

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030221\
 Data File : VD068494.D
 Acq On : 02 Mar 2021 14:18
 Operator : VA/SY
 Sample : M1543-02
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC

Quant Time: Mar 02 23:57:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	12482	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	20975	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	20703	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	9460	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	8369	67.11	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.22%
35) Dibromofluoromethane	7.908	113	5931	46.94	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.88%
50) Toluene-d8	10.338	98	23766	47.22	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.44%
62) 4-Bromofluorobenzene	12.632	95	7935	48.92	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.84%

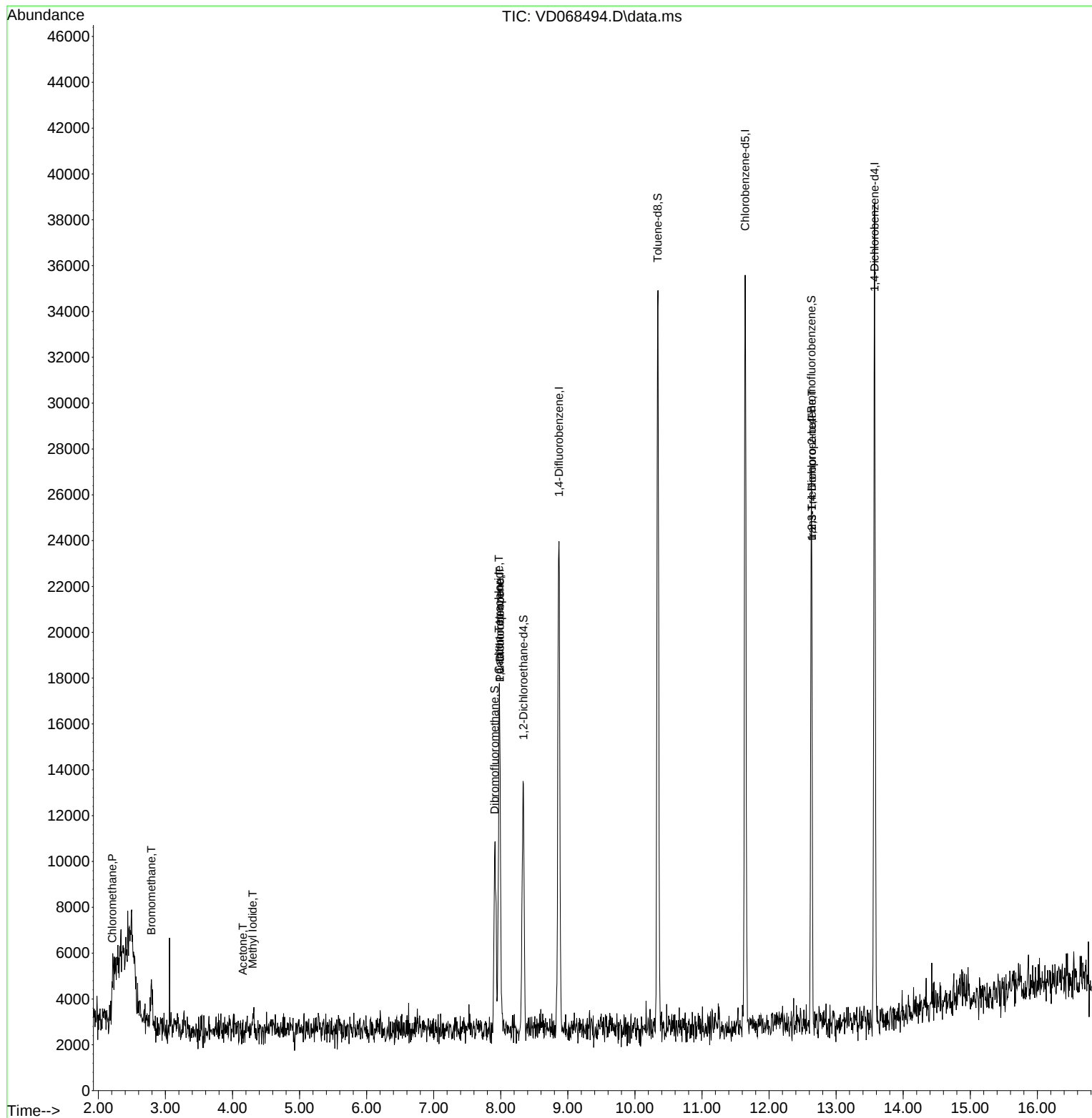
Target Compounds						Qvalue
3) Chloromethane	2.209	50	460	3.00	ug/l #	45
5) Bromomethane	2.791	94	1354	10.46	ug/l #	73
10) Methyl Iodide	4.303	142	648	6.68	ug/l #	79
16) Acetone	4.156	43	53	2.68	ug/l #	44
20) Methylene Chloride	4.961	84	59	Below Cal	#	61
36) 1,1-Dichloropropene	7.985	75	903	4.53	ug/l #	39
38) Carbon Tetrachloride	7.973	117	1117	5.96	ug/l #	12
76) 1,2,3-Trichloropropane	12.637	75	3856	45.91	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.637	75	3856	107.15	ug/l #	13

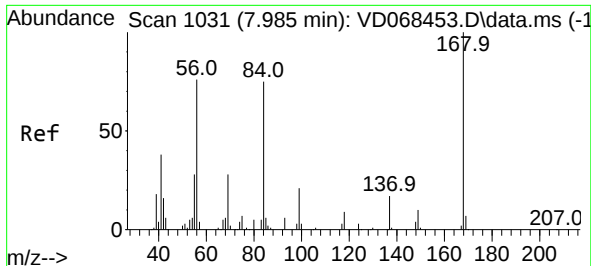
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
ClientSampleId :
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Quant Time: Mar 02 23:57:56 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 26 14:04:14 2021
Response via : Initial Calibration

