551	1.82	ug/l #	86
20) Methylene Chloride	4.961	84	18817	Below Cal	#	81
25) 2-Butanone	7.203	43	1973	1.81	ug/l #	43
29) Tetrahydrofuran	7.555	42	987	1.41	ug/l #	41
31) Cyclohexane	7.985	56	16043	1.79	ug/l #	37
49) 1,4-Dioxane	9.455	88	54	1.47	ug/l #	30
76) 1,2,3-Trichloropropane	12.632	75	213231	54.23	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	213231	121.67	ug/l #	13

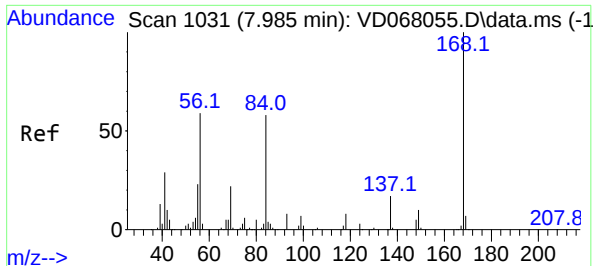
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011321\
Data File : VD068061.D
Acq On : 13 Jan 2021 10:32
Operator : VA/SY
Sample : VD0113SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0113SBL01

Quant Time: Jan 13 12:22:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011221S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 13 03:57:57 2021
Response via : Initial Calibration

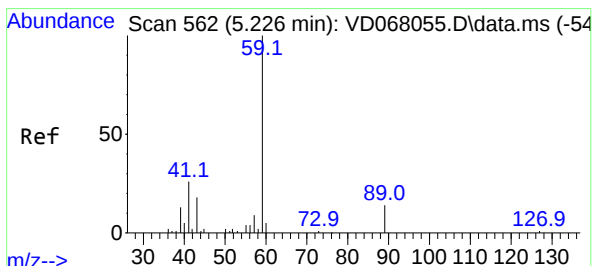
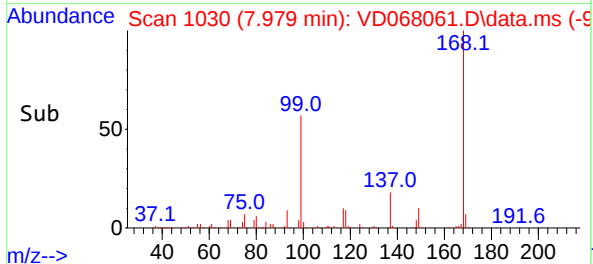
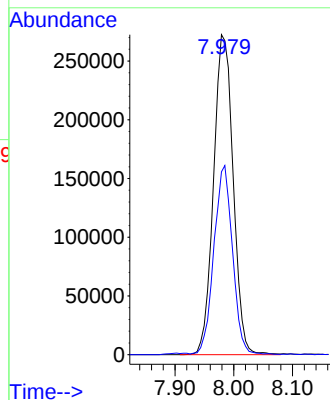
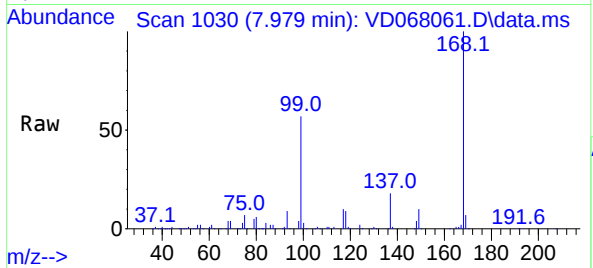




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068061.D
Acq: 13 Jan 2021 10:32

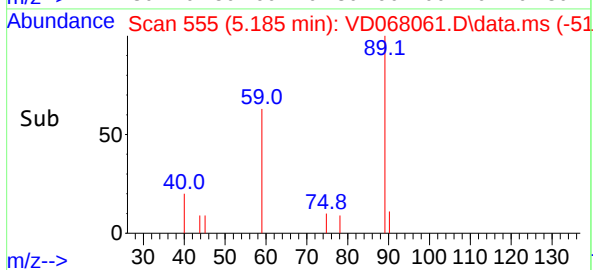
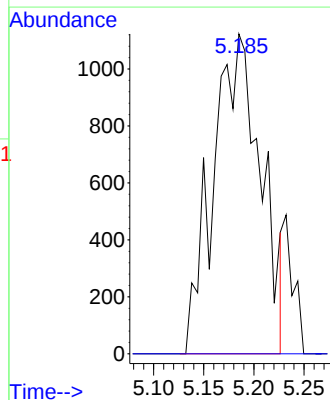
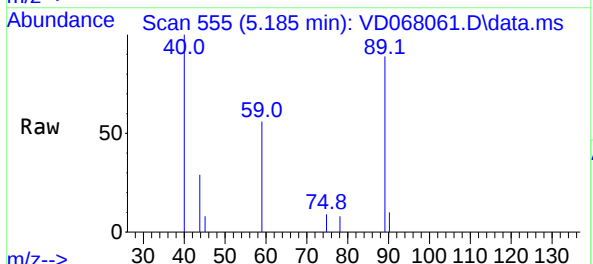
Instrument :
MSVOA_D
ClientSampleId :
VD0113SBL01

