

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012921\
 Data File : VD068242.D
 Acq On : 29 Jan 2021 16:20
 Operator : VA/SY
 Sample : M1286-10
 Misc : 5.28G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 30 00:03:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

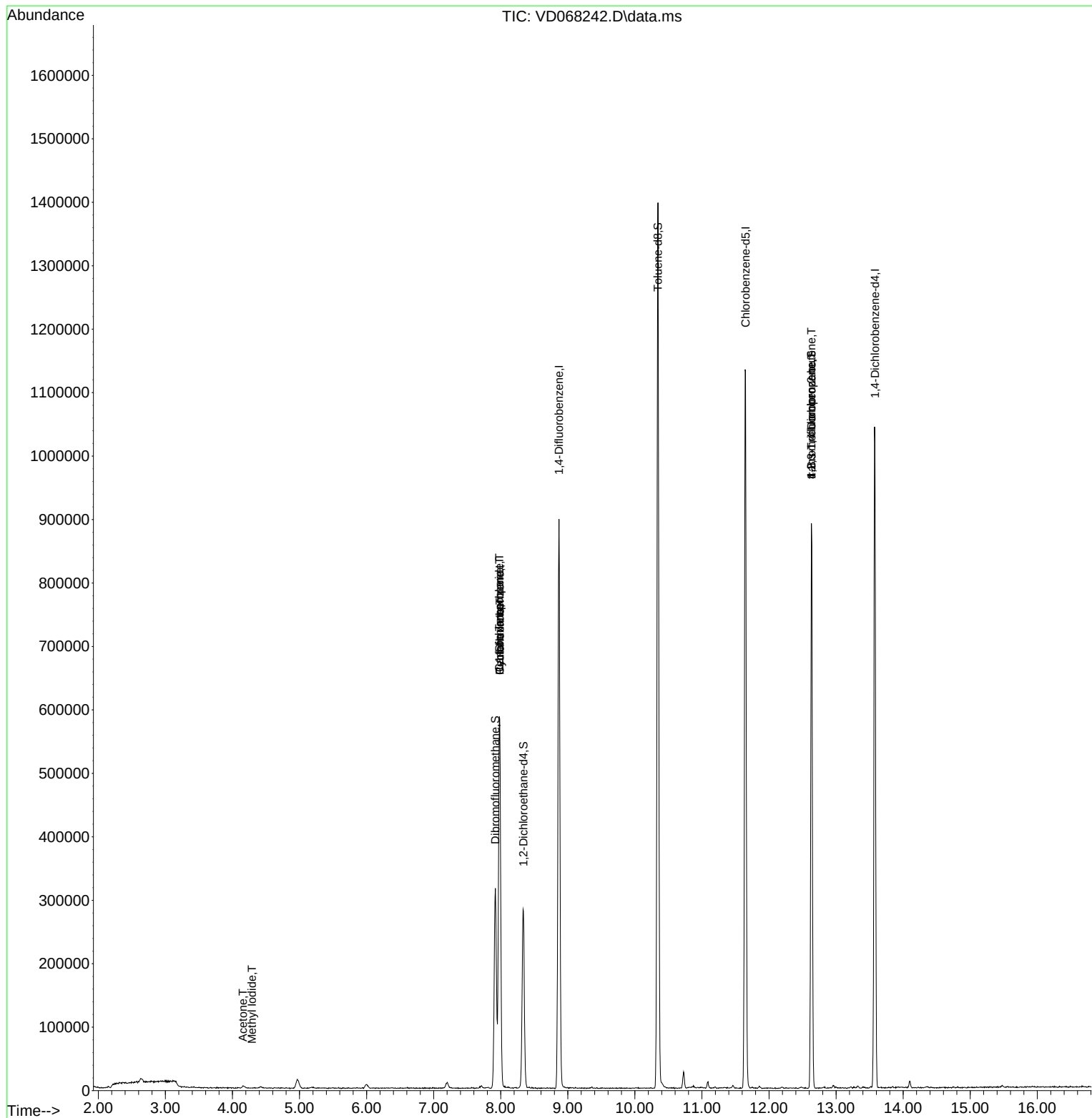
Internal Standards						
1) Pentafluorobenzene	7.985	168	456752	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	795864	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	685351	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	287497	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	230665	52.79	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.58%			
35) Dibromofluoromethane	7.920	113	233059	52.97	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.94%			
50) Toluene-d8	10.344	98	973258	55.30	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.60%			
62) 4-Bromofluorobenzene	12.632	95	301765	47.61	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 95.22%			
Target Compounds						Qvalue
10) Methyl Iodide	4.291	142	74	3.17	ug/l #	38
11) Tert butyl alcohol	5.185	59	303	Below Cal	#	74
16) Acetone	4.156	43	5902	7.57	ug/l	92
20) Methylene Chloride	4.967	84	10690	Below Cal		96
31) Cyclohexane	7.985	56	9870	1.04	ug/l #	17
36) 1,1-Dichloropropene	7.979	75	36855	4.59	ug/l #	46
38) Carbon Tetrachloride	7.979	117	45096	6.00	ug/l #	14
76) 1,2,3-Trichloropropane	12.632	75	152411	54.83	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	152411	110.95	ug/l #	13

