

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010821\
 Data File : VD068045.D
 Acq On : 08 Jan 2021 13:28
 Operator : VA/SY
 Sample : VD0108SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0108SBL01

Quant Time: Jan 08 21:49:02 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)

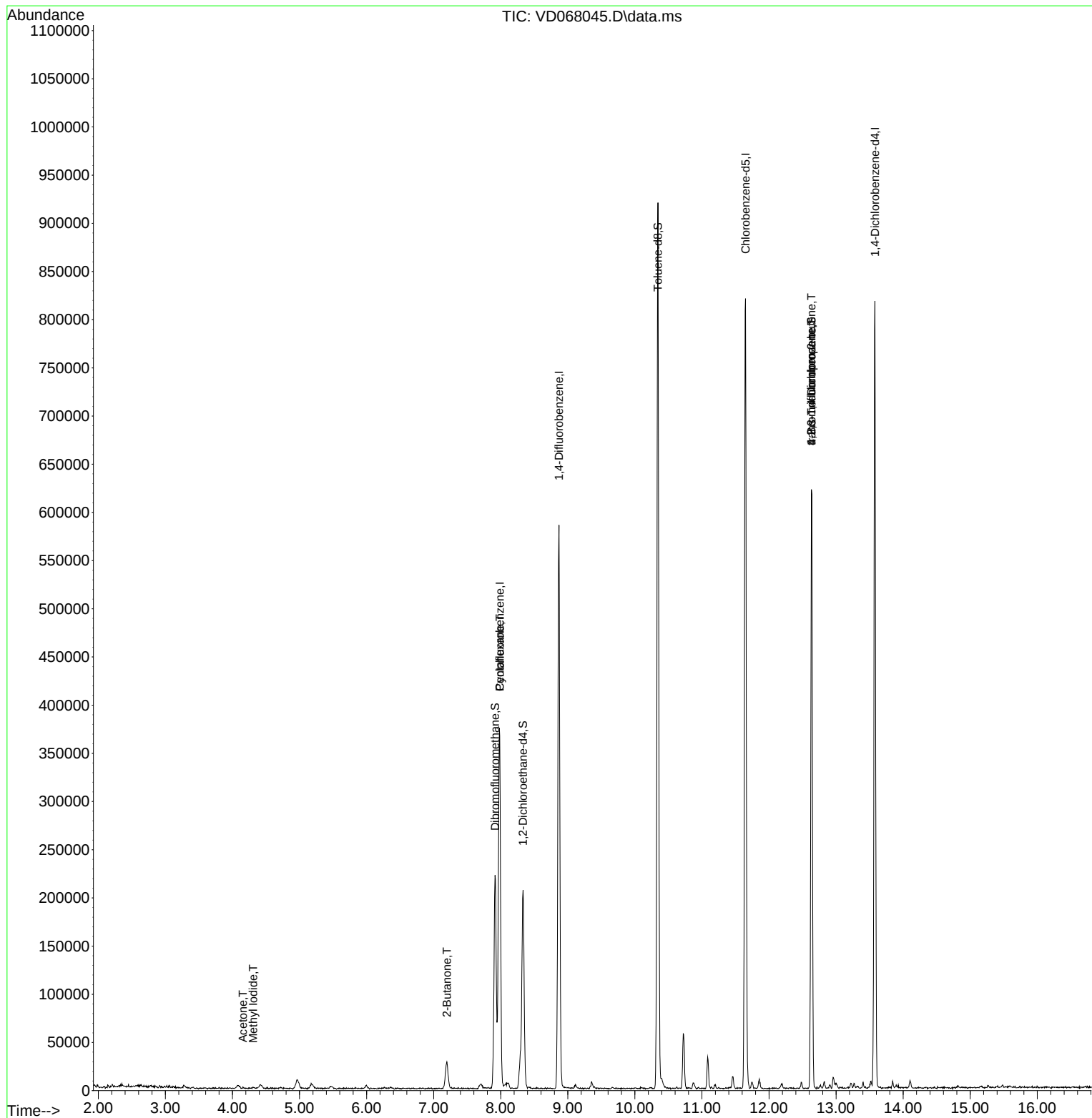
Internal Standards						
1) Pentafluorobenzene	7.985	168	253907	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	485522	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	477309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	200268	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	159293	58.10	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.20%
35) Dibromofluoromethane	7.914	113	159400	52.10	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.20%
50) Toluene-d8	10.344	98	612718	53.29	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.58%
62) 4-Bromofluorobenzene	12.632	95	207294	52.70	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.40%
Target Compounds						
					Qvalue	
5) Bromomethane	2.768	94	361	Below Cal	#	51
10) Methyl Iodide	4.309	142	838	4.11 ug/l	#	91
11) Tert butyl alcohol	5.179	59	4658	Below Cal	#	74
16) Acetone	4.156	43	1191	2.28 ug/l	#	57
20) Methylene Chloride	4.962	84	7402	Below Cal	#	87
25) 2-Butanone	7.197	43	1604	2.08 ug/l		97
31) Cyclohexane	7.985	56	8764	1.56 ug/l	#	36
76) 1,2,3-Trichloropropane	12.632	75	109331	64.84 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.632	75	109331	132.91 ug/l	#	13

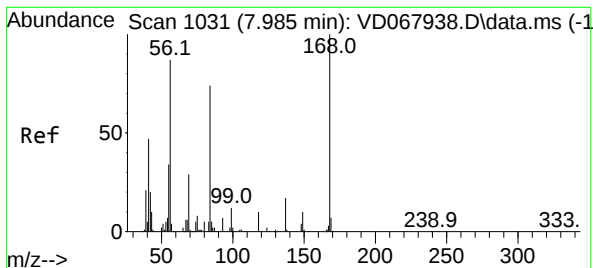
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010821\
Data File : VD068045.D
Acq On : 08 Jan 2021 13:28
Operator : VA/SY
Sample : VD0108SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0108SBL01