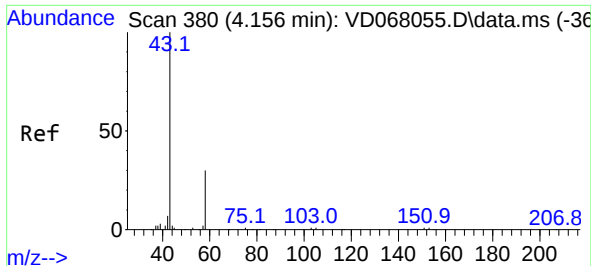
Tgt Ion:168 Resp: 632098
Ion Ratio Lower Upper
168 100
99 57.1 43.5 65.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.185 min Scan# 555
Delta R.T. -0.041 min
Lab File: VD068061.D
Acq: 13 Jan 2021 10:32

Tgt Ion: 59 Resp: 3711
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

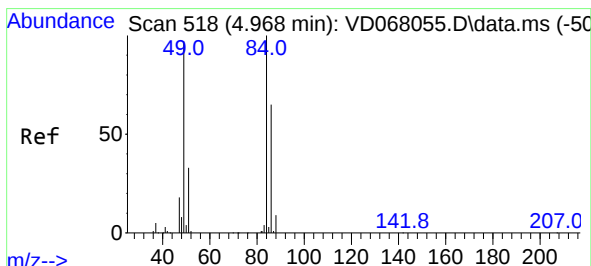
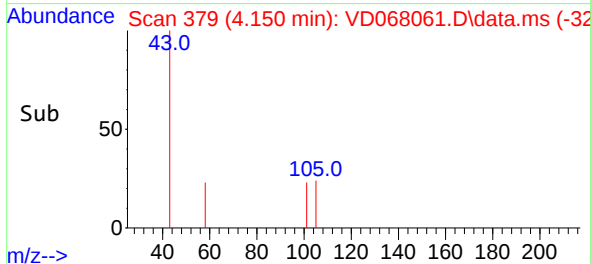
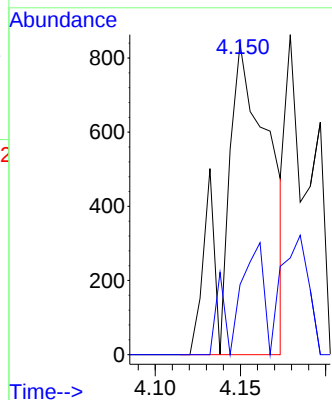
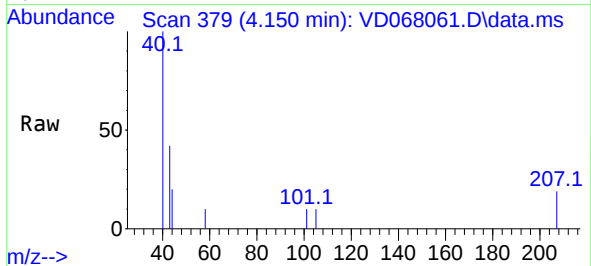




#16
Acetone
Concen: 1.82 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD068061.D
Acq: 13 Jan 2021 10:32

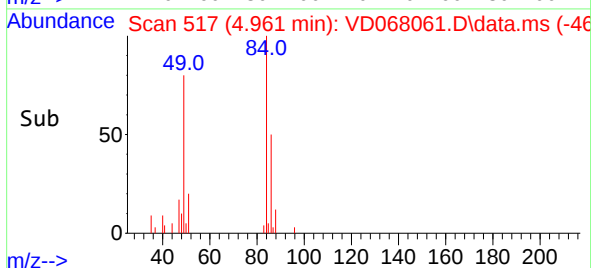
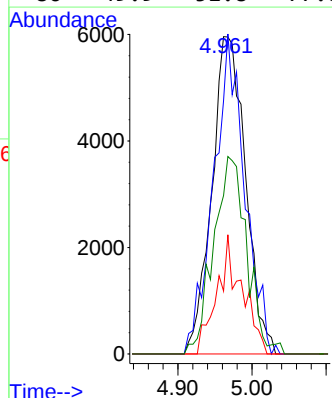
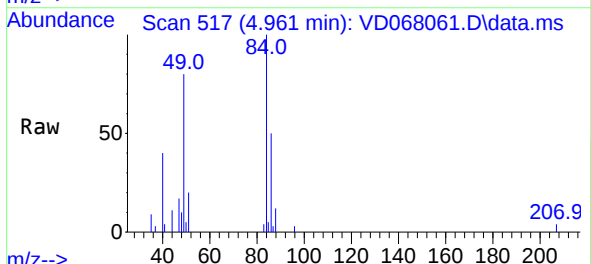
Instrument :
MSVOA_D
ClientSampleId :
VD0113SBL01