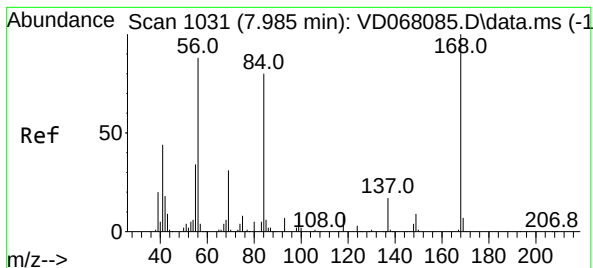
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 30 00:03:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 19 13:19:08 2021
Response via : Initial Calibration

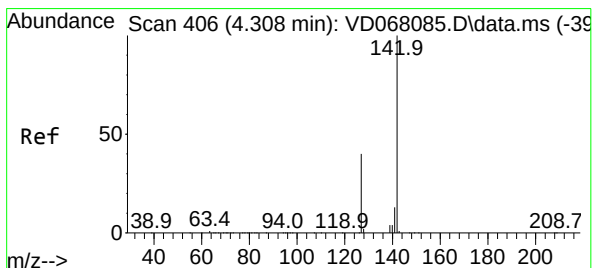
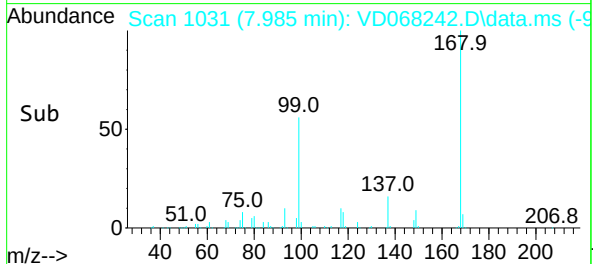
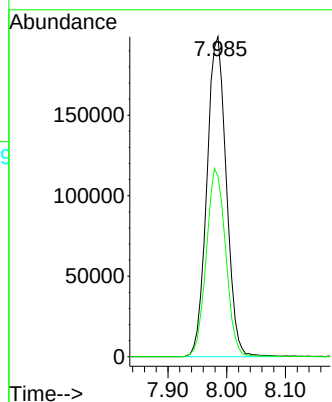
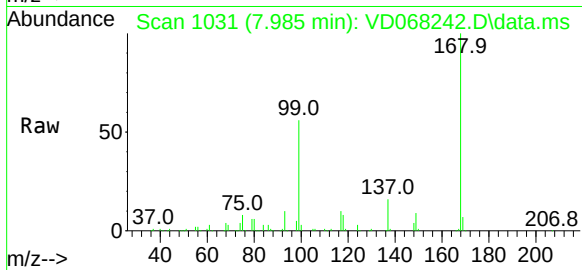




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068242.D
Acq: 29 Jan 2021 16:20