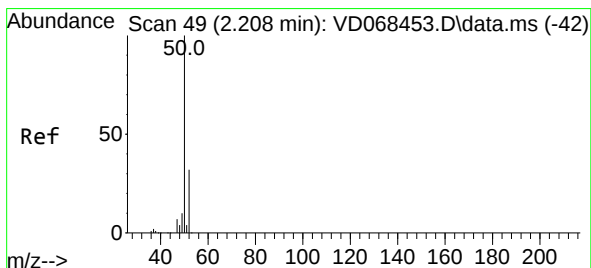
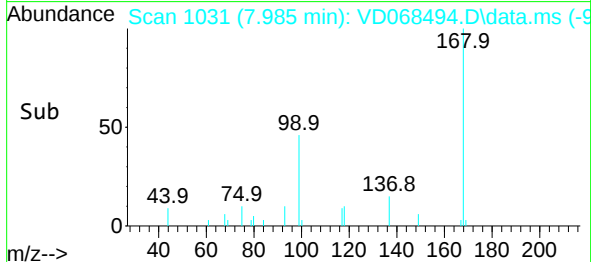
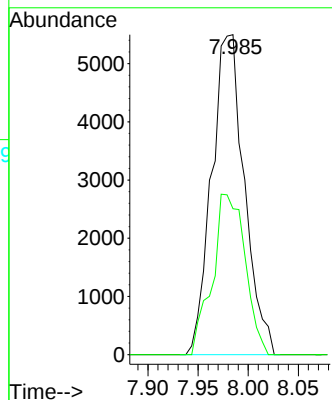
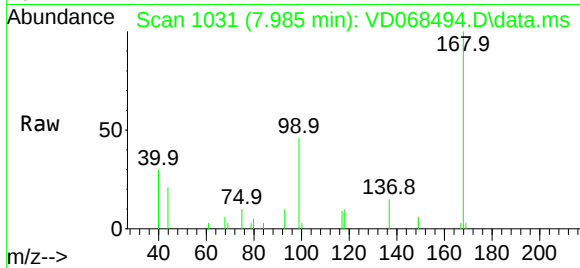




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068494.D
Acq: 02 Mar 2021 14:18

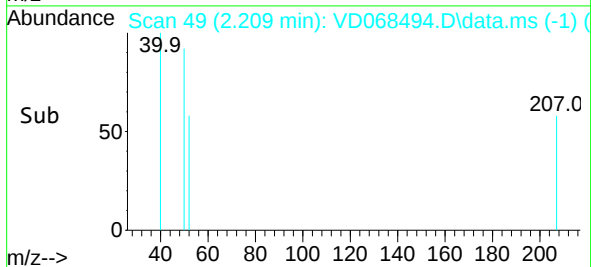
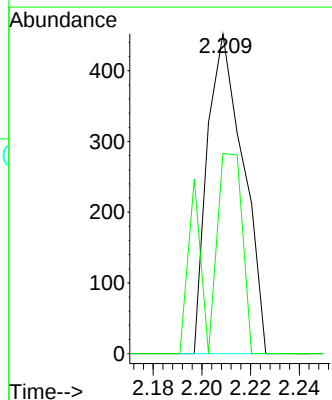
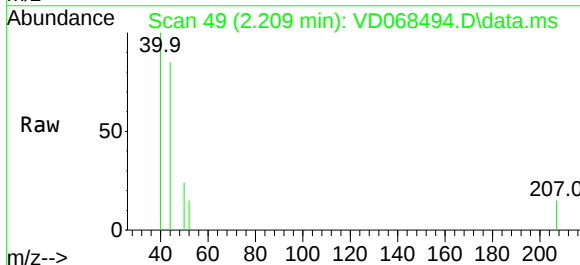
Instrument :
MSVOA_D
ClientSampled :
VOC

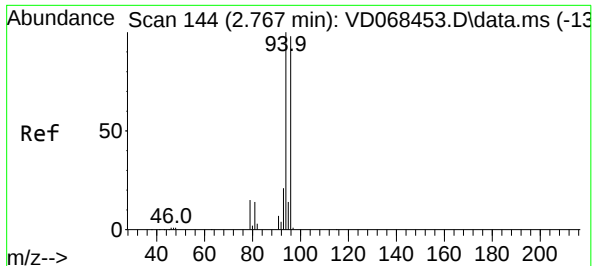
Tgt Ion:168 Resp: 12482
Ion Ratio Lower Upper
168 100
99 45.6 43.5 65.3



#3
Chloromethane
Concen: 3.00 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD068494.D
Acq: 02 Mar 2021 14:18