Quant Time: Jan 08 21:49:02 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

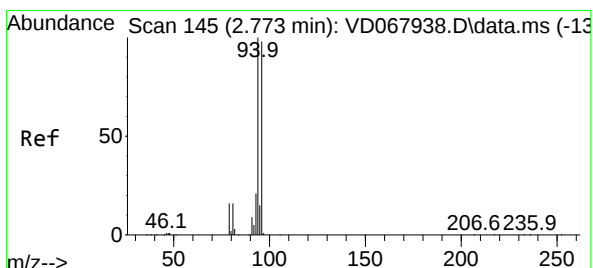
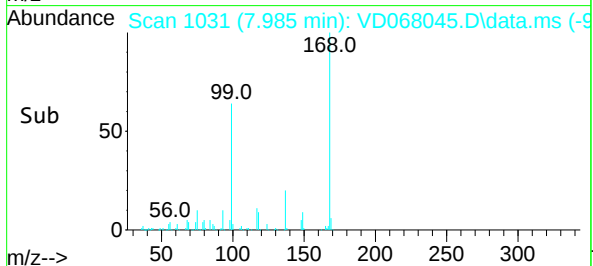
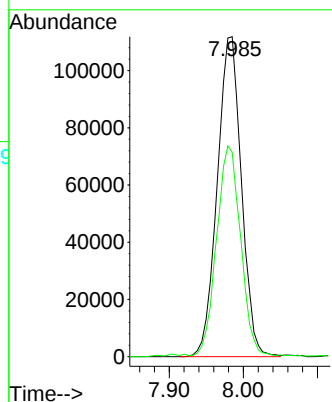
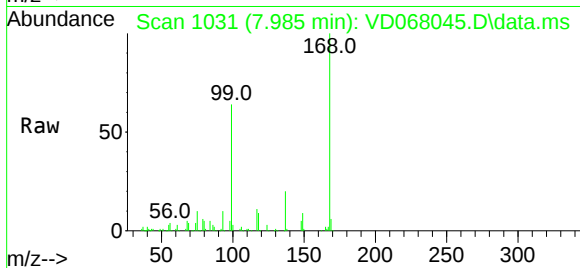




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068045.D
Acq: 08 Jan 2021 13:28

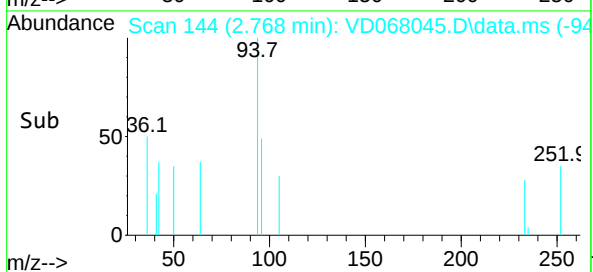
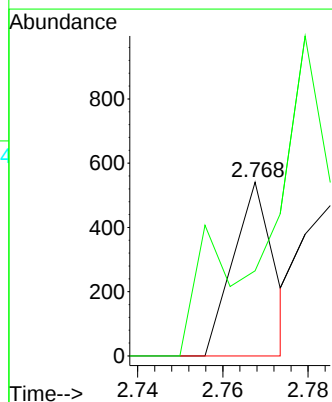
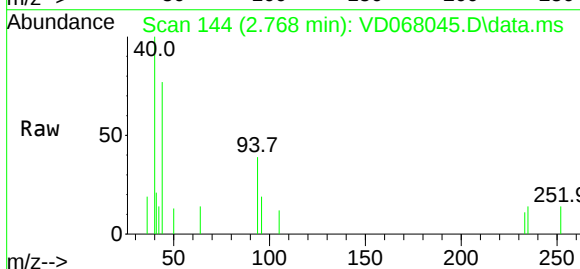
Instrument :
MSVOA_D
ClientSampleId :
VD0108SBL01

Tgt Ion:168 Resp: 253907
Ion Ratio Lower Upper
168 100
99 63.5 48.0 72.0



#5
Bromomethane
Concen: Below Cal
RT: 2.768 min Scan# 144
Delta R.T. -0.005 min
Lab File: VD068045.D
Acq: 08 Jan 2021 13:28