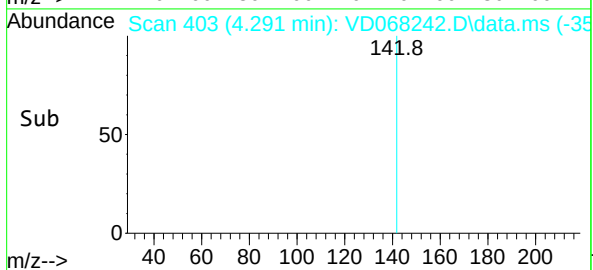
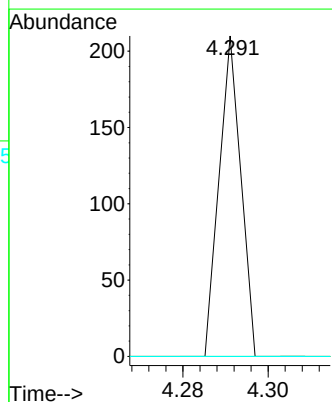
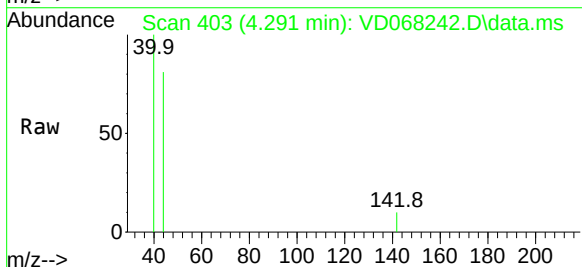
Instrument :
MSVOA_D
ClientSampled :

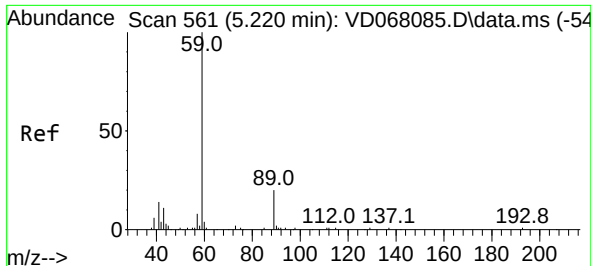
Tgt Ion:168 Resp: 456752
Ion Ratio Lower Upper
168 100
99 56.3 43.5 65.3



#10
Methyl Iodide
Concen: 3.17 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.017 min
Lab File: VD068242.D
Acq: 29 Jan 2021 16:20

Tgt Ion:142 Resp: 74
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#



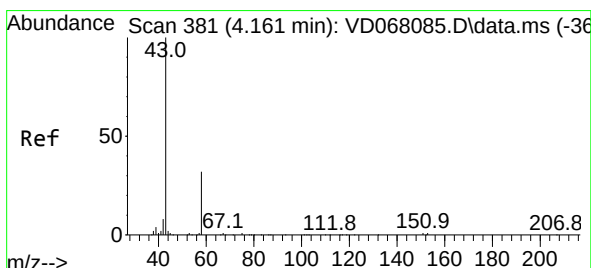
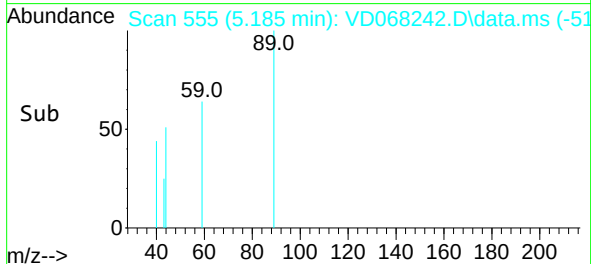
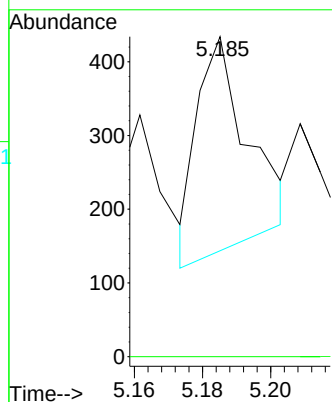
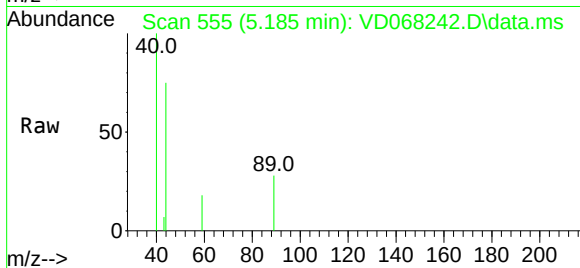


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.185 min Scan# 555
Delta R.T. -0.035 min
Lab File: VD068242.D
Acq: 29 Jan 2021 16:20

Instrument :
MSVOA_D
ClientSampled :