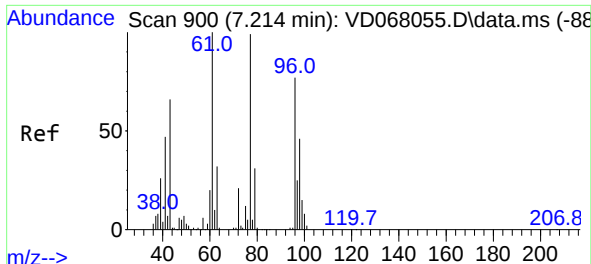
Tgt Ion: 43 Resp: 1551
Ion Ratio Lower Upper
43 100
58 22.5 24.2 36.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.007 min
Lab File: VD068061.D
Acq: 13 Jan 2021 10:32

Tgt Ion: 84 Resp: 18817
Ion Ratio Lower Upper
84 100
49 79.8 77.4 116.2
51 19.8 26.1 39.1#
86 49.9 51.8 77.8#

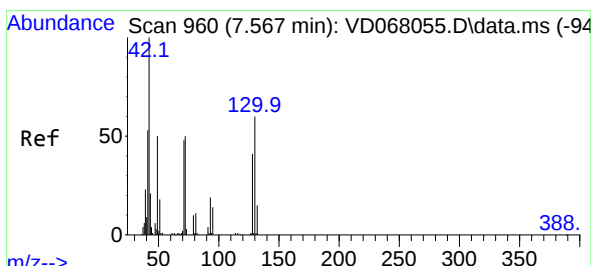
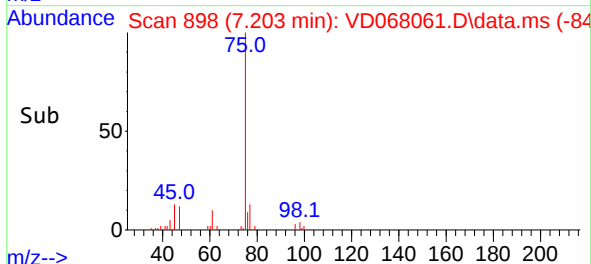
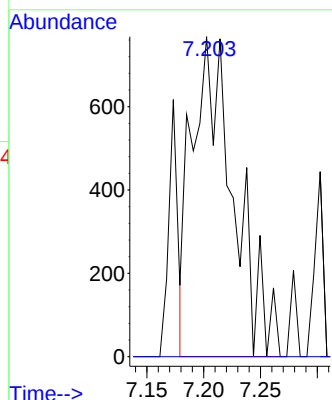
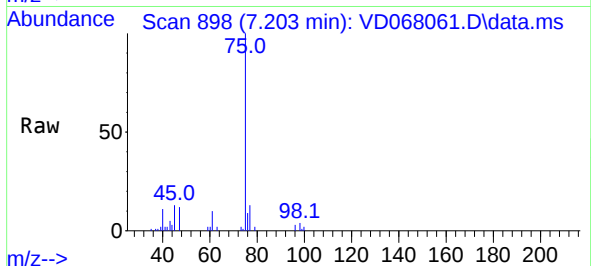




#25
2-Butanone
Concen: 1.81 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.012 min
Lab File: VD068061.D
Acq: 13 Jan 2021 10:32

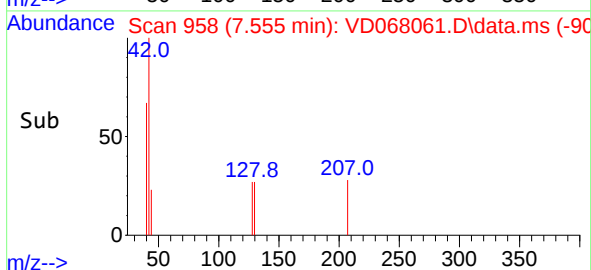
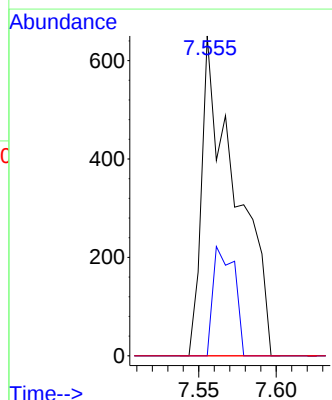
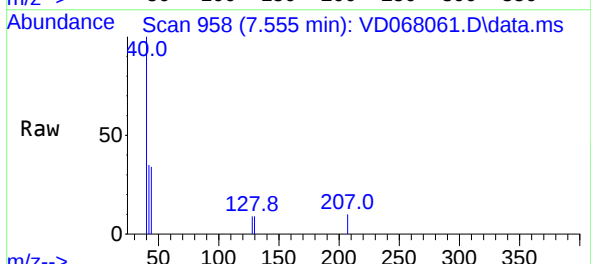
Instrument :
MSVOA_D
ClientSampleId :
VD0113SBL01

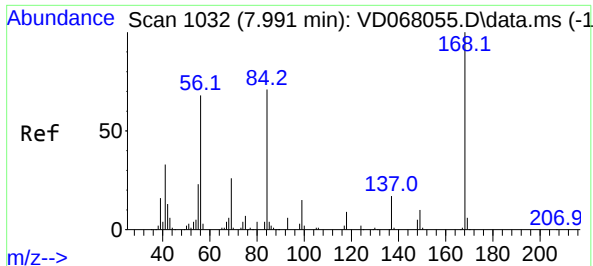
Tgt Ion: 43 Resp: 1973
Ion Ratio Lower Upper
43 100
72 0.0 25.1 37.7#