Tgt Ion: 94 Resp: 361
Ion Ratio Lower Upper
94 100
96 49.0 78.0 117.0#

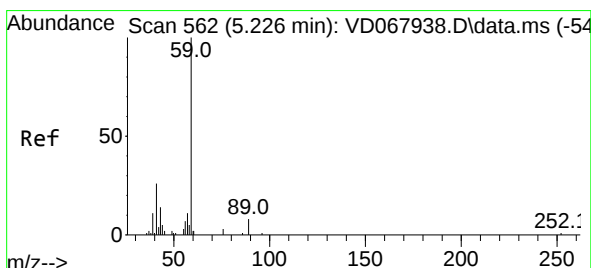
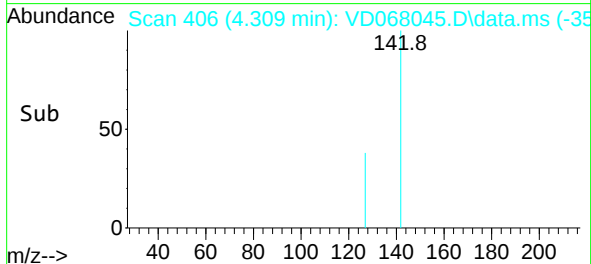
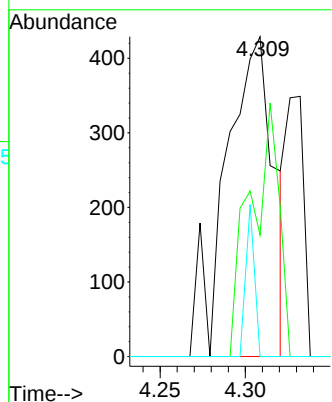
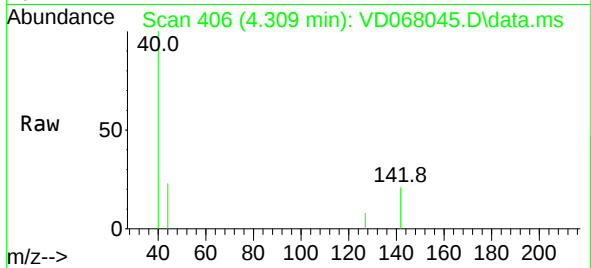




#10
Methyl Iodide
Concen: 4.11 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD068045.D
Acq: 08 Jan 2021 13:28

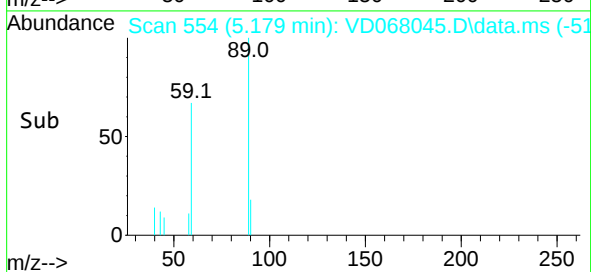
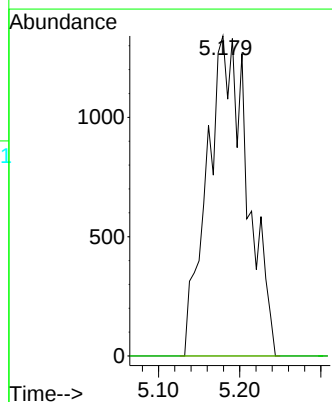
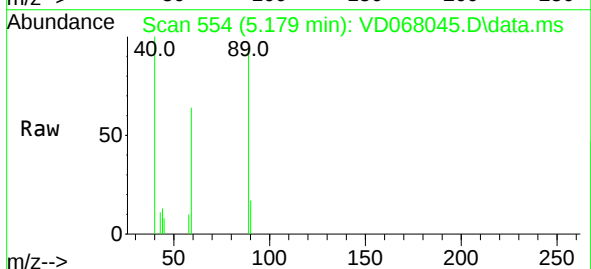
Instrument :
MSVOA_D
ClientSampleId :
VD0108SBL01

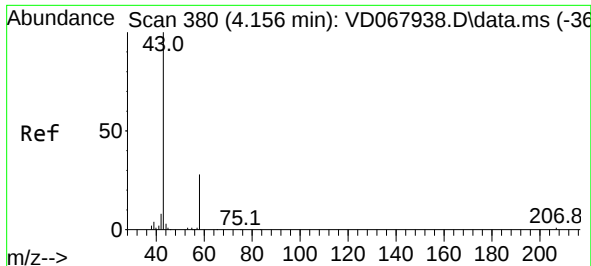
Tgt Ion:142 Resp: 838
Ion Ratio Lower Upper
142 100
127 47.4 34.4 51.6
141 8.6 11.8 17.8#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.179 min Scan# 554
Delta R.T. -0.047 min
Lab File: VD068045.D
Acq: 08 Jan 2021 13:28

Tgt Ion: 59 Resp: 4658
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

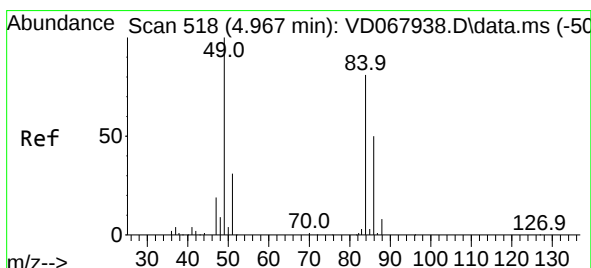
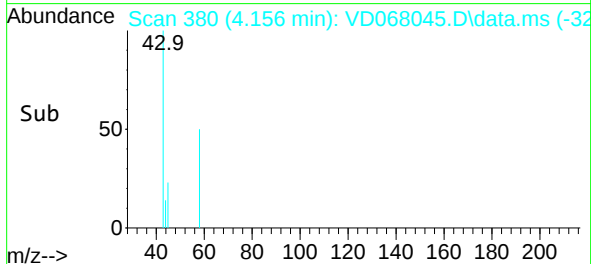
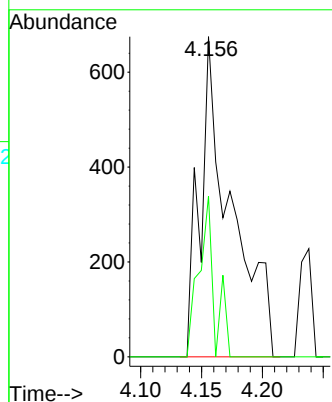
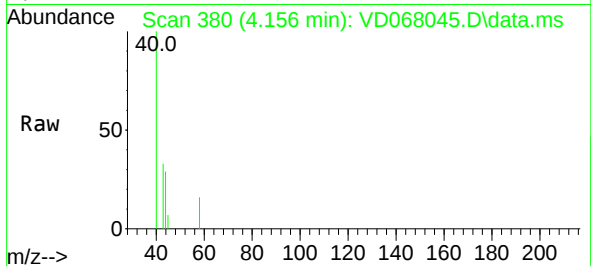