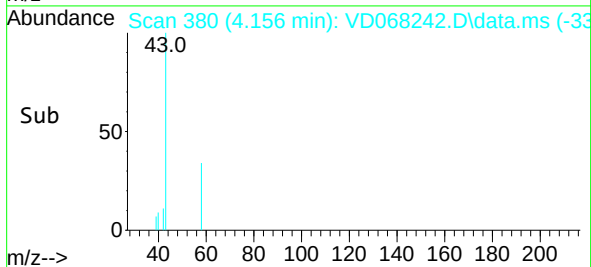
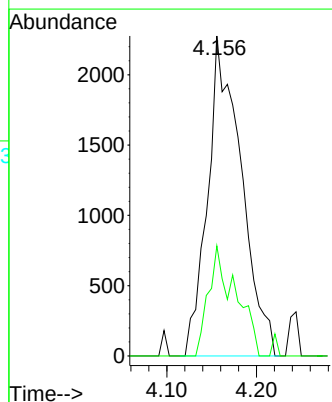
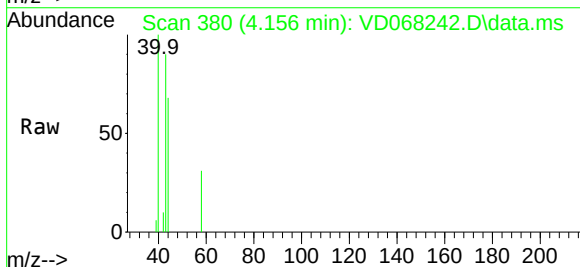
Tgt Ion: 59 Resp: 303
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

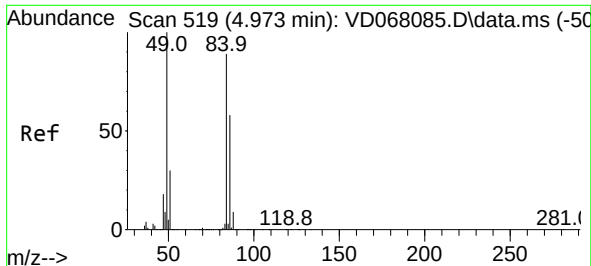


#16

Acetone
Concen: 7.57 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD068242.D
Acq: 29 Jan 2021 16:20

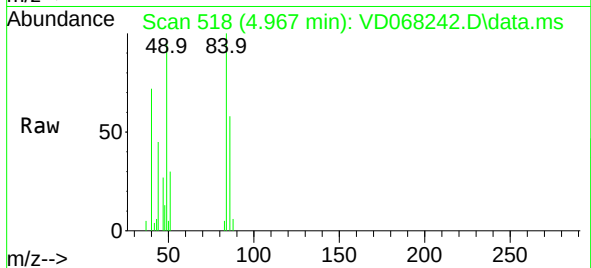
Tgt Ion: 43 Resp: 5902
Ion Ratio Lower Upper
43 100
58 34.4 24.2 36.4



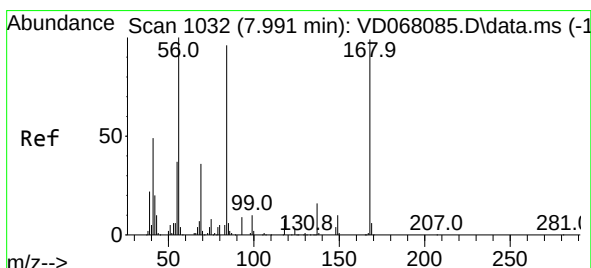
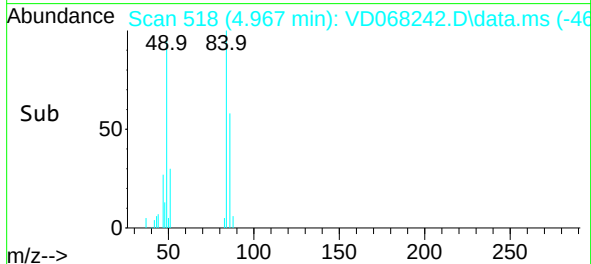
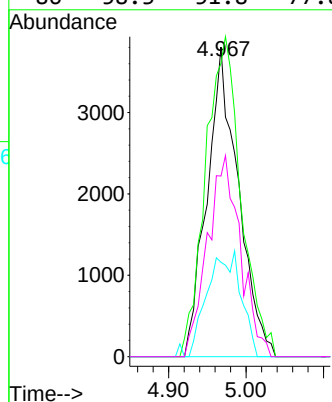


#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068242.D
Acq: 29 Jan 2021 16:20

Instrument :
MSVOA_D
ClientSampleId :