#29
Tetrahydrofuran
Concen: 1.41 ug/l
RT: 7.555 min Scan# 958
Delta R.T. -0.012 min
Lab File: VD068061.D
Acq: 13 Jan 2021 10:32

Tgt Ion: 42 Resp: 987
Ion Ratio Lower Upper
42 100
72 21.4 43.4 65.0#
71 0.0 40.8 61.2#

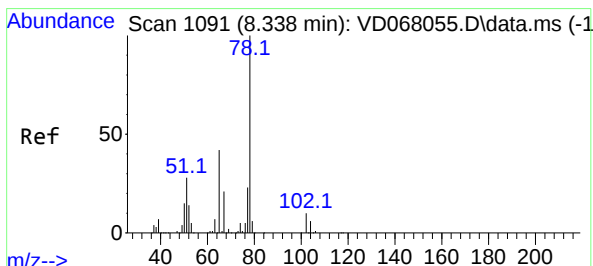
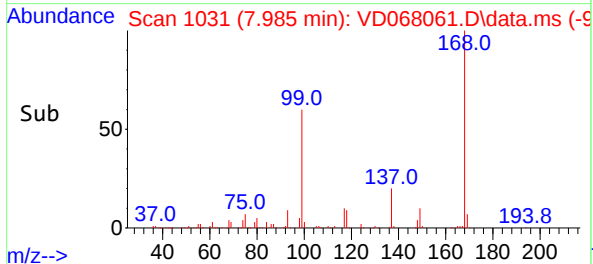
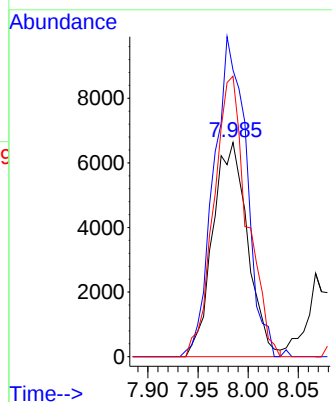
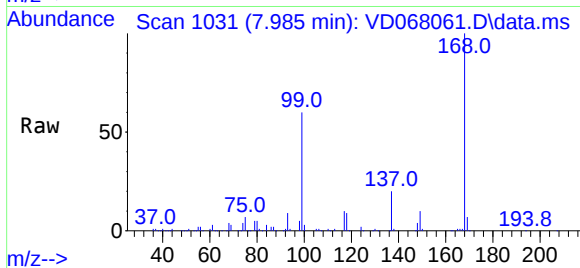




#31
Cyclohexane
Concen: 1.79 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068061.D
Acq: 13 Jan 2021 10:32

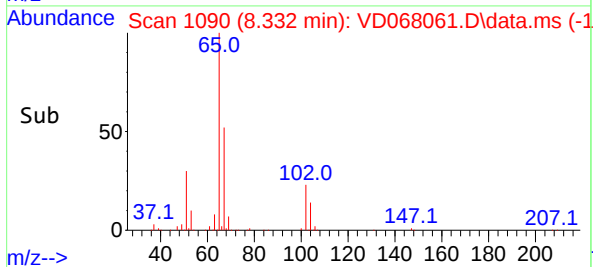
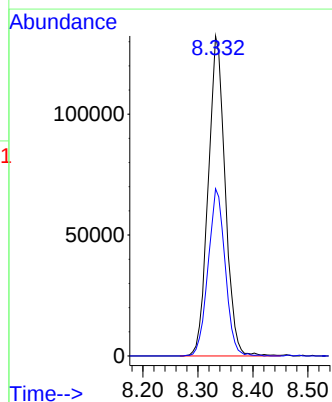
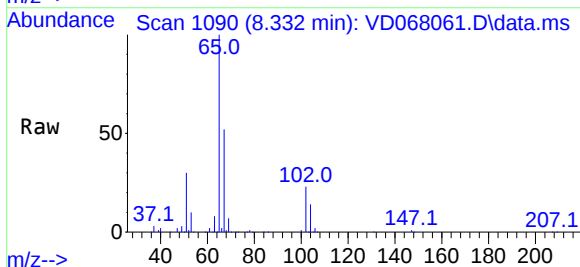
Instrument :
MSVOA_D
ClientSampleId :
VD0113SBL01

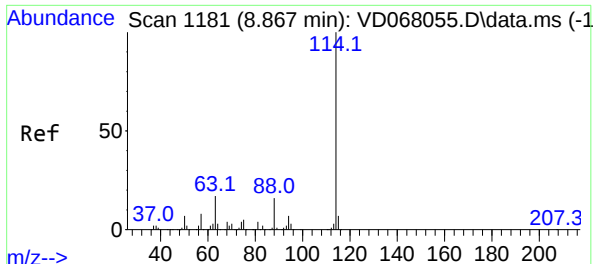
Tgt Ion: 56 Resp: 16043
Ion Ratio Lower Upper
56 100
69 133.7 30.1 45.1#
84 130.9 82.1 123.1#



