

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010721\
 Data File : VD068024.D
 Acq On : 07 Jan 2021 10:32
 Operator : VA/SY
 Sample : VD0107SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0107SBL01

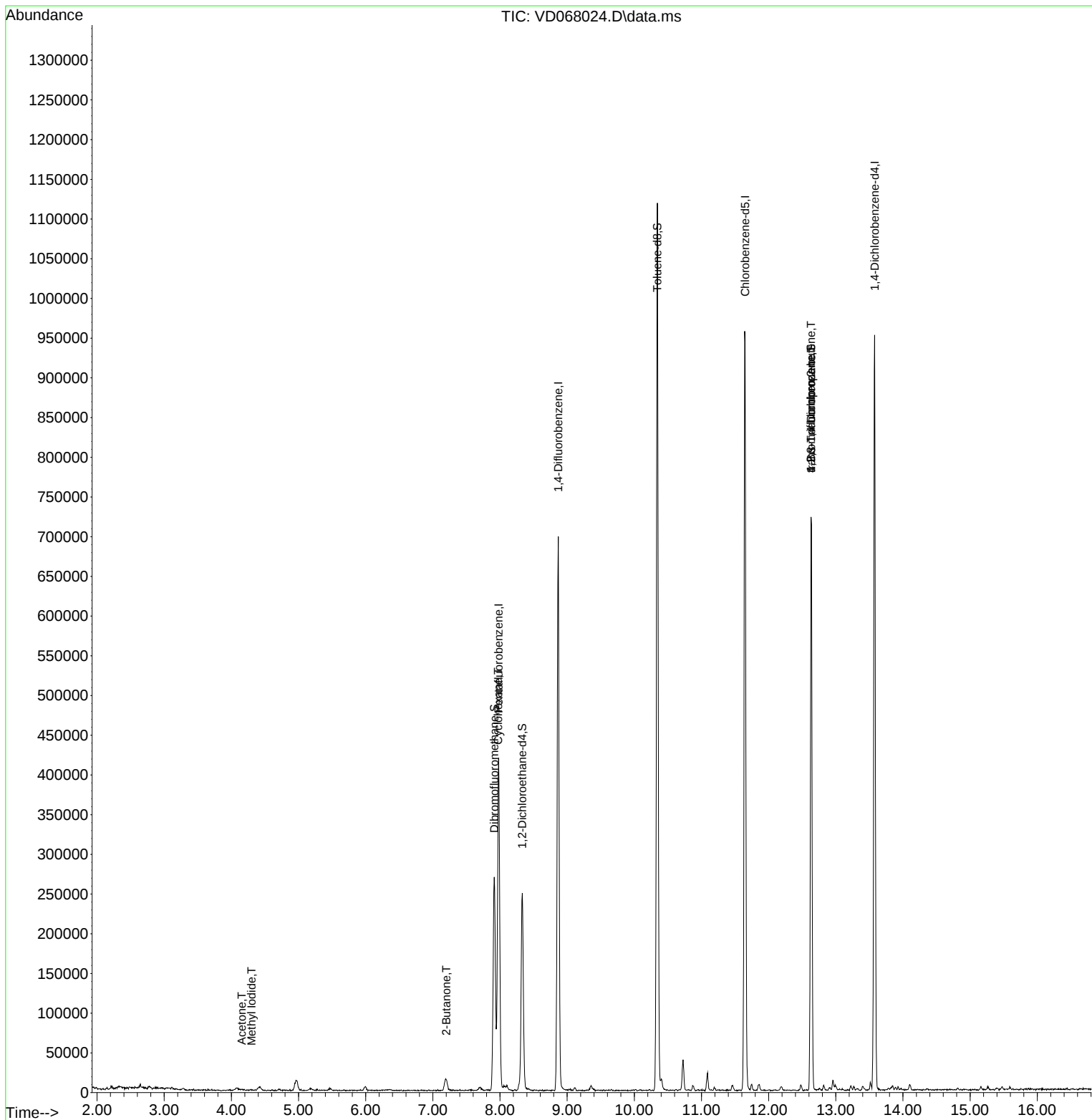
Quant Time: Jan 08 00:12:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 23 07:34:16 2020
 Response via : Initial Calibration

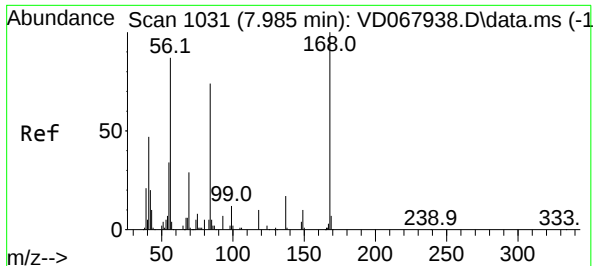
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	287258	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	569759	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	555046	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	244299	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	198261	63.91	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 127.82%		
35) Dibromofluoromethane	7.914	113	196192	54.65	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 109.30%		
50) Toluene-d8	10.344	98	730969	54.17	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 108.34%		
62) 4-Bromofluorobenzene	12.632	95	231166	50.08	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 100.16%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.785	94	2053	Below Cal	#	51
10) Methyl Iodide	4.303	142	587	4.01 ug/l	#	91
11) Tert butyl alcohol	5.197	59	1447	Below Cal	#	74
16) Acetone	4.156	43	1859	3.14 ug/l	#	77
20) Methylene Chloride	4.962	84	9723	Below Cal	#	90
25) 2-Butanone	7.203	43	941	1.08 ug/l	#	49
31) Cyclohexane	7.973	56	9017	1.42 ug/l	#	3
76) 1,2,3-Trichloropropane	12.632	75	123337	59.96 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.632	75	123337	122.92 ug/l	#	12