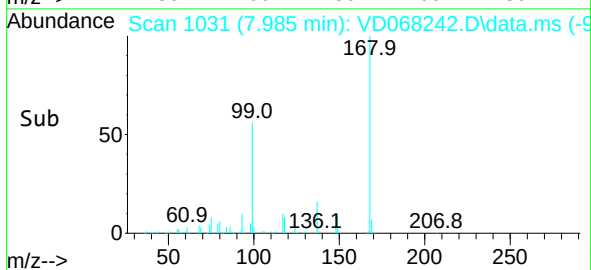
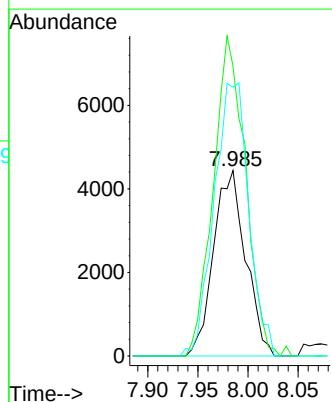
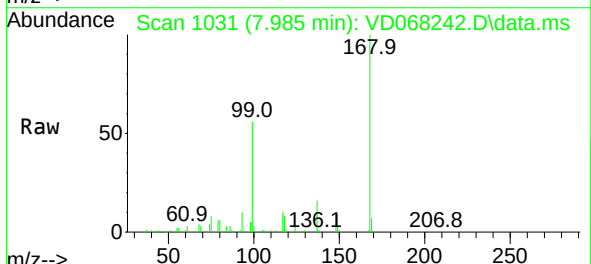


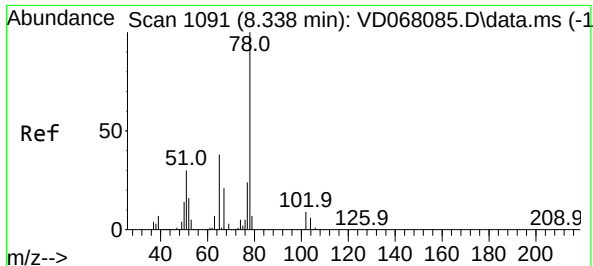
Tgt Ion: 84 Resp: 10690
Ion Ratio Lower Upper
84 100
49 94.8 77.4 116.2
51 30.5 26.1 39.1
86 58.3 51.8 77.8



#31
Cyclohexane
Concen: 1.04 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068242.D
Acq: 29 Jan 2021 16:20

Tgt Ion: 56 Resp: 9870
Ion Ratio Lower Upper
56 100
69 156.2 30.1 45.1#
84 144.9 82.1 123.1#

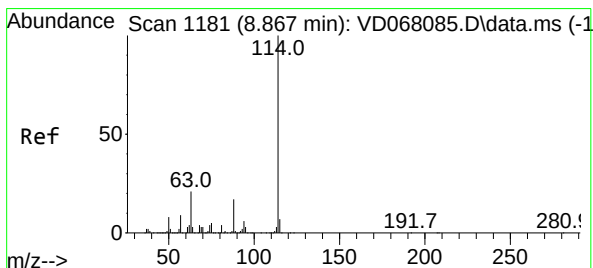
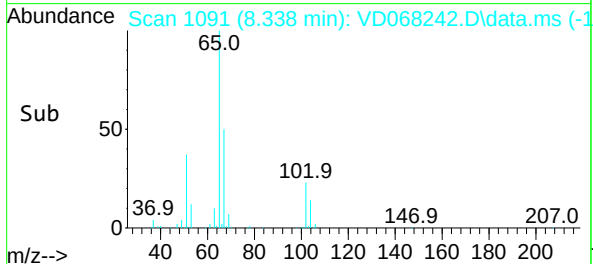
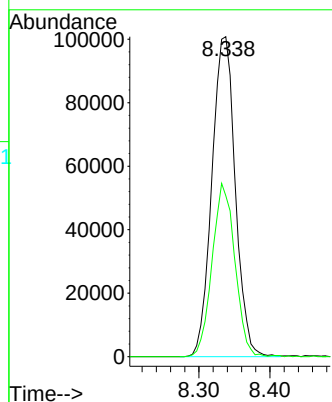
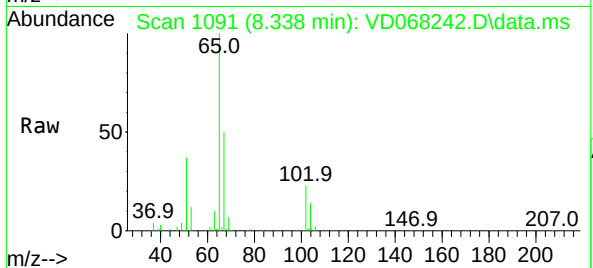