Tgt Ion: 50 Resp: 460
Ion Ratio Lower Upper
50 100
52 62.6 25.4 38.2#

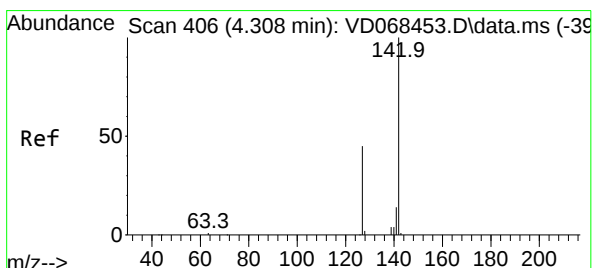
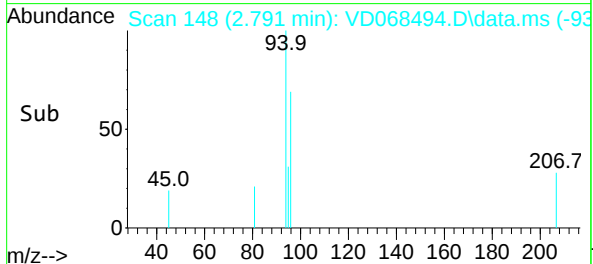
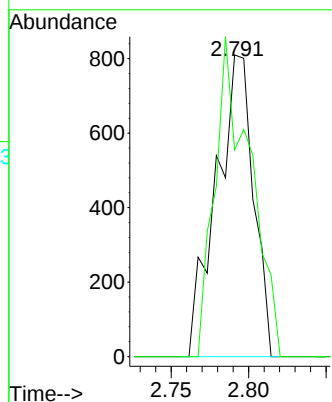
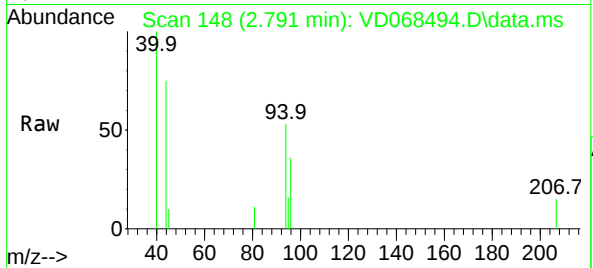




#5
Bromomethane
Concen: 10.46 ug/l
RT: 2.791 min Scan# 148
Delta R.T. 0.024 min
Lab File: VD068494.D
Acq: 02 Mar 2021 14:18

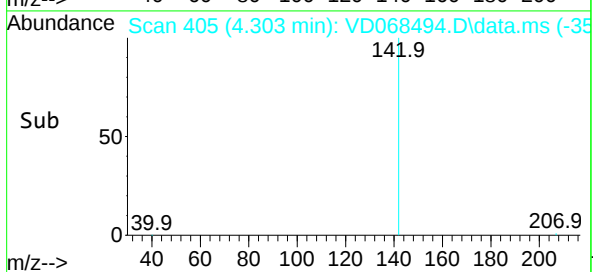
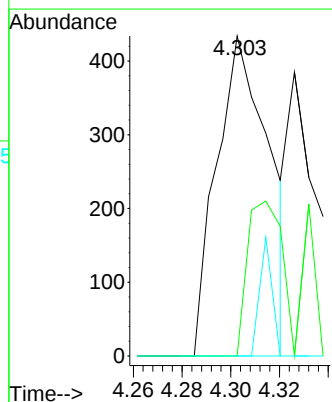
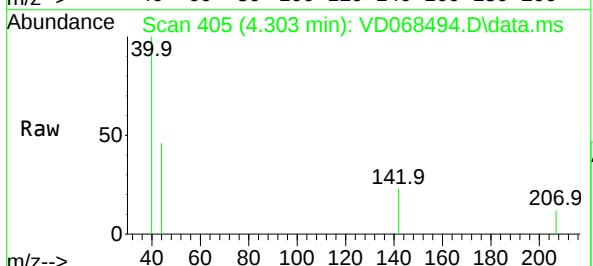
Instrument :
MSVOA_D
ClientSampled :
VOC

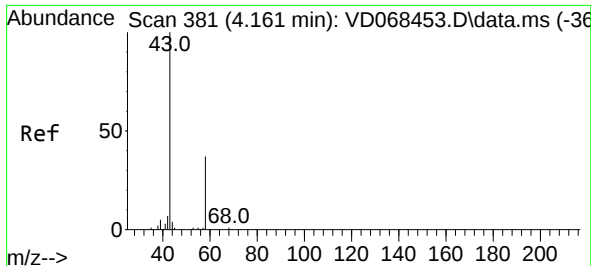
Tgt Ion: 94 Resp: 1354
Ion Ratio Lower Upper
94 100
96 68.5 75.8 113.8#



#10
Methyl Iodide
Concen: 6.68 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.005 min
Lab File: VD068494.D
Acq: 02 Mar 2021 14:18

Tgt Ion:142 Resp: 648
Ion Ratio Lower Upper
142 100
127 31.8 37.9 56.9#
141 8.8 11.5 17.3#

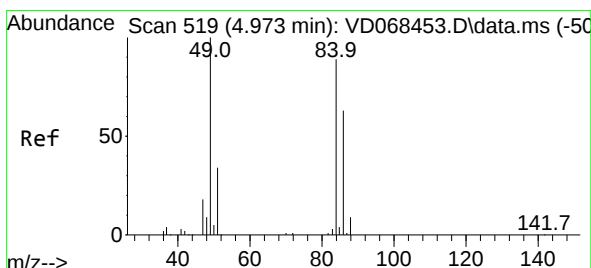
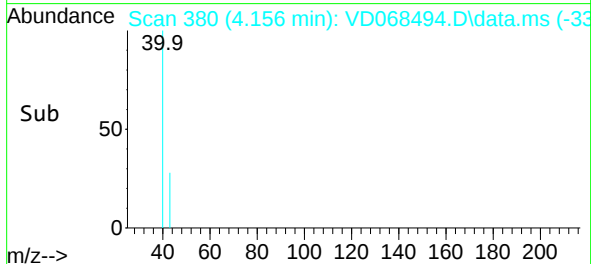
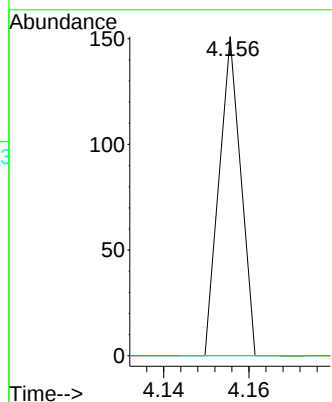
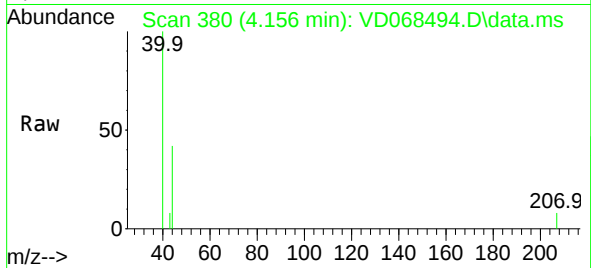