#33
1,2-Dichloroethane-d4
Concen: 52.75 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068061.D
Acq: 13 Jan 2021 10:32

Tgt Ion: 65 Resp: 283514
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.0



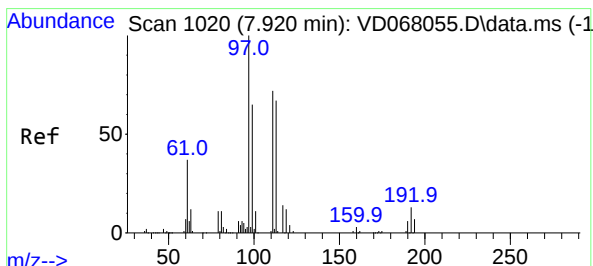
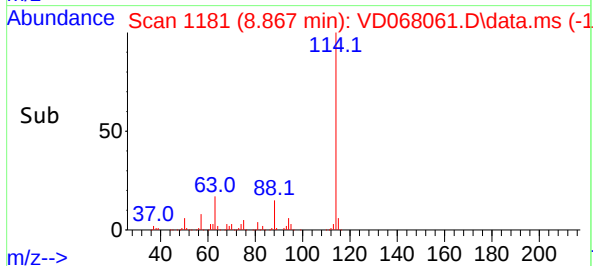
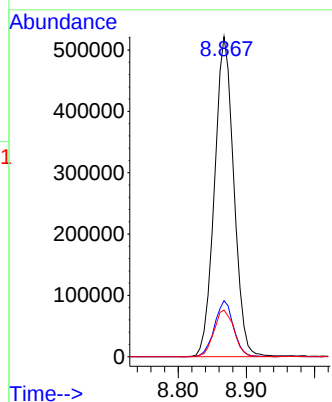
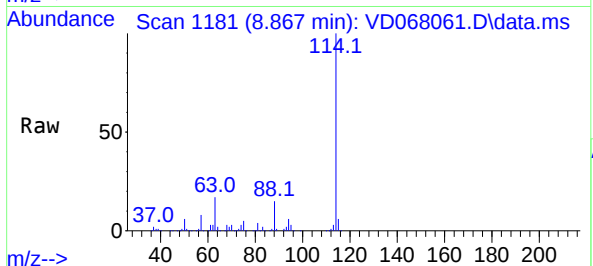


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068061.D
Acq: 13 Jan 2021 10:32

Instrument :
MSVOA_D
ClientSampleId :
VD0113SBL01

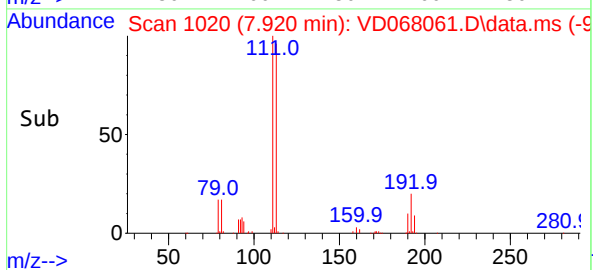
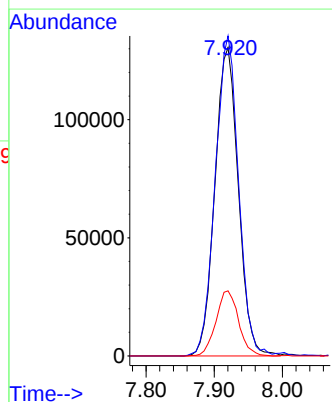
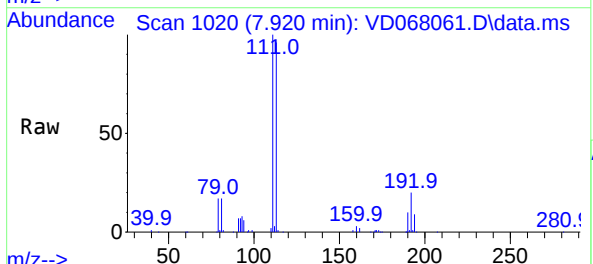
Tgt Ion:114 Resp: 1027590
Ion Ratio Lower Upper
114 100
63 17.5 0.0 34.8
88 14.5 0.0 31.6

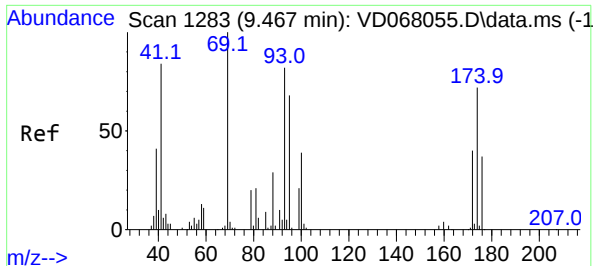


#35

Dibromofluoromethane
Concen: 53.41 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068061.D
Acq: 13 Jan 2021 10:32