#33
1,2-Dichloroethane-d4
Concen: 52.79 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD068242.D
Acq: 29 Jan 2021 16:20

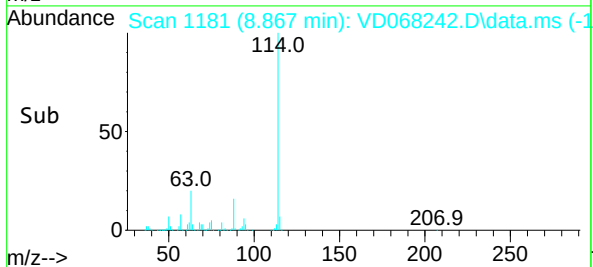
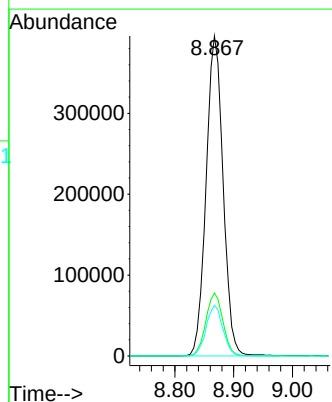
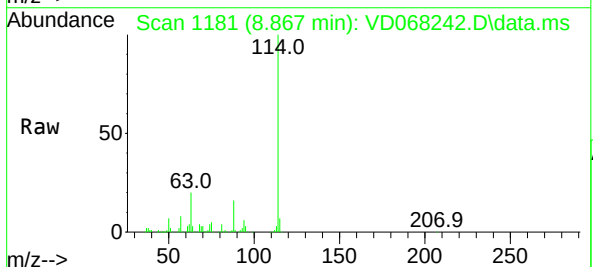
Instrument :
MSVOA_D
ClientSampleId :

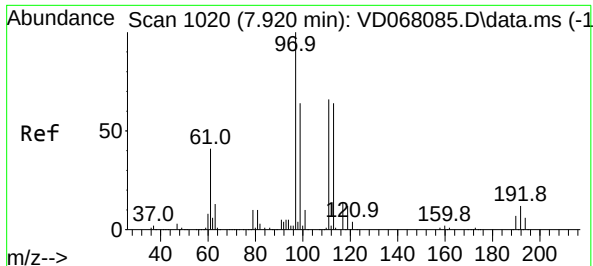
Tgt Ion: 65 Resp: 230665
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068242.D
Acq: 29 Jan 2021 16:20

Tgt Ion: 114 Resp: 795864
Ion Ratio Lower Upper
114 100
63 19.7 0.0 34.8
88 15.8 0.0 31.6





#35

Dibromofluoromethane

Concen: 52.97 ug/l

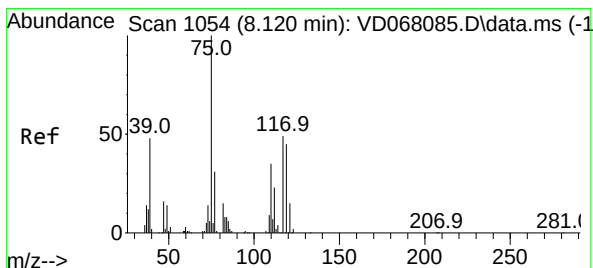
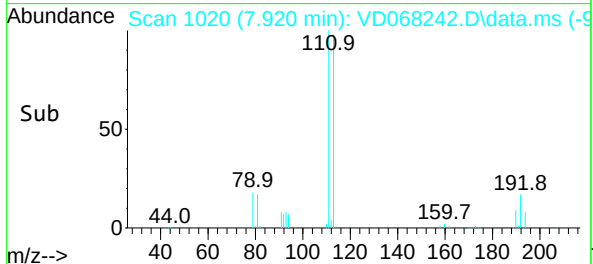
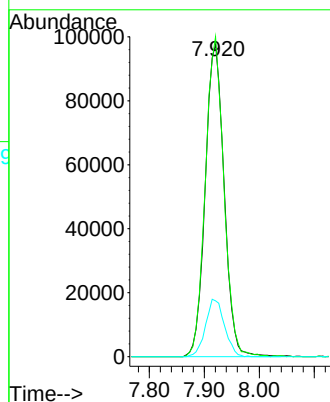
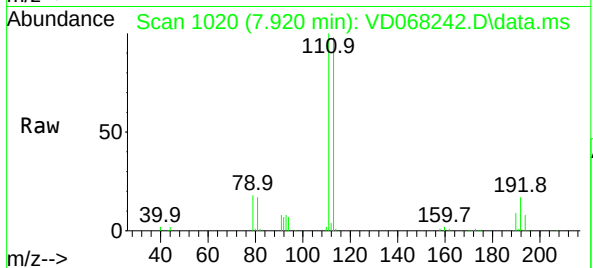
RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068242.D