#16
Acetone
Concen: 2.68 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD068494.D
Acq: 02 Mar 2021 14:18

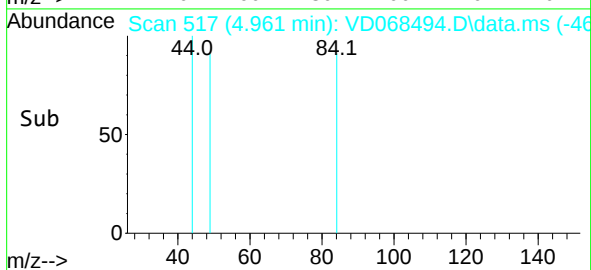
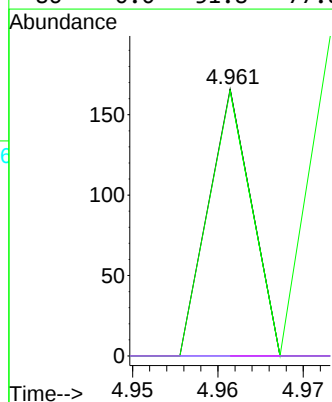
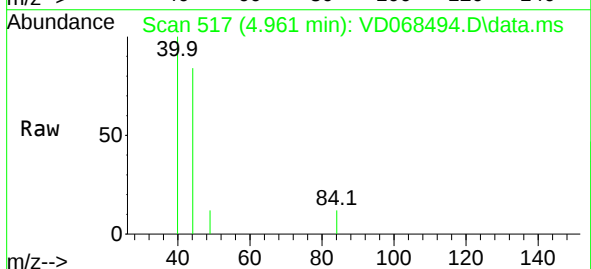
Instrument :
MSVOA_D
ClientSampled :
VOC

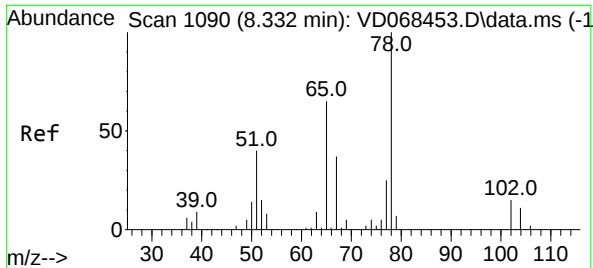
Tgt Ion: 43 Resp: 53
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.012 min
Lab File: VD068494.D
Acq: 02 Mar 2021 14:18

Tgt Ion: 84 Resp: 59
Ion Ratio Lower Upper
84 100
49 99.4 77.4 116.2
51 0.0 26.1 39.1#
86 0.0 51.8 77.8#

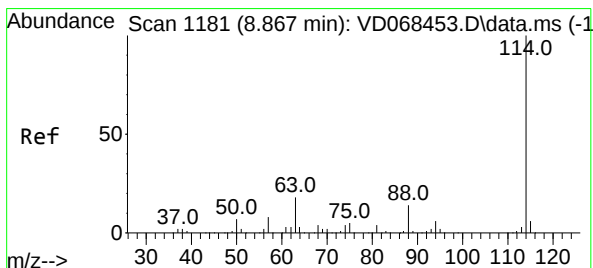
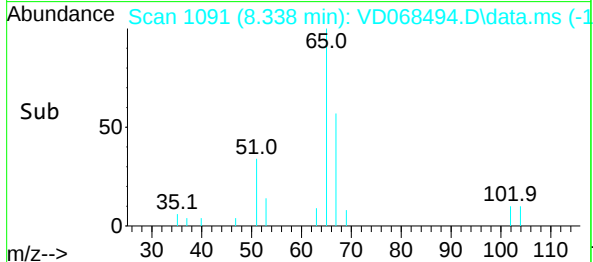
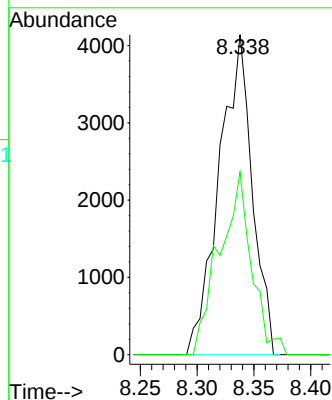
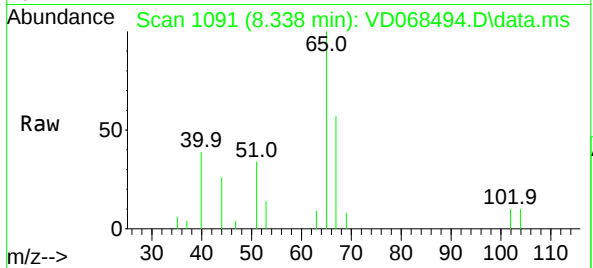