Tgt Ion:113 Resp: 312846
Ion Ratio Lower Upper
113 100
111 102.8 81.4 122.0
192 20.3 16.1 24.1

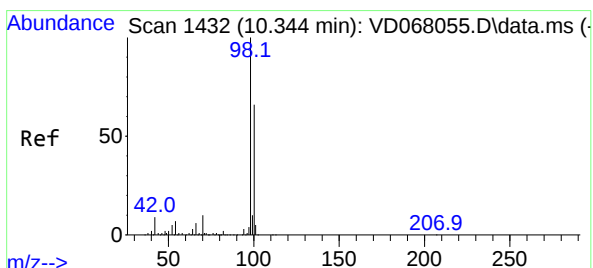
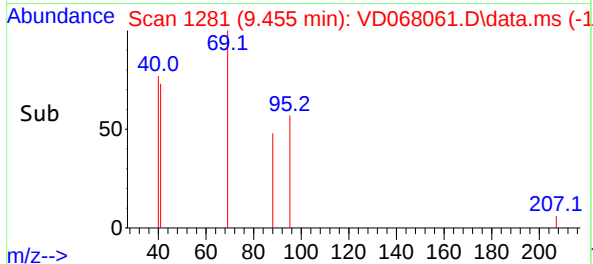
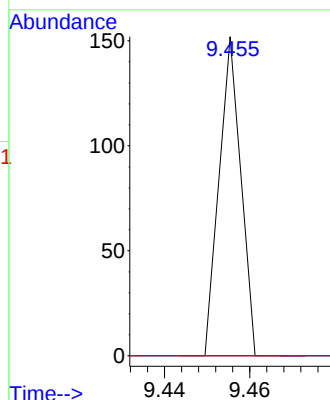
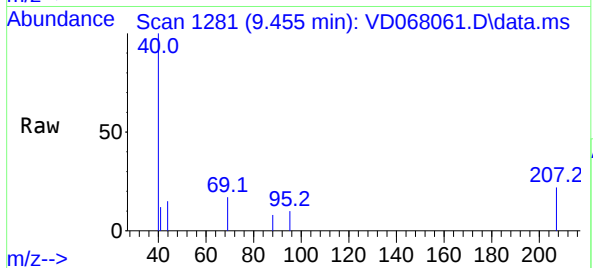




#49
1,4-Dioxane
Concen: 1.47 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.012 min
Lab File: VD068061.D
Acq: 13 Jan 2021 10:32

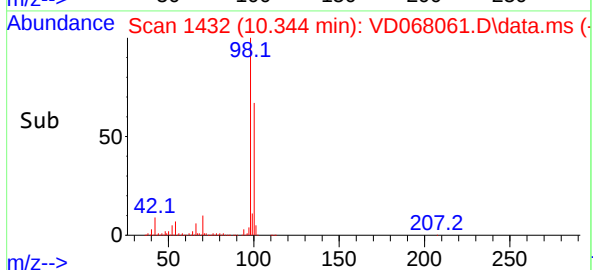
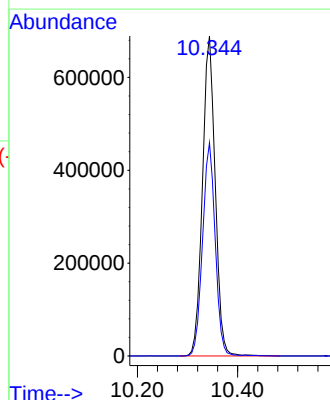
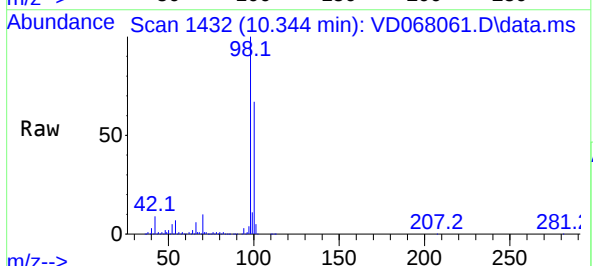
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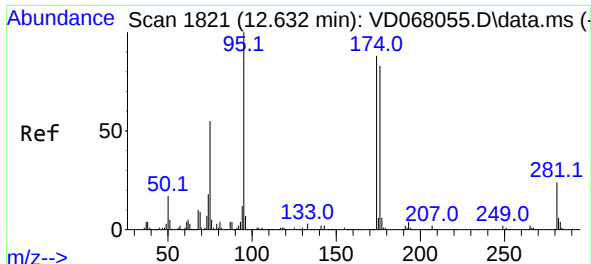
Tgt Ion: 88 Resp: 54
Ion Ratio Lower Upper
88 100
43 0.0 22.1 33.1#
58 0.0 46.7 70.1#



#50
Toluene-d8
Concen: 56.31 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068061.D
Acq: 13 Jan 2021 10:32

Tgt Ion: 98 Resp: 1215686
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.4