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

Quant Time: Jan 08 00:12:33 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 23 07:34:16 2020
Response via : Initial Calibration

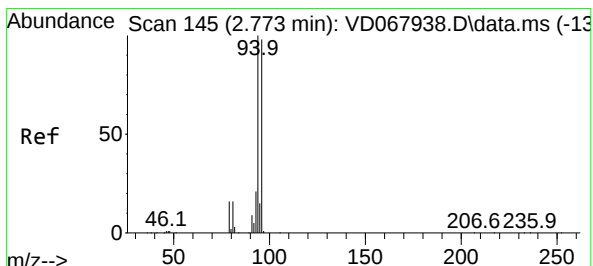
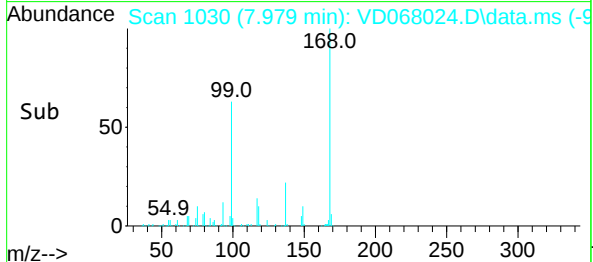
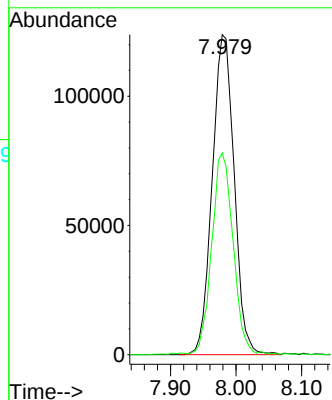
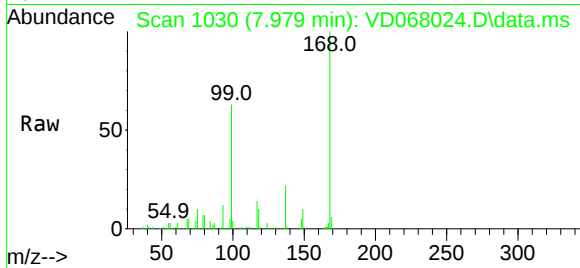




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068024.D
Acq: 07 Jan 2021 10:32

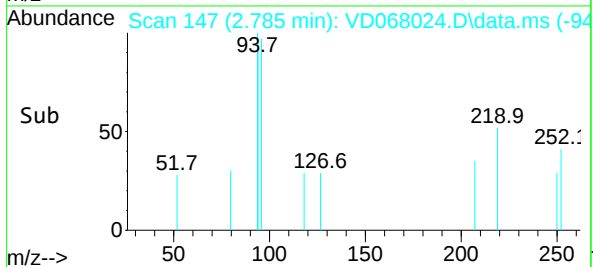
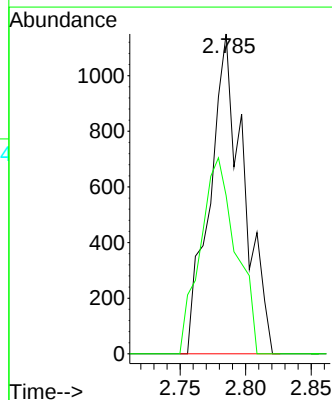
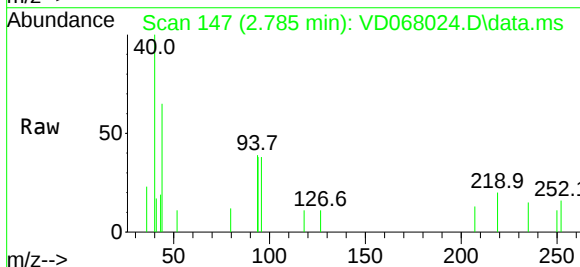
Instrument :
MSVOA_D
ClientSampleId :
VD0107SBL01

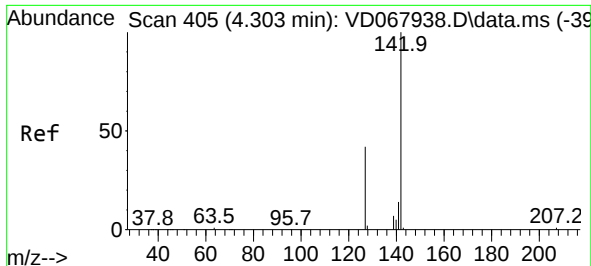
Tgt Ion:168 Resp: 287258
Ion Ratio Lower Upper
168 100
99 62.8 48.0 72.0



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.012 min
Lab File: VD068024.D
Acq: 07 Jan 2021 10:32