#33
1,2-Dichloroethane-d4
Concen: 67.11 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068494.D
Acq: 02 Mar 2021 14:18

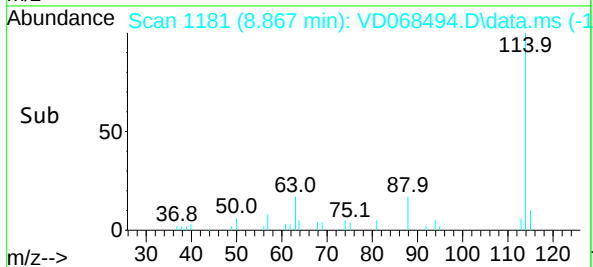
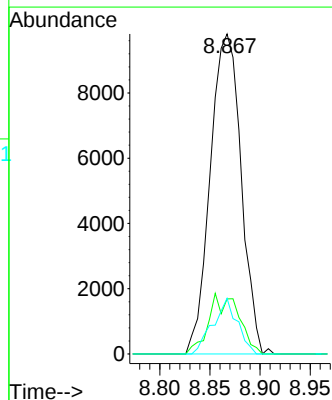
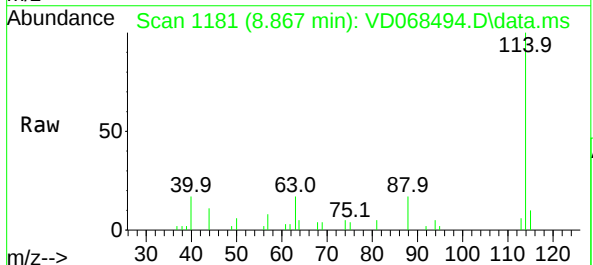
Instrument :
MSVOA_D
ClientSampled :
VOC

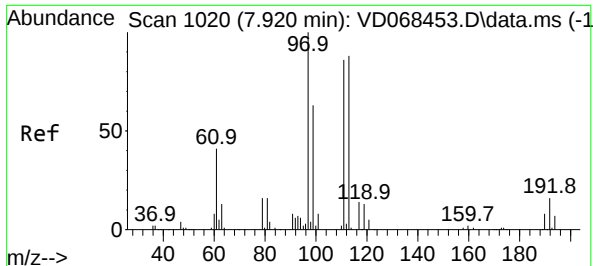
Tgt Ion: 65 Resp: 8369
Ion Ratio Lower Upper
65 100
67 55.8 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068494.D
Acq: 02 Mar 2021 14:18

Tgt Ion: 114 Resp: 20975
Ion Ratio Lower Upper
114 100
63 17.2 0.0 34.8
88 17.4 0.0 31.6





#35

Dibromofluoromethane

Concen: 46.94 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.012 min

Lab File: VD068494.D

Acq: 02 Mar 2021 14:18

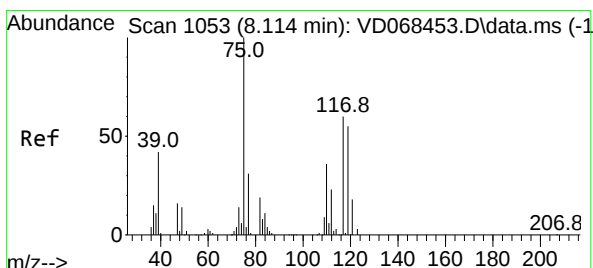
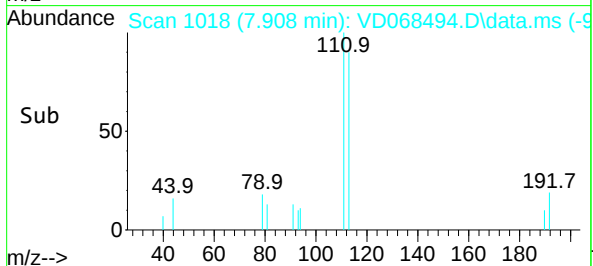
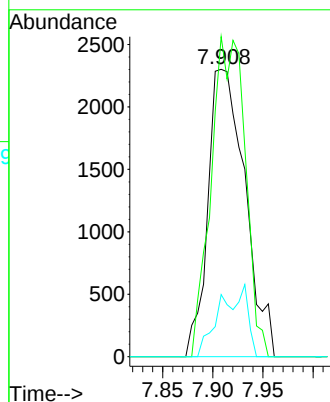
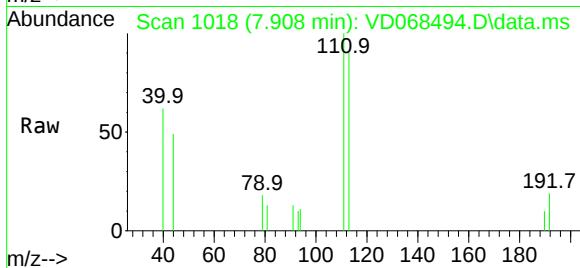
Tgt Ion:113 Resp: 5931

Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

192 11.2 16.1 24.1#



#36

1,1-Dichloropropene

Concen: 4.53 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.129 min

Lab File: VD068494.D

Acq: 02 Mar 2021 14:18

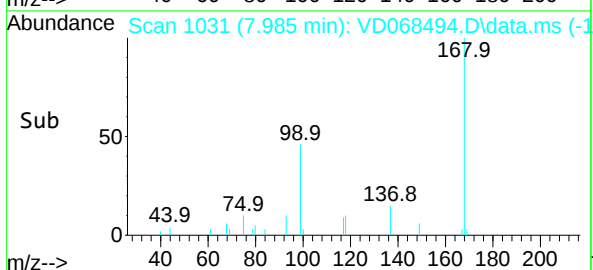
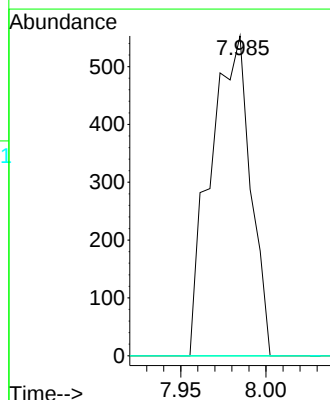
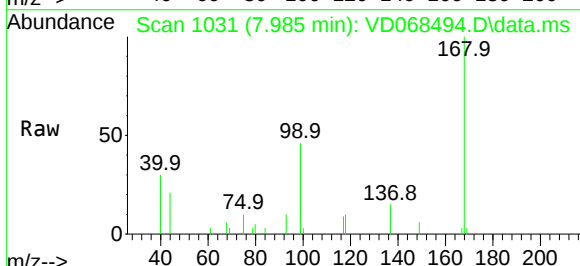
Tgt Ion: 75 Resp: 903

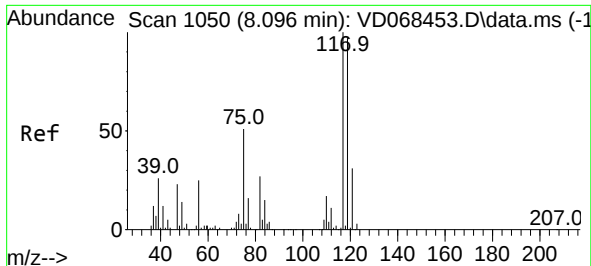
Ion Ratio Lower Upper

75 100

110 0.0 19.4 58.2#

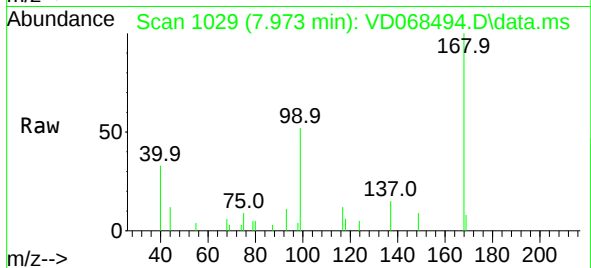
77 0.0 25.3 37.9#



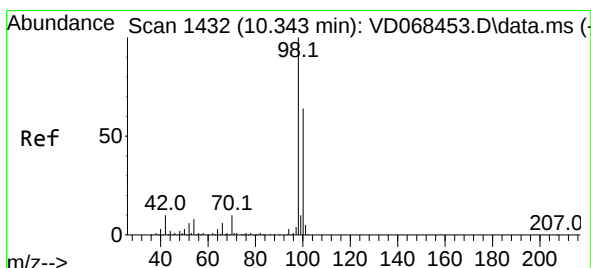
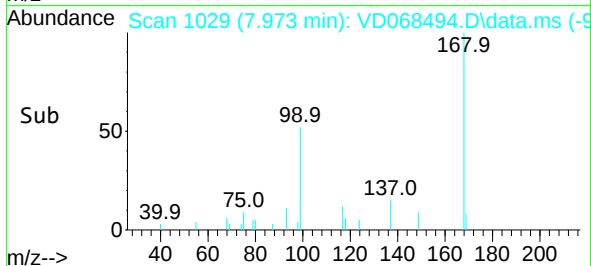
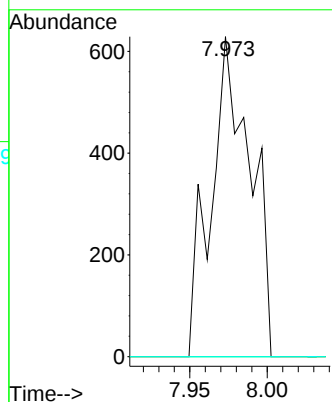


#38
Carbon Tetrachloride
Concen: 5.96 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.123 min
Lab File: VD068494.D
Acq: 02 Mar 2021 14:18

Instrument :
MSVOA_D
ClientSampled :
VOC

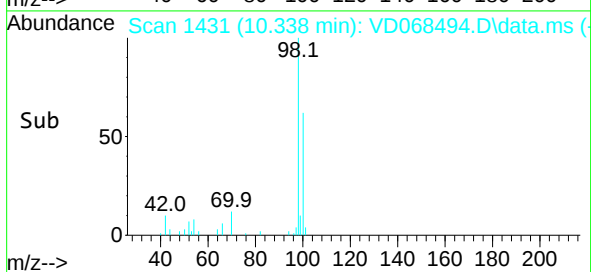
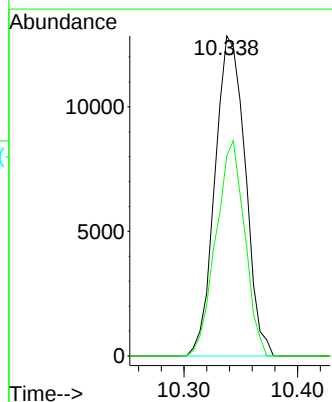
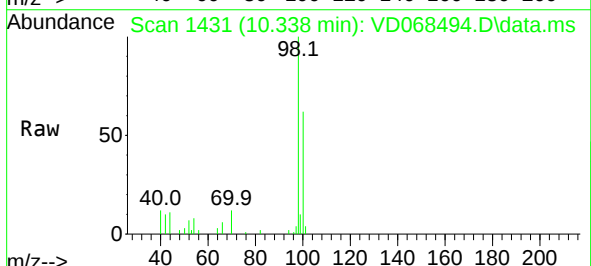