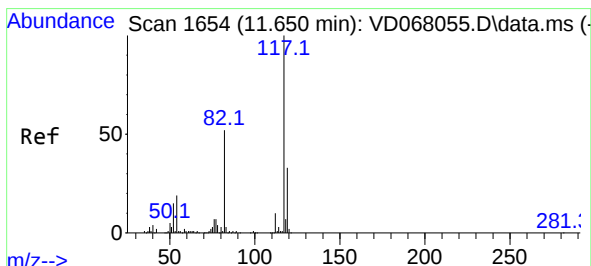
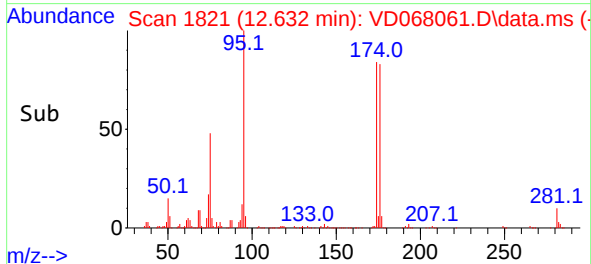
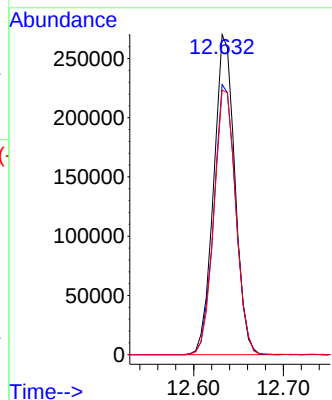
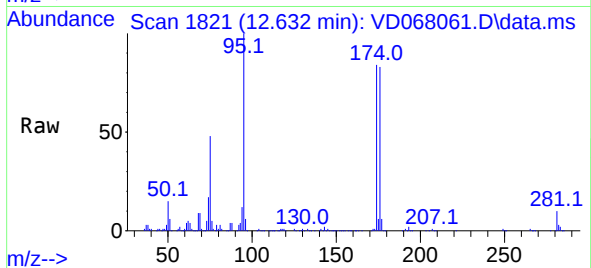




#62
4-Bromofluorobenzene
Concen: 58.50 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068061.D
Acq: 13 Jan 2021 10:32

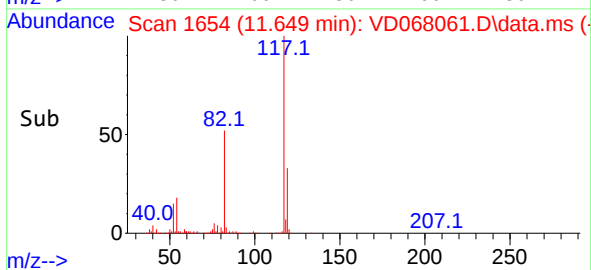
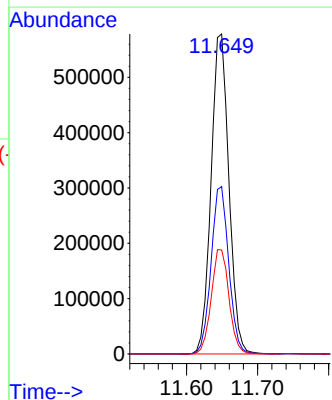
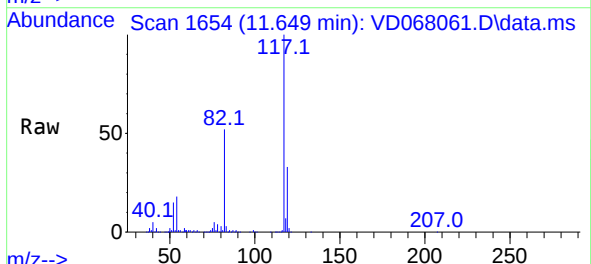
Instrument :
MSVOA_D
ClientSampleId :
VD0113SBL01

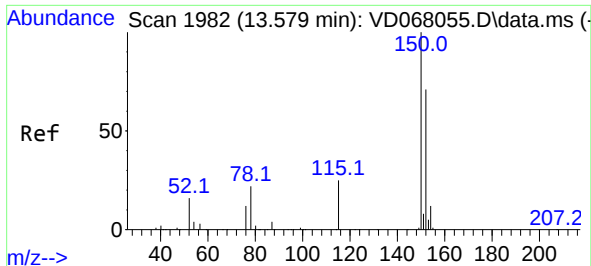
Tgt Ion: 95 Resp: 442437
Ion Ratio Lower Upper
95 100
174 86.8 0.0 172.4
176 85.2 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. -0.000 min
Lab File: VD068061.D
Acq: 13 Jan 2021 10:32

Tgt Ion: 117 Resp: 1006835
Ion Ratio Lower Upper
117 100
82 52.3 41.4 62.0
119 32.5 26.1 39.1