#16
Acetone
Concen: 2.28 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD068045.D
Acq: 08 Jan 2021 13:28

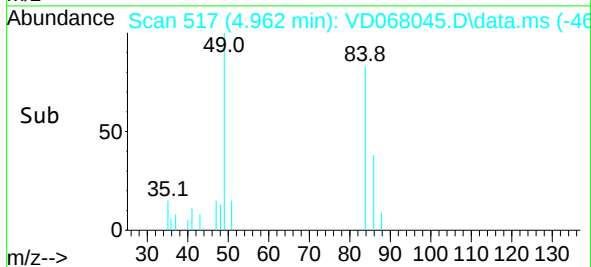
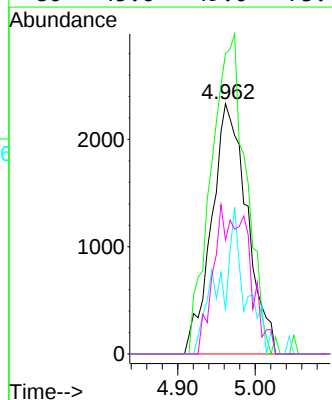
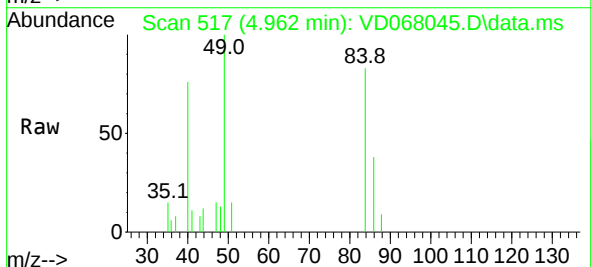
Instrument :
MSVOA_D
ClientSampleId :
VD0108SBL01

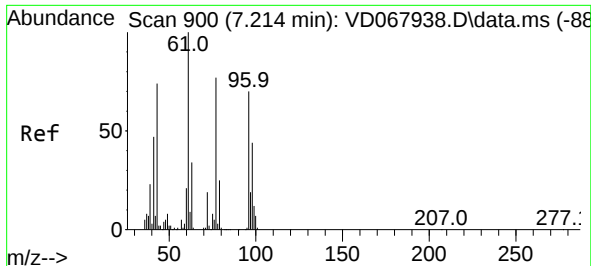
Tgt Ion: 43 Resp: 1191
Ion Ratio Lower Upper
43 100
58 50.2 22.3 33.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.005 min
Lab File: VD068045.D
Acq: 08 Jan 2021 13:28

Tgt Ion: 84 Resp: 7402
Ion Ratio Lower Upper
84 100
49 120.0 98.3 147.5
51 17.4 30.3 45.5#
86 45.6 49.0 73.4#

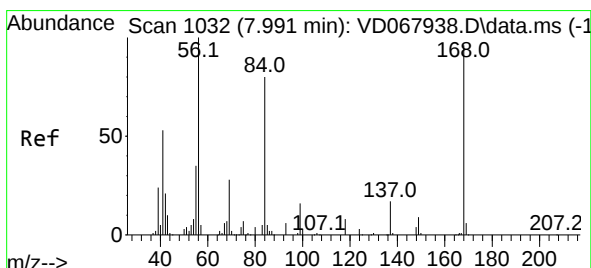
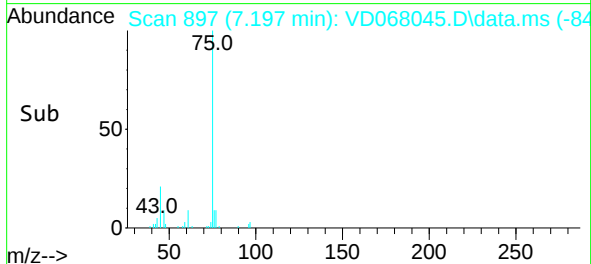
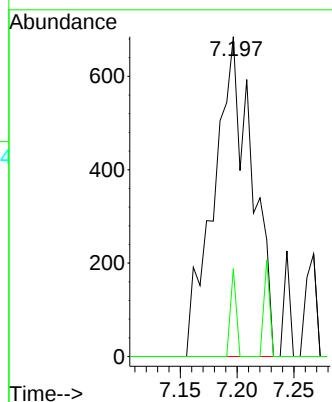
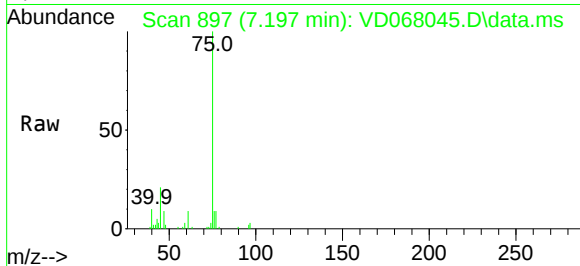




#25
2-Butanone
Concen: 2.08 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.018 min
Lab File: VD068045.D
Acq: 08 Jan 2021 13:28