Tgt Ion: 94 Resp: 2053
Ion Ratio Lower Upper
94 100
96 49.5 78.0 117.0#

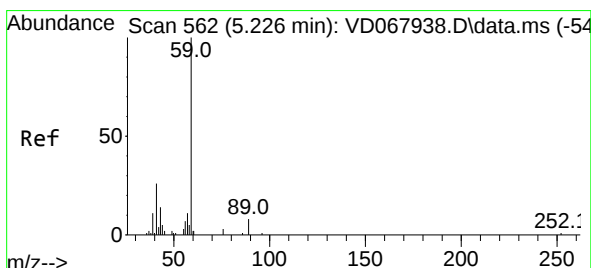
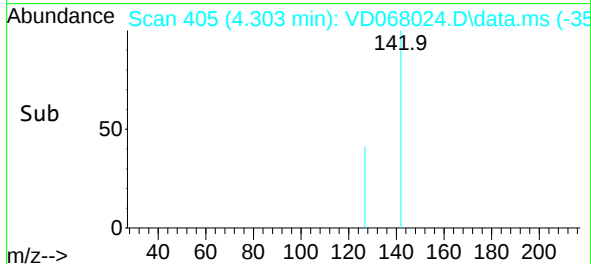
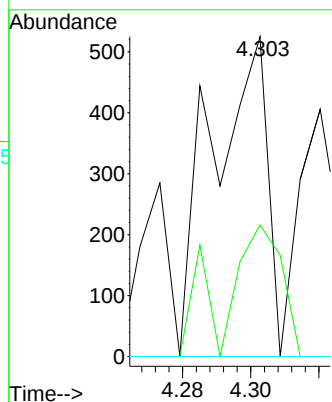
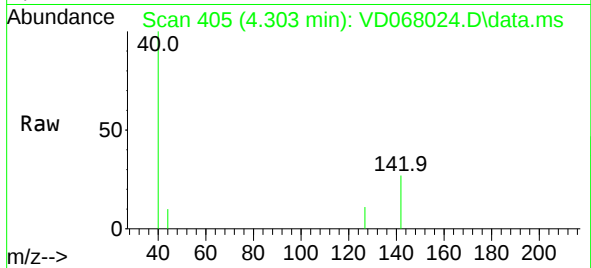




#10
Methyl Iodide
Concen: 4.01 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD068024.D
Acq: 07 Jan 2021 10:32

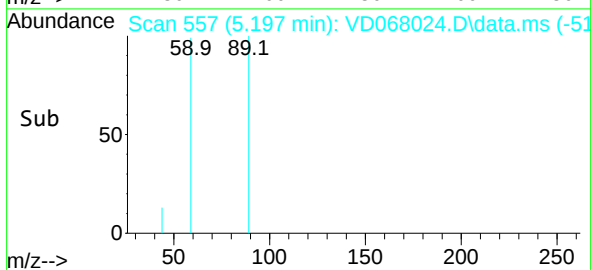
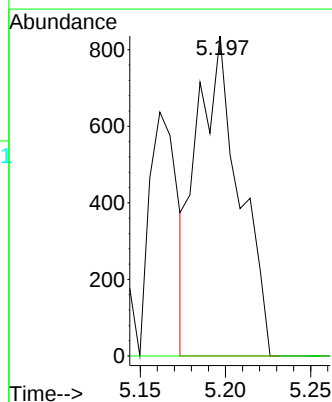
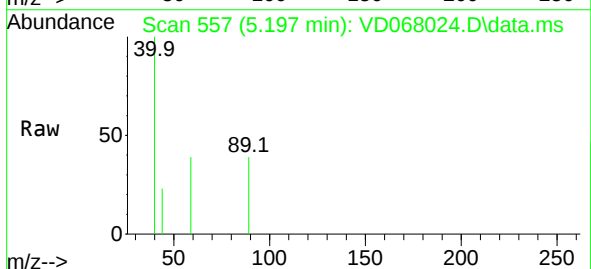
Instrument :
MSVOA_D
ClientSampleId :
VD0107SBL01

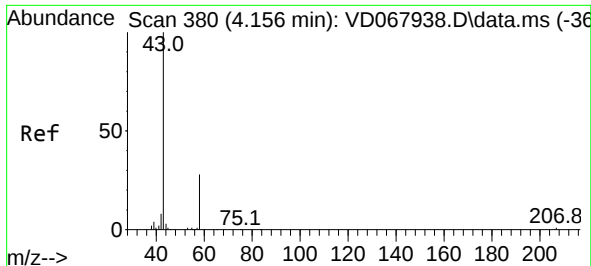
Tgt Ion:142 Resp: 587
Ion Ratio Lower Upper
142 100
127 43.3 34.4 51.6
141 0.0 11.8 17.8#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.197 min Scan# 557
Delta R.T. -0.029 min
Lab File: VD068024.D
Acq: 07 Jan 2021 10:32

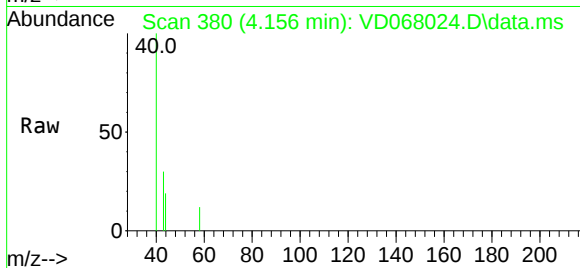
Tgt Ion: 59 Resp: 1447
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



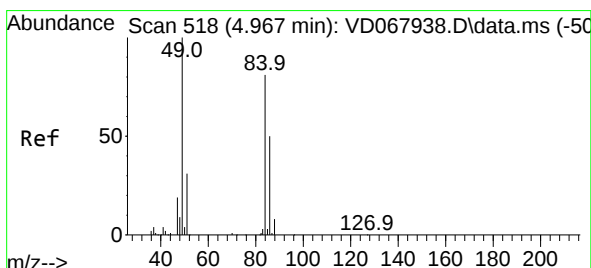
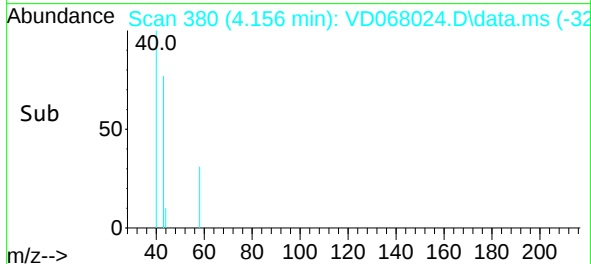
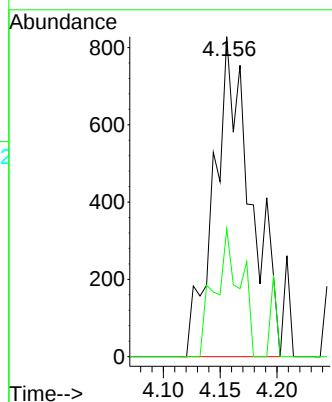