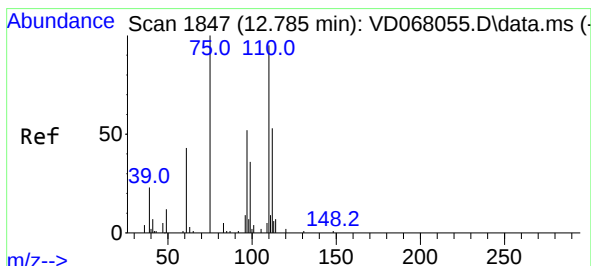
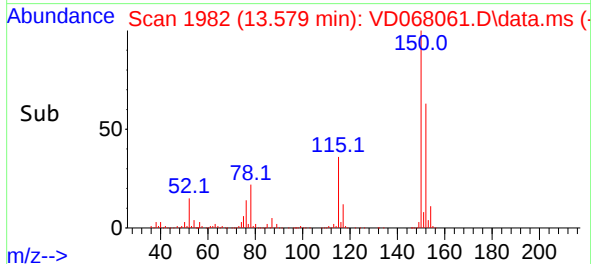
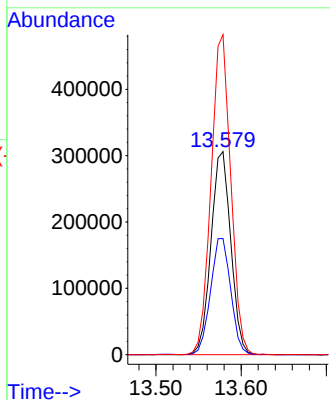
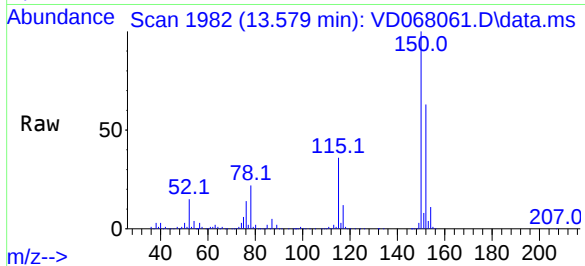




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VD068061.D
Acq: 13 Jan 2021 10:32

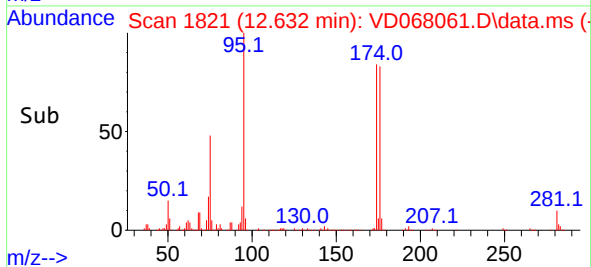
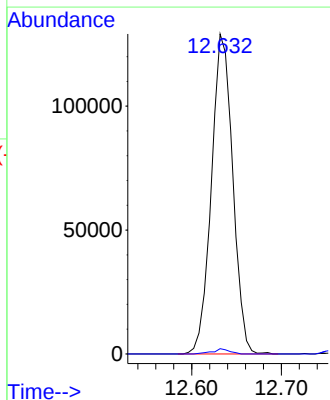
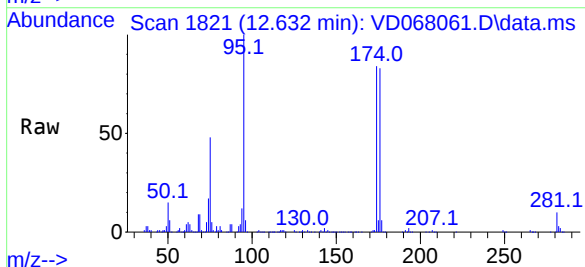
Instrument :
MSVOA_D
ClientSampleId :
VD0113SBL01

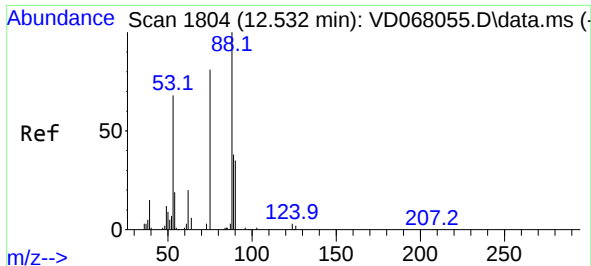
Tgt Ion:152 Resp: 496296
Ion Ratio Lower Upper
152 100
115 58.3 28.9 86.8
150 156.6 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 54.23 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068061.D
Acq: 13 Jan 2021 10:32

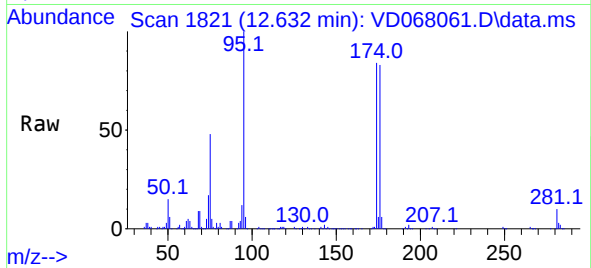
Tgt Ion: 75 Resp: 213231
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 121.67 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.100 min
Lab File: VD068061.D
Acq: 13 Jan 2021 10:32

Instrument :
MSVOA_D
ClientSampleId :
VD0113SBL01



Tgt Ion: 75 Resp: 213231
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.0 40.3 60.5#