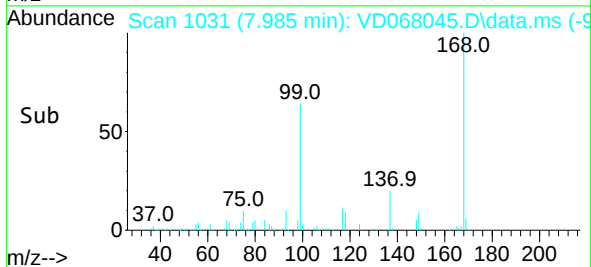
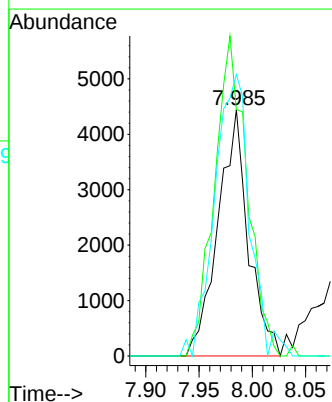
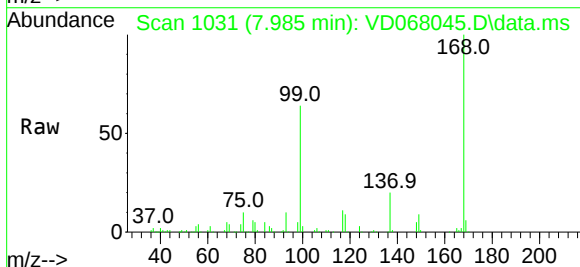
Instrument :
MSVOA_D
ClientSampleId :
VD0108SBL01

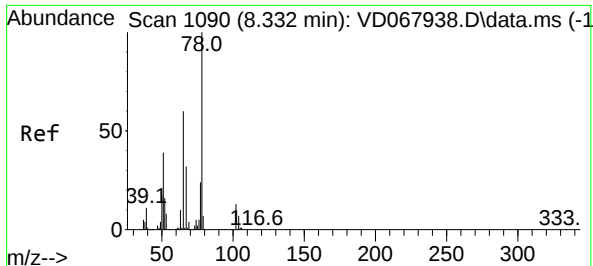
Tgt Ion: 43 Resp: 1604
Ion Ratio Lower Upper
43 100
72 27.4 20.8 31.2



#31
Cyclohexane
Concen: 1.56 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068045.D
Acq: 08 Jan 2021 13:28

Tgt Ion: 56 Resp: 8764
Ion Ratio Lower Upper
56 100
69 100.0 22.7 34.1#
84 114.2 64.2 96.4#

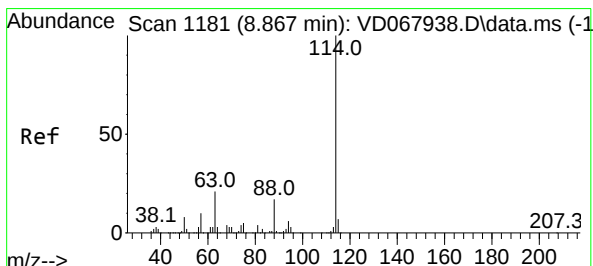
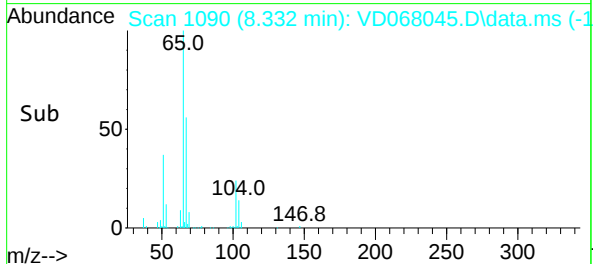
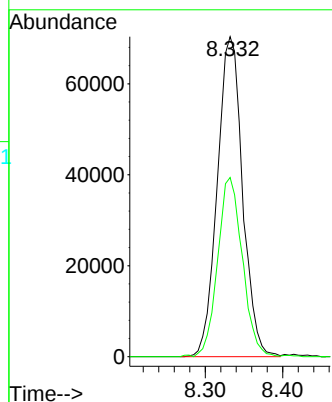
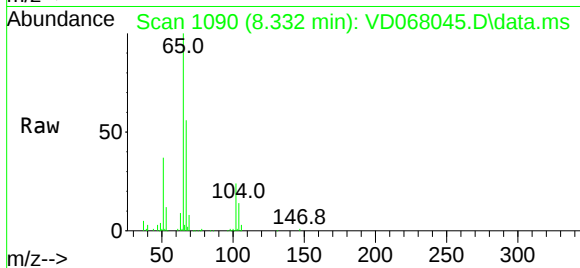




#33
1,2-Dichloroethane-d4
Concen: 58.10 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068045.D
Acq: 08 Jan 2021 13:28

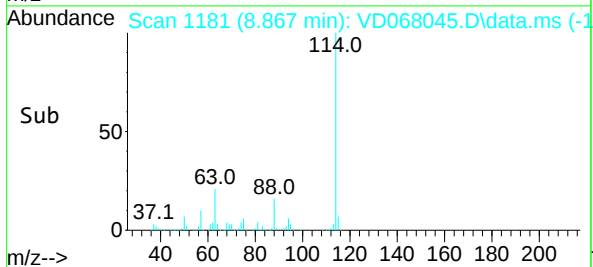
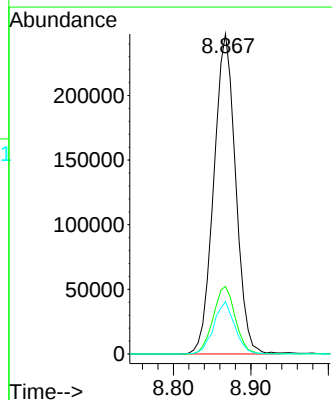
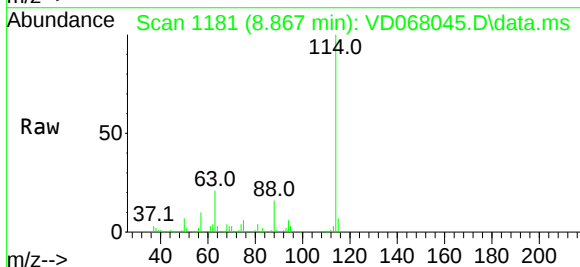
Instrument :
MSVOA_D
ClientSampleId :
VD0108SBL01