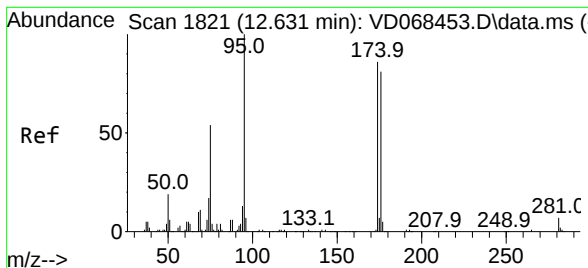
Tgt Ion:117 Resp: 1117
Ion Ratio Lower Upper
117 100
119 0.0 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 47.22 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068494.D
Acq: 02 Mar 2021 14:18

Tgt Ion: 98 Resp: 23766
Ion Ratio Lower Upper
98 100
100 63.9 53.0 79.4

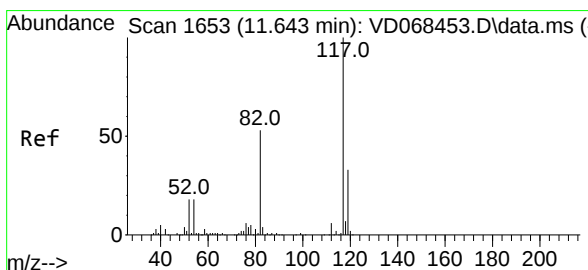
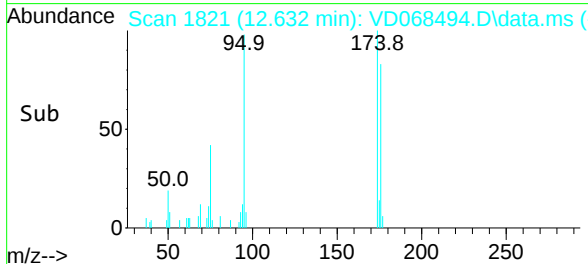
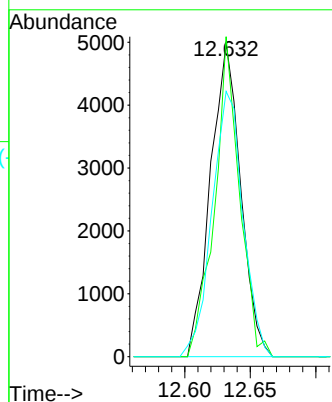
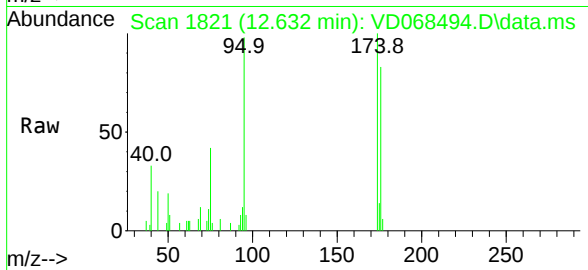




#62
4-Bromofluorobenzene
Concen: 48.92 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068494.D
Acq: 02 Mar 2021 14:18

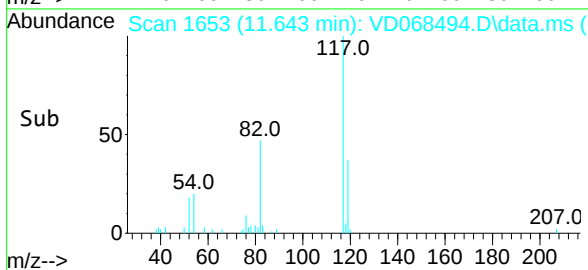
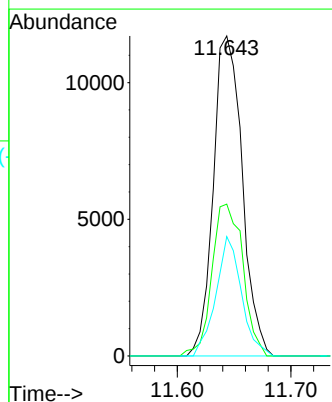
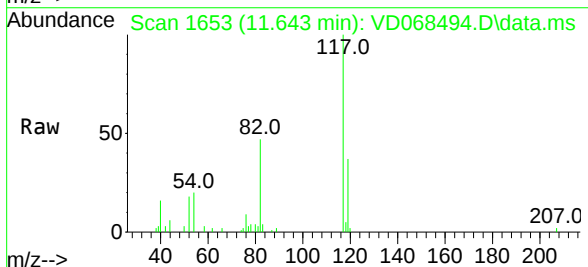
Instrument :
MSVOA_D
ClientSampled :
VOC

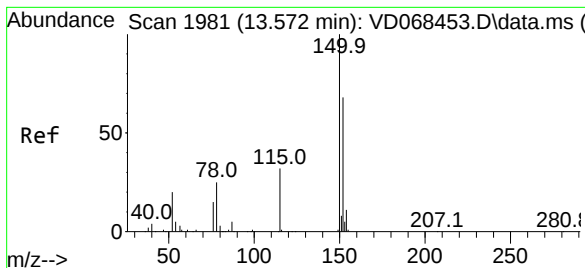
Tgt Ion:	95	Resp:	7935
Ion	Ratio	Lower	Upper
95	100		
174	84.5	0.0	172.4
176	87.1	0.0	168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068494.D
Acq: 02 Mar 2021 14:18