#16
Acetone
Concen: 3.14 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD068024.D
Acq: 07 Jan 2021 10:32

Instrument :
MSVOA_D
ClientSampleId :
VD0107SBL01

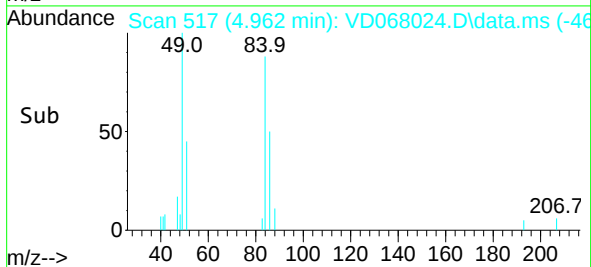
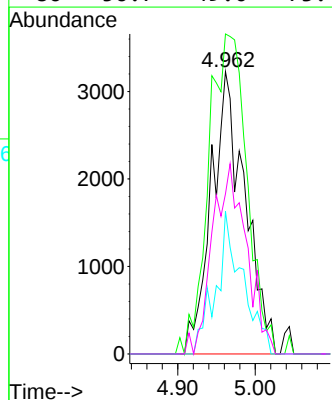
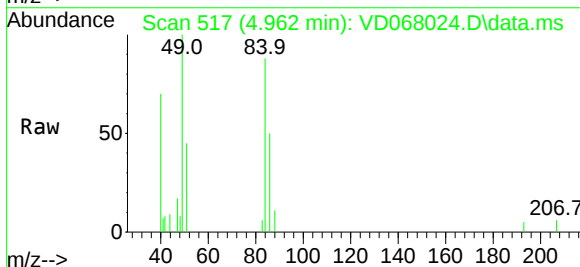


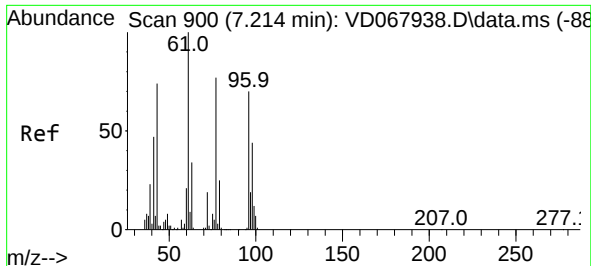
Tgt Ion: 43 Resp: 1859
Ion Ratio Lower Upper
43 100
58 40.0 22.3 33.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.005 min
Lab File: VD068024.D
Acq: 07 Jan 2021 10:32

Tgt Ion: 84 Resp: 9723
Ion Ratio Lower Upper
84 100
49 113.3 98.3 147.5
51 50.5 30.3 45.5#
86 56.7 49.0 73.4

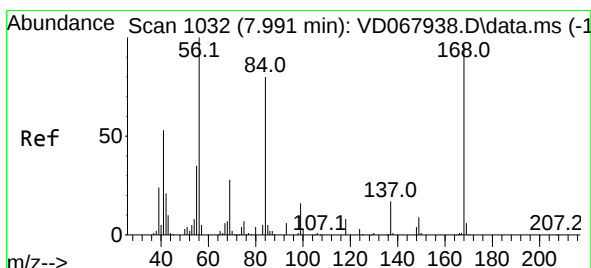
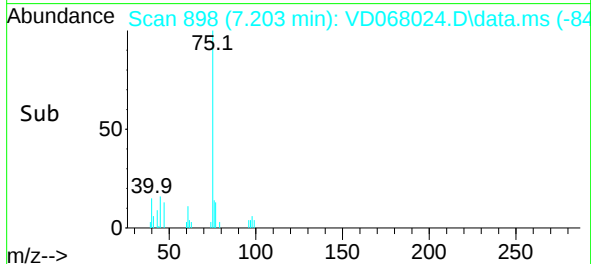
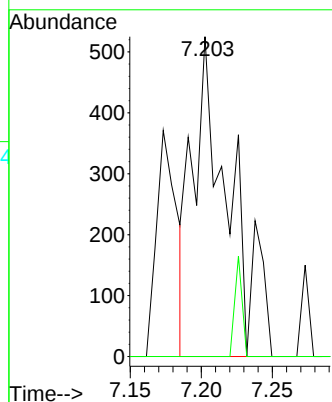
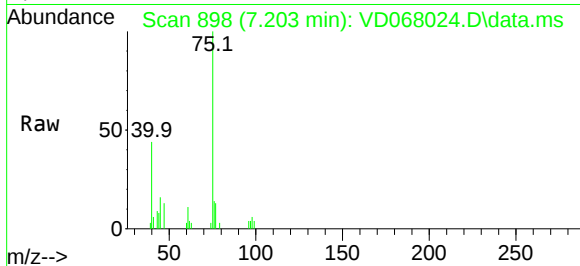




#25
2-Butanone
Concen: 1.08 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.012 min
Lab File: VD068024.D
Acq: 07 Jan 2021 10:32