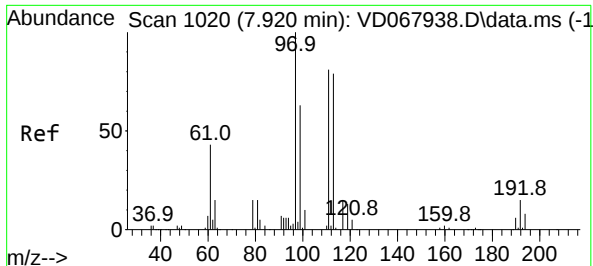
Tgt Ion: 65 Resp: 159293
Ion Ratio Lower Upper
65 100
67 54.9 0.0 110.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068045.D
Acq: 08 Jan 2021 13:28

Tgt Ion: 114 Resp: 485522
Ion Ratio Lower Upper
114 100
63 21.1 0.0 41.4
88 16.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 52.10 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068045.D

Acq: 08 Jan 2021 13:28

Tgt Ion:113 Resp: 159400

Ion Ratio Lower Upper

113 100

111 103.3 79.3 118.9

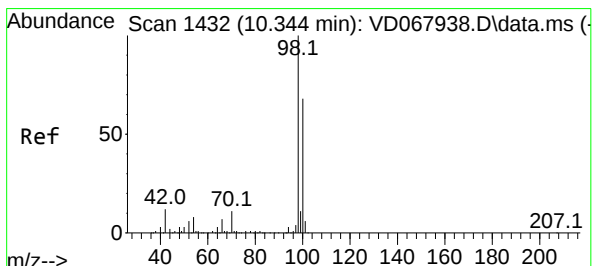
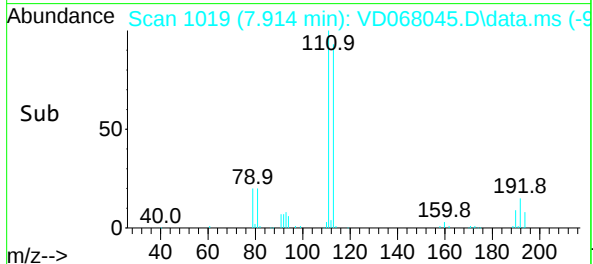
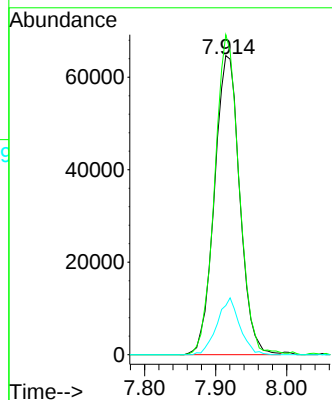
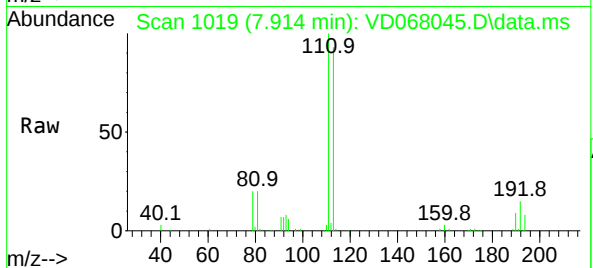
192 17.0 14.5 21.7

Instrument :

MSVOA_D

ClientSampleId :

VD0108SBL01



#50

Toluene-d8

Concen: 53.29 ug/l

RT: 10.344 min Scan# 1432

Delta R.T. 0.000 min

Lab File: VD068045.D

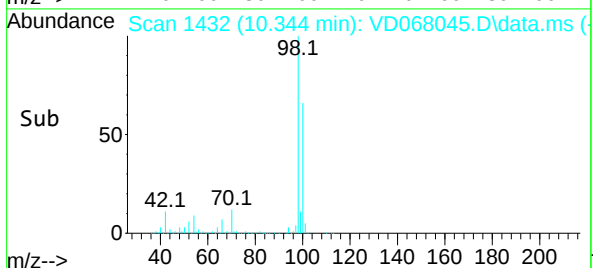
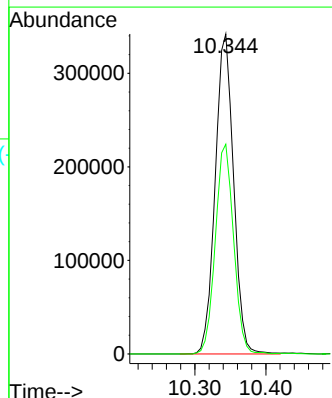
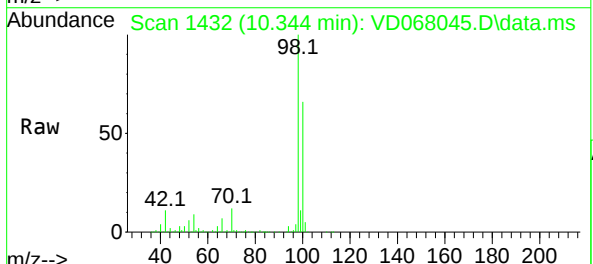
Acq: 08 Jan 2021 13:28