Acq: 29 Jan 2021 16:20

Tgt Ion:	113	Resp:	233059
Ion	Ratio	Lower	Upper
113	100		
111	100.6	81.4	122.0
192	18.5	16.1	24.1



#36

1,1-Dichloropropene

Concen: 4.59 ug/l

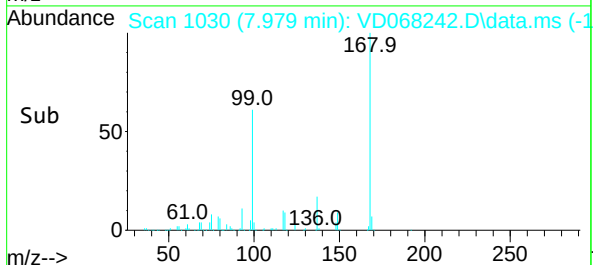
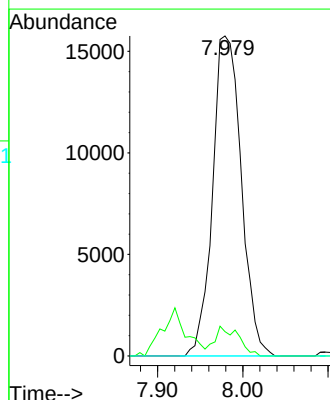
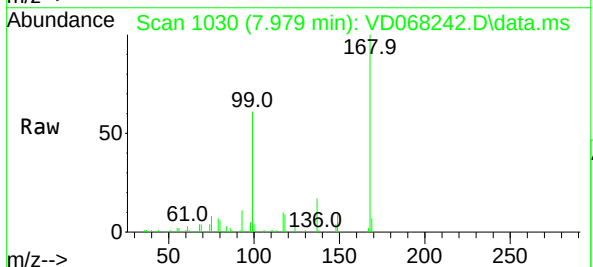
RT: 7.979 min Scan# 1030

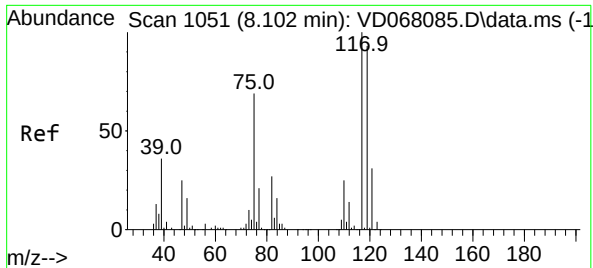
Delta R.T. -0.141 min

Lab File: VD068242.D

Acq: 29 Jan 2021 16:20

Tgt Ion:	75	Resp:	36855
Ion	Ratio	Lower	Upper
75	100		
110	7.7	19.4	58.2#
77	0.0	25.3	37.9#