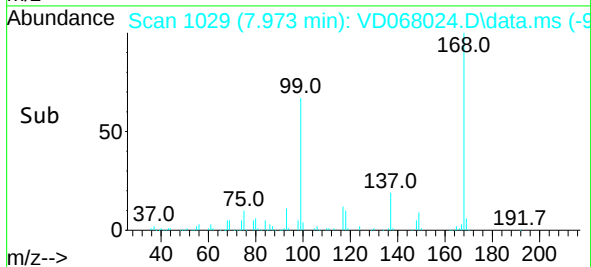
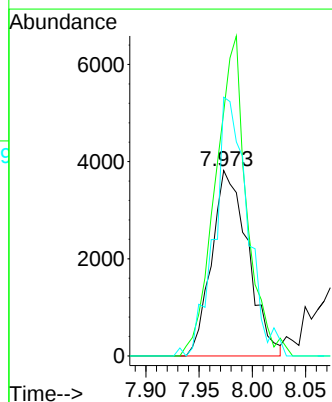
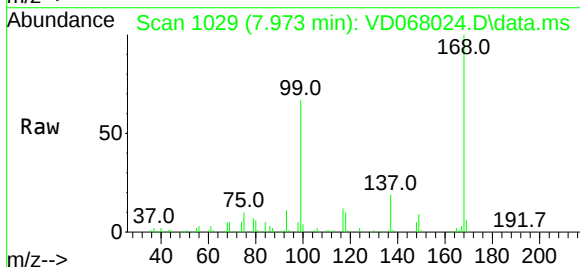
Instrument :
MSVOA_D
ClientSampleId :
VD0107SBL01

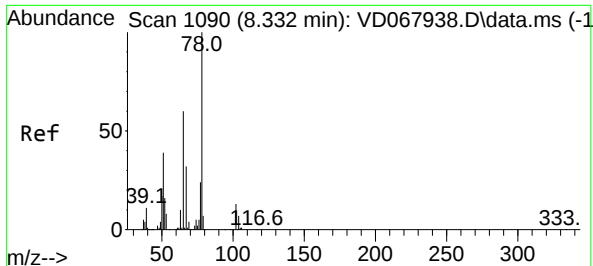
Tgt Ion: 43 Resp: 941
Ion Ratio Lower Upper
43 100
72 0.0 20.8 31.2#



#31
Cyclohexane
Concen: 1.42 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.018 min
Lab File: VD068024.D
Acq: 07 Jan 2021 10:32

Tgt Ion: 56 Resp: 9017
Ion Ratio Lower Upper
56 100
69 131.6 22.7 34.1#
84 135.2 64.2 96.4#

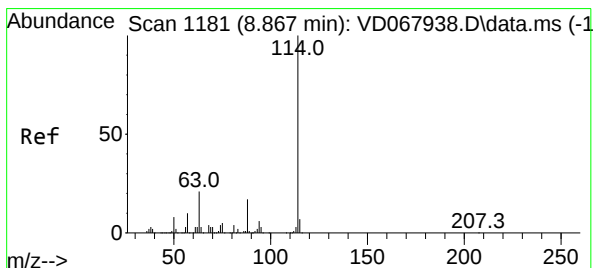
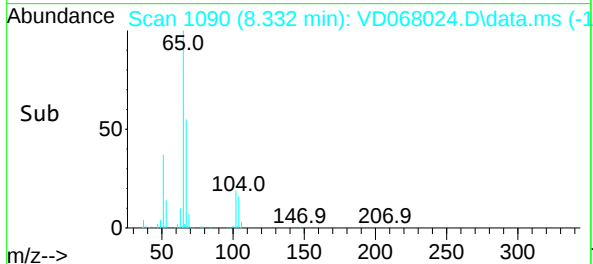
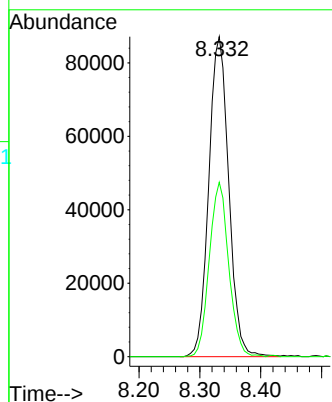
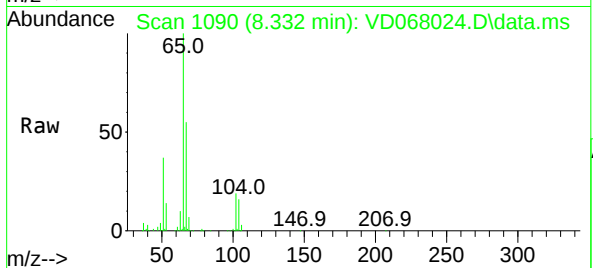




#33
1,2-Dichloroethane-d4
Concen: 63.91 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068024.D
Acq: 07 Jan 2021 10:32

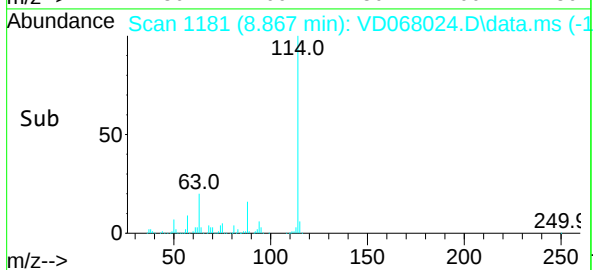
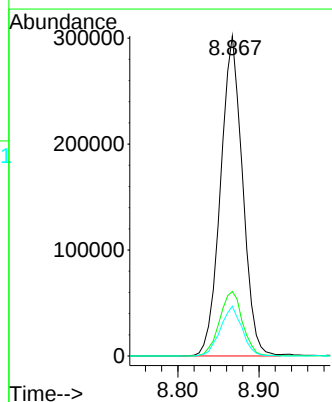
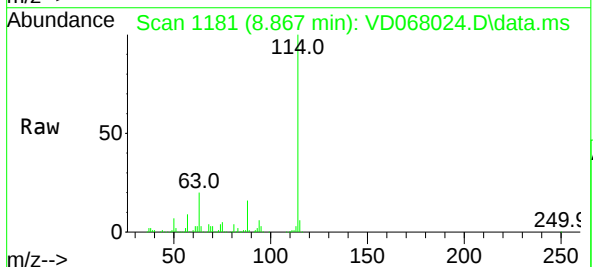
Instrument :
MSVOA_D
ClientSampleId :
VD0107SBL01