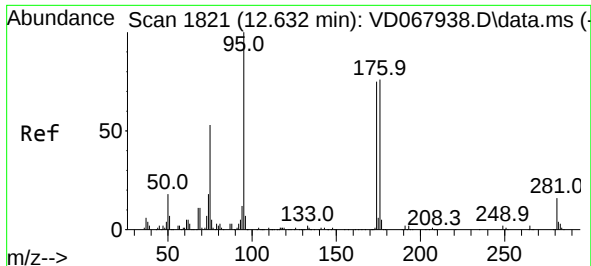
Tgt Ion: 98 Resp: 612718

Ion Ratio Lower Upper

98 100

100 65.2 52.5 78.7

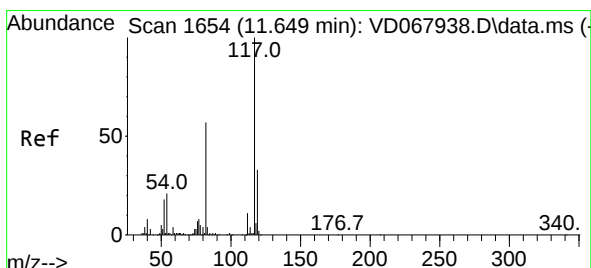
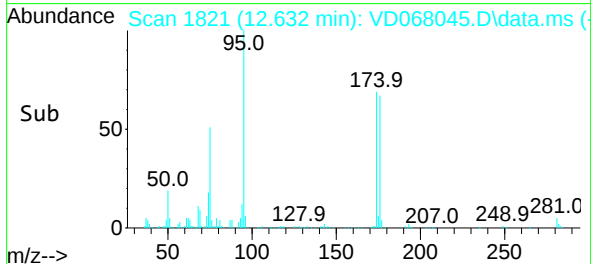
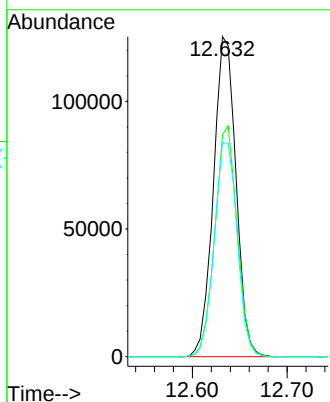
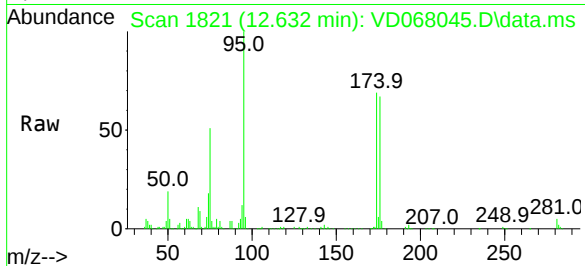




#62
4-Bromofluorobenzene
Concen: 52.70 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068045.D
Acq: 08 Jan 2021 13:28

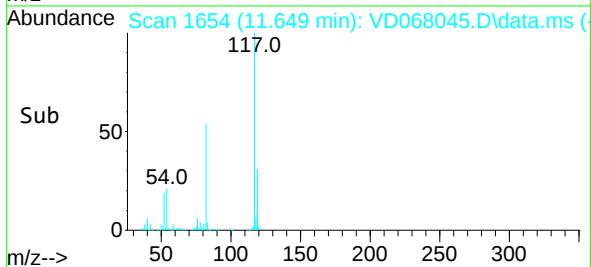
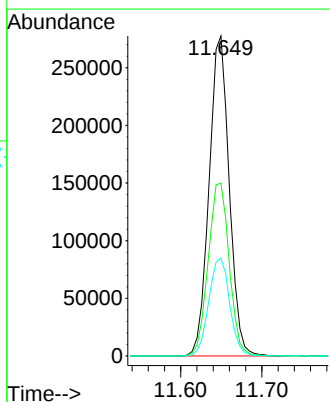
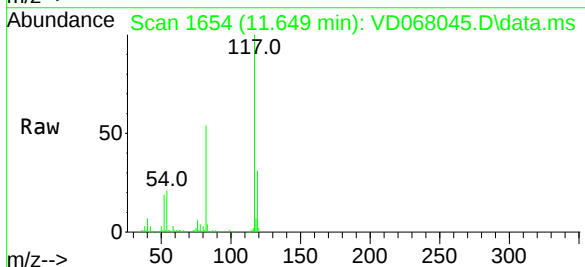
Instrument :
MSVOA_D
ClientSampleId :
VD0108SBL01

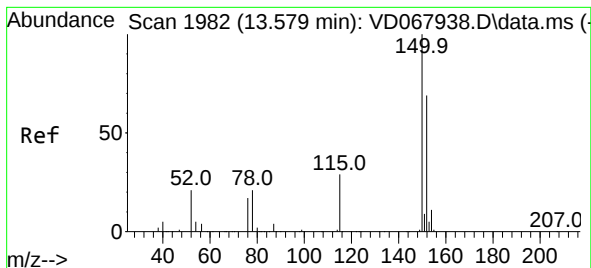
Tgt Ion: 95 Resp: 207294
Ion Ratio Lower Upper
95 100
174 71.6 0.0 150.6
176 68.2 0.0 151.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068045.D
Acq: 08 Jan 2021 13:28

Tgt Ion: 117 Resp: 477309
Ion Ratio Lower Upper
117 100
82 54.0 45.4 68.0
119 30.5 26.7 40.1