Tgt Ion:	117	Resp:	20703
Ion	Ratio	Lower	Upper
117	100		
82	47.5	41.4	62.0
119	37.3	26.1	39.1

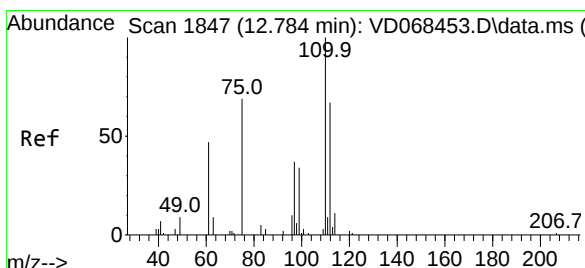
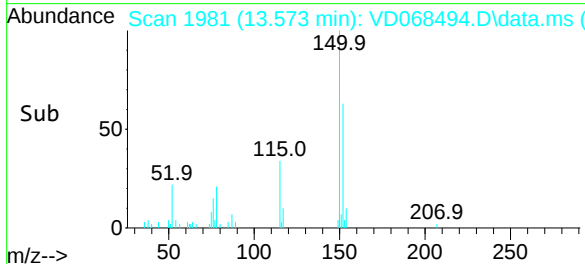
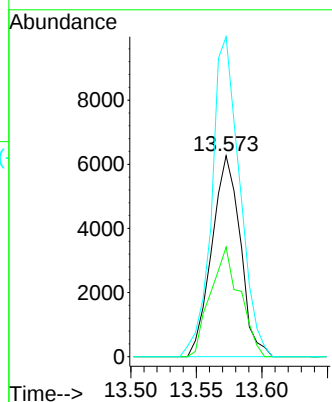
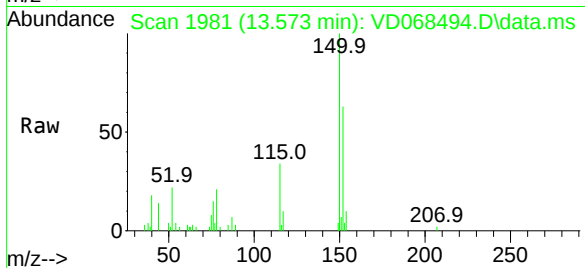




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068494.D
Acq: 02 Mar 2021 14:18

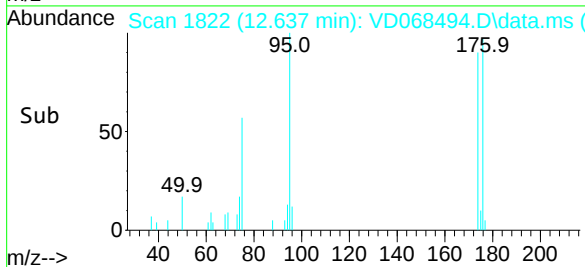
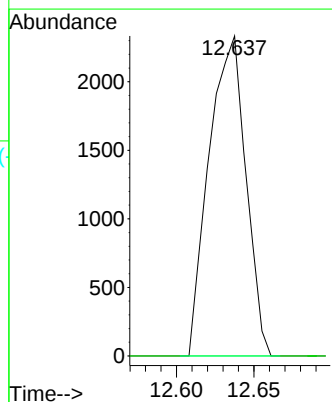
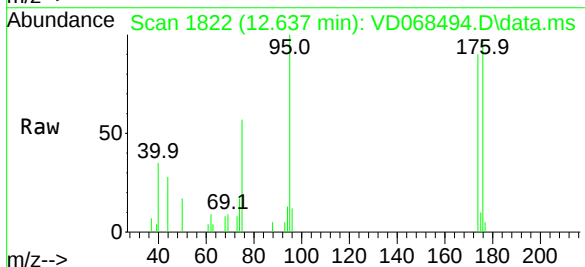
Instrument :
MSVOA_D
ClientSampled :
VOC

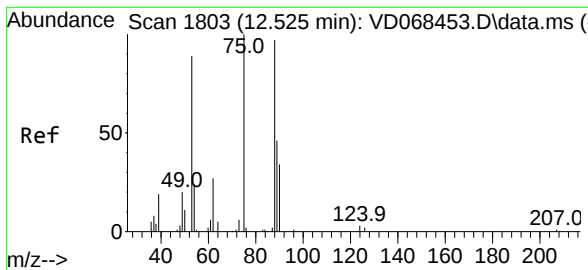
Tgt Ion:152 Resp: 9460
Ion Ratio Lower Upper
152 100
115 56.3 28.9 86.8
150 156.0 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 45.91 ug/l
RT: 12.637 min Scan# 1822
Delta R.T. -0.147 min
Lab File: VD068494.D
Acq: 02 Mar 2021 14:18

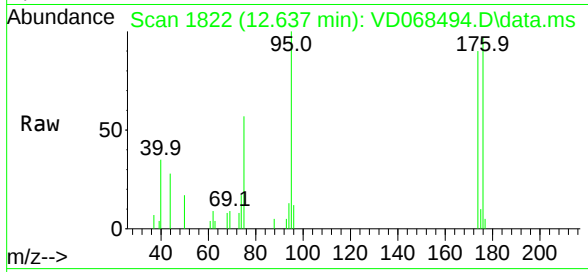
Tgt Ion: 75 Resp: 3856
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 107.15 ug/l
RT: 12.637 min Scan# 1822
Delta R.T. 0.112 min
Lab File: VD068494.D
Acq: 02 Mar 2021 14:18

Instrument :
MSVOA_D
ClientSampleId :
VOC



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