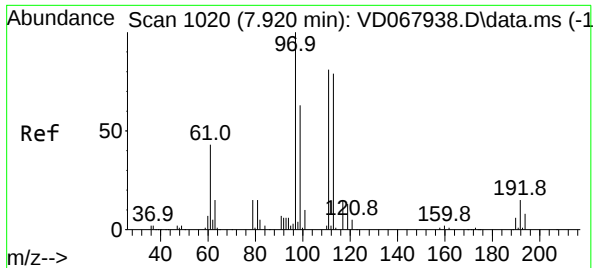
Tgt Ion: 65 Resp: 198261
Ion Ratio Lower Upper
65 100
67 53.0 0.0 110.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068024.D
Acq: 07 Jan 2021 10:32

Tgt Ion: 114 Resp: 569759
Ion Ratio Lower Upper
114 100
63 20.1 0.0 41.4
88 15.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 54.65 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068024.D

Acq: 07 Jan 2021 10:32

Tgt Ion:113 Resp: 196192

Ion Ratio Lower Upper

113 100

111 103.0 79.3 118.9

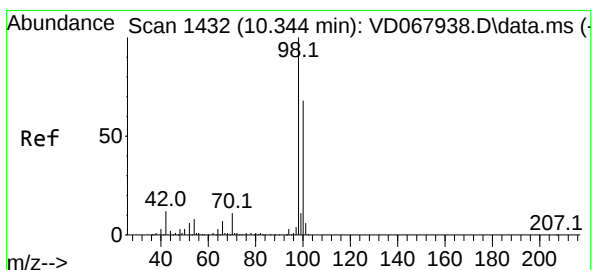
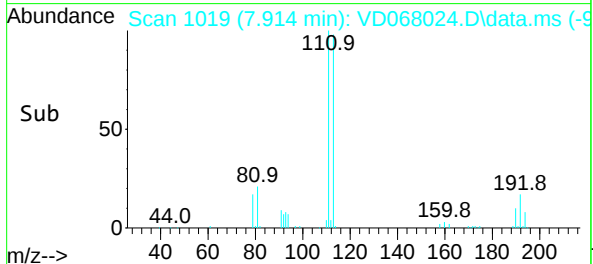
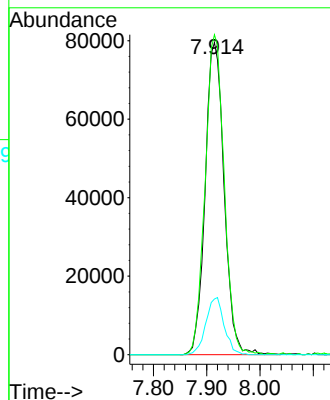
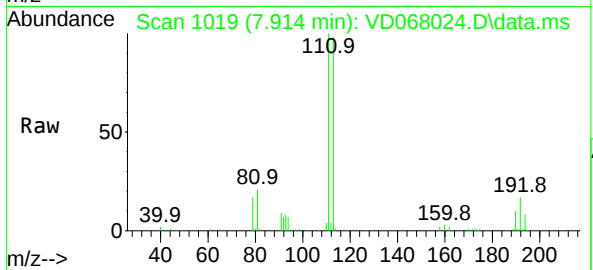
192 17.7 14.5 21.7

Instrument :

MSVOA_D

ClientSampleId :

VD0107SBL01



#50

Toluene-d8

Concen: 54.17 ug/l

RT: 10.344 min Scan# 1432

Delta R.T. 0.000 min

Lab File: VD068024.D

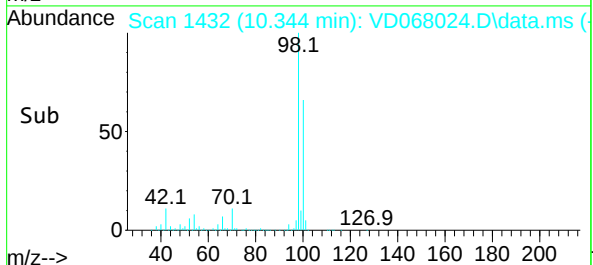
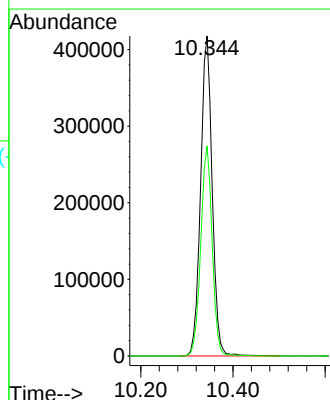
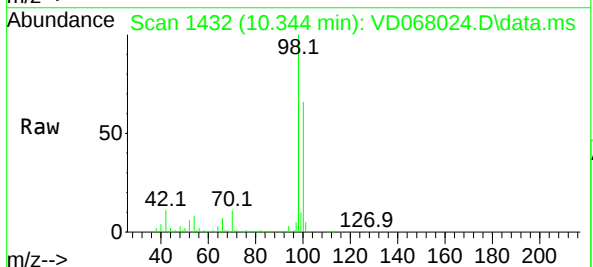
Acq: 07 Jan 2021 10:32