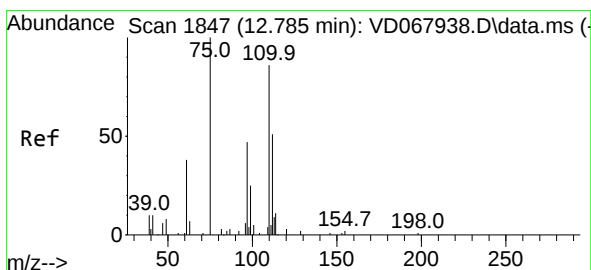
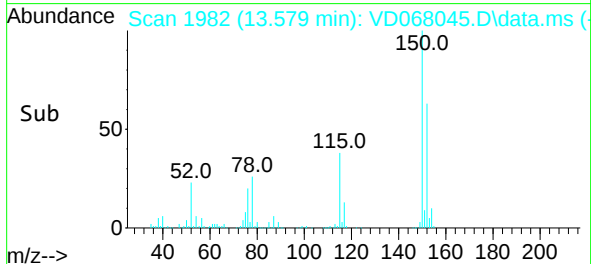
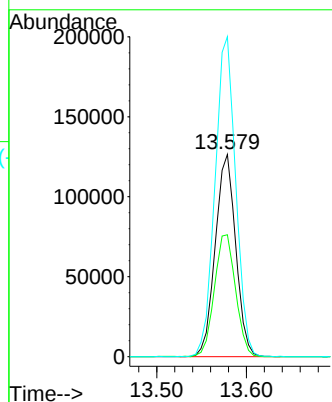
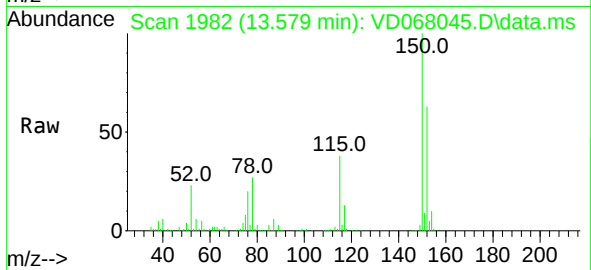




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.579 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VD068045.D
 Acq: 08 Jan 2021 13:28

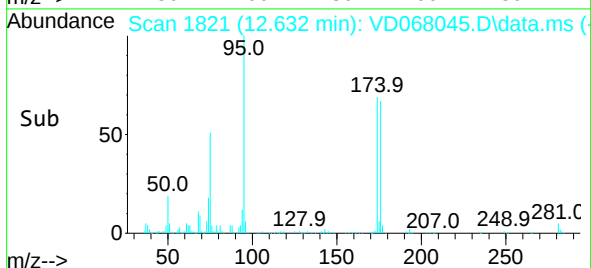
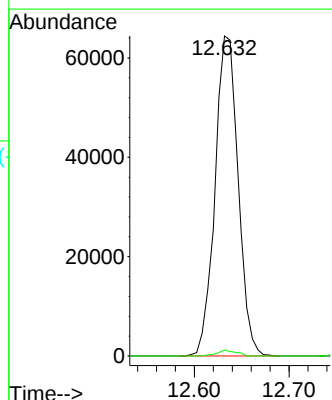
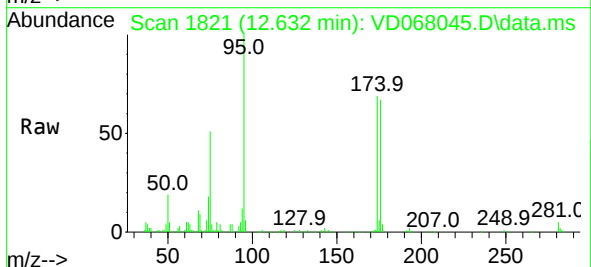
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0108SBL01

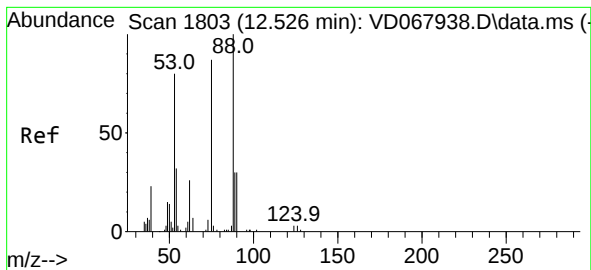
Tgt Ion:152 Resp: 200268
 Ion Ratio Lower Upper
 152 100
 115 62.6 29.3 88.0
 150 159.9 0.0 340.0



#76
 1,2,3-Trichloropropane
 Concen: 64.84 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. -0.153 min
 Lab File: VD068045.D
 Acq: 08 Jan 2021 13:28

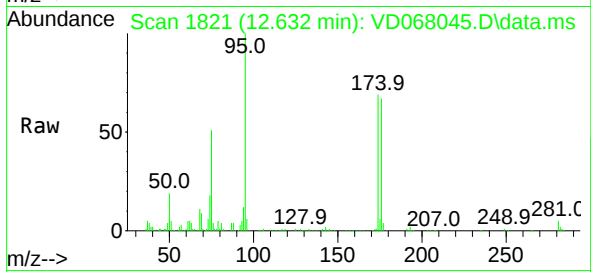
Tgt Ion: 75 Resp: 109331
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 132.91 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068045.D
 Acq: 08 Jan 2021 13:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0108SBL01



Tgt Ion: 75 Resp: 109331
 Ion Ratio Lower Upper
 75 100
 53 0.2 74.9 112.3#
 89 0.1 33.8 50.8#