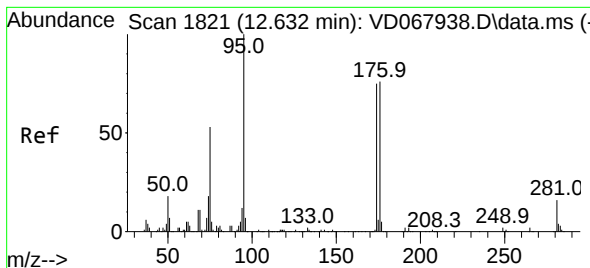
Tgt Ion: 98 Resp: 730969

Ion Ratio Lower Upper

98 100

100 64.7 52.5 78.7

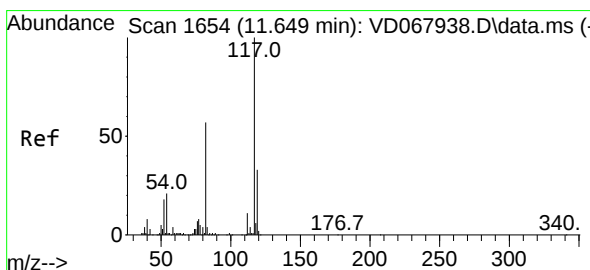
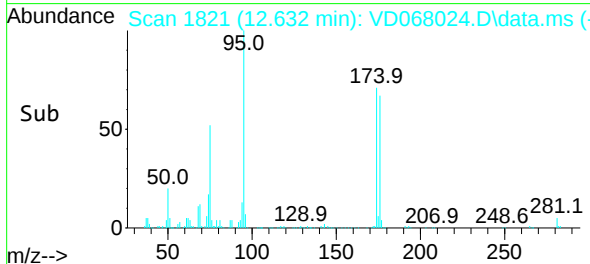
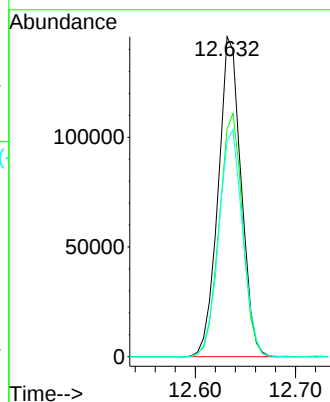
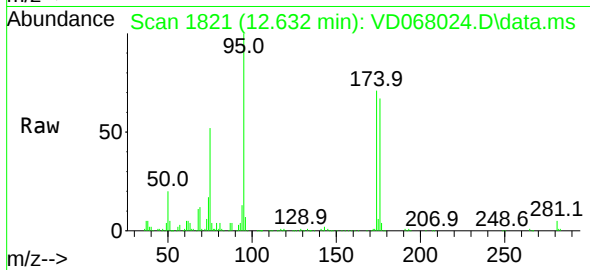




#62
4-Bromofluorobenzene
Concen: 50.08 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068024.D
Acq: 07 Jan 2021 10:32

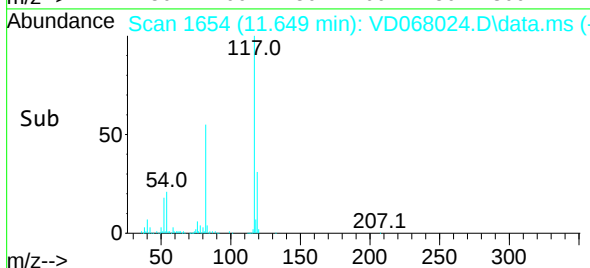
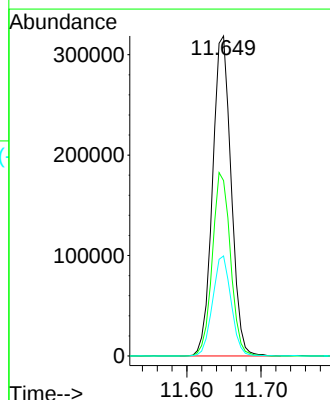
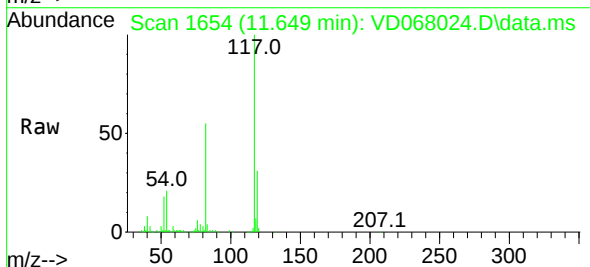
Instrument :
MSVOA_D
ClientSampleId :
VD0107SBL01

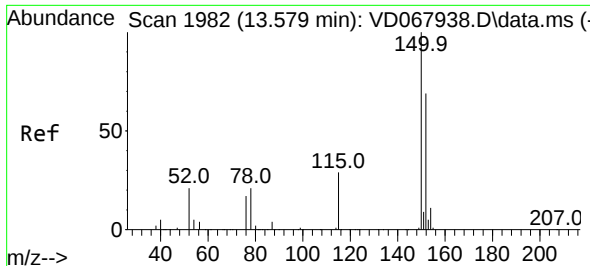
Tgt Ion: 95 Resp: 231166
Ion Ratio Lower Upper
95 100
174 77.3 0.0 150.6
176 74.2 0.0 151.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068024.D
Acq: 07 Jan 2021 10:32

Tgt Ion: 117 Resp: 555046
Ion Ratio Lower Upper
117 100
82 54.8 45.4 68.0
119 31.3 26.7 40.1

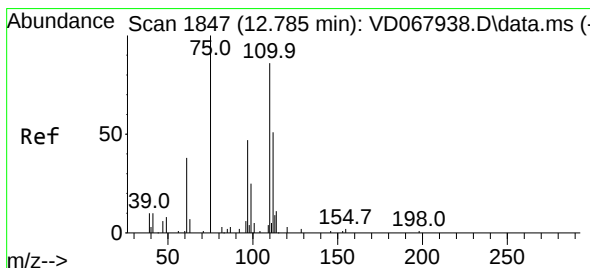
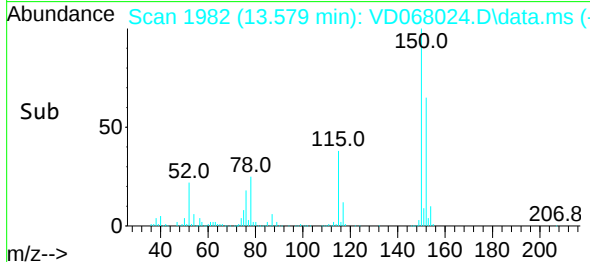
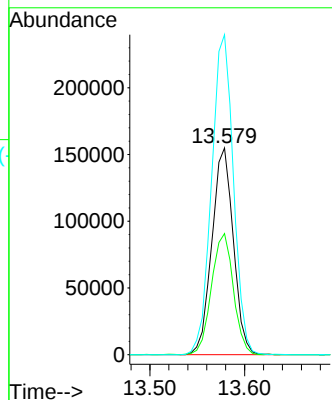
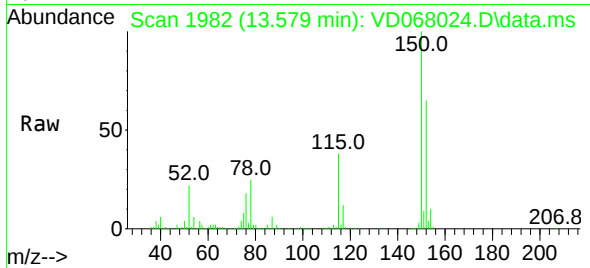




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VD068024.D
Acq: 07 Jan 2021 10:32

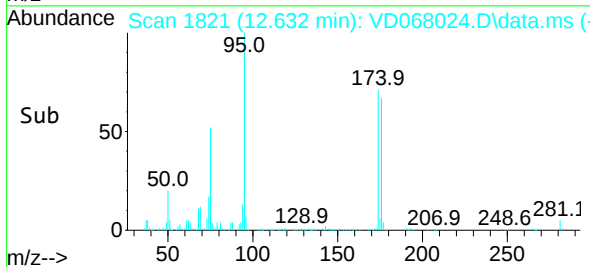
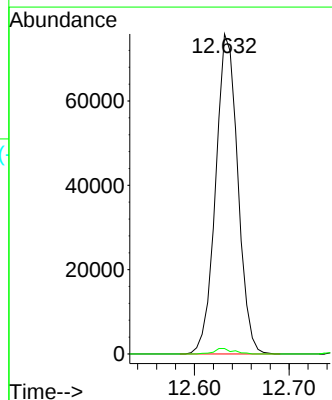
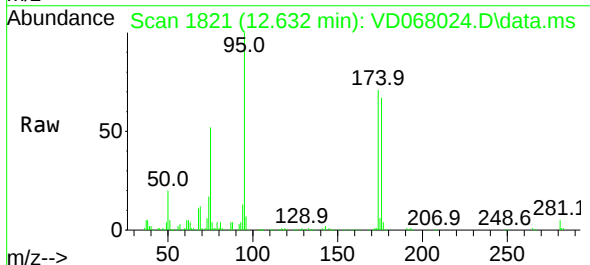
Instrument :
MSVOA_D
ClientSampleId :
VD0107SBL01

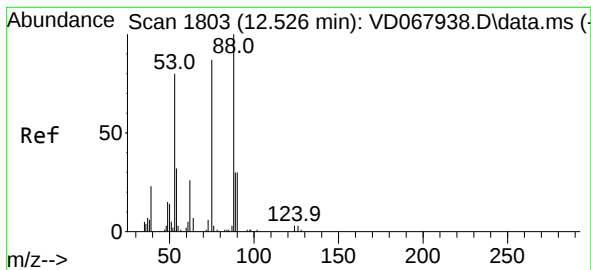
Tgt Ion:152 Resp: 244299
Ion Ratio Lower Upper
152 100
115 59.6 29.3 88.0
150 157.4 0.0 340.0



#76
1,2,3-Trichloropropane
Concen: 59.96 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068024.D
Acq: 07 Jan 2021 10:32

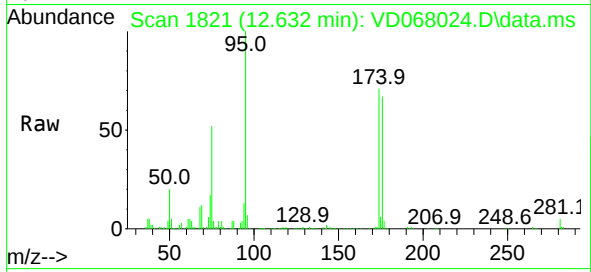
Tgt Ion: 75 Resp: 123337
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 122.92 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068024.D
Acq: 07 Jan 2021 10:32

Instrument :
MSVOA_D
ClientSampleId :
VD0107SBL01



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	74.9	112.3#
89	0.1	33.8	50.8#