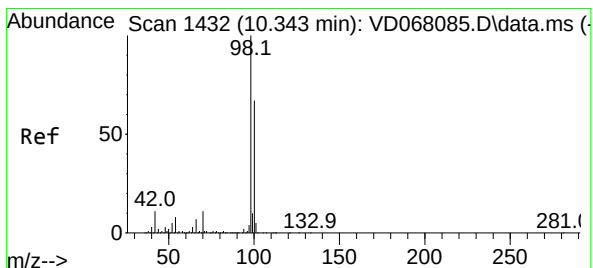
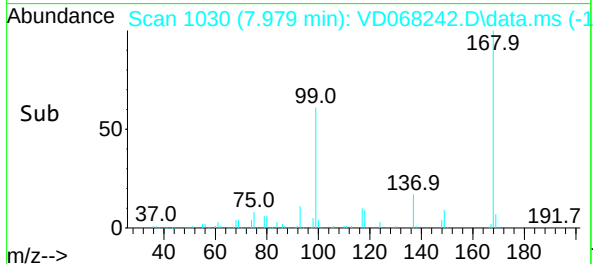
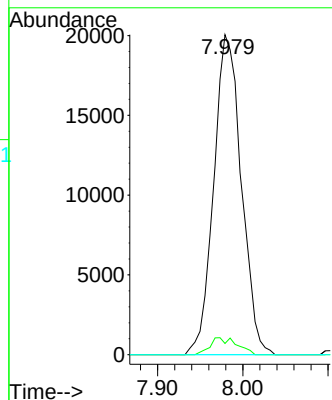
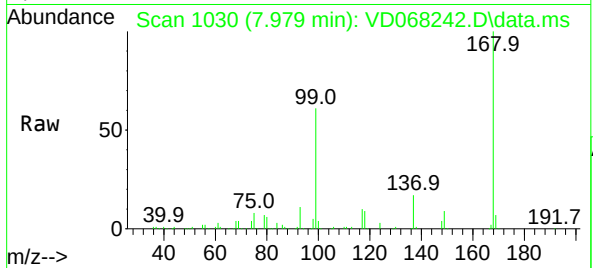




#38
Carbon Tetrachloride
Concen: 6.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.123 min
Lab File: VD068242.D
Acq: 29 Jan 2021 16:20

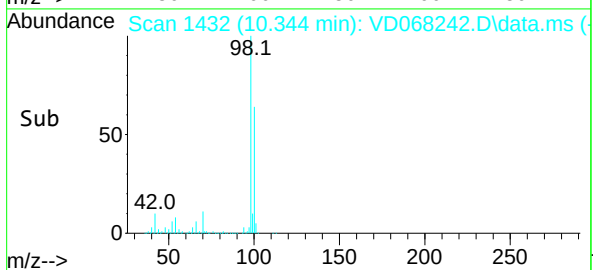
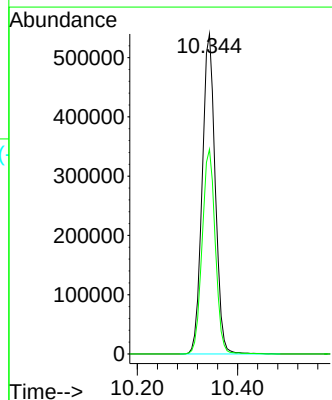
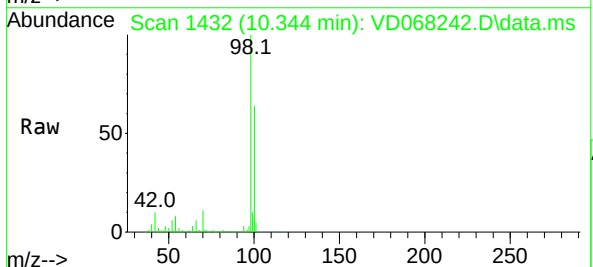
Instrument :
MSVOA_D
ClientSampled :

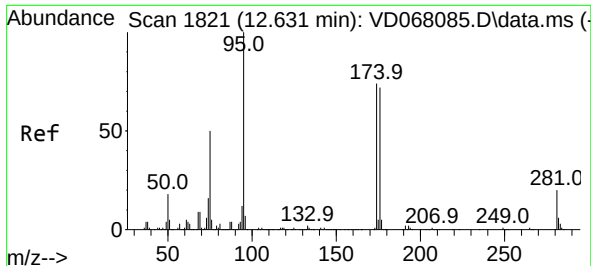
Tgt Ion:117 Resp: 45096
Ion Ratio Lower Upper
117 100
119 3.5 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 55.30 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068242.D
Acq: 29 Jan 2021 16:20

Tgt Ion: 98 Resp: 973258
Ion Ratio Lower Upper
98 100
100 64.5 53.0 79.4

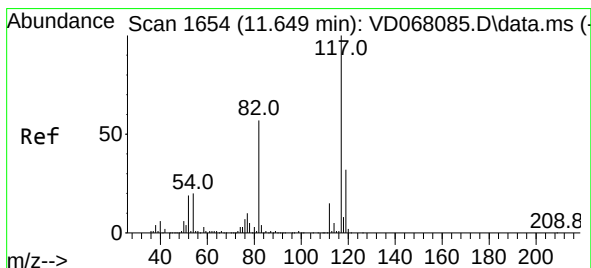
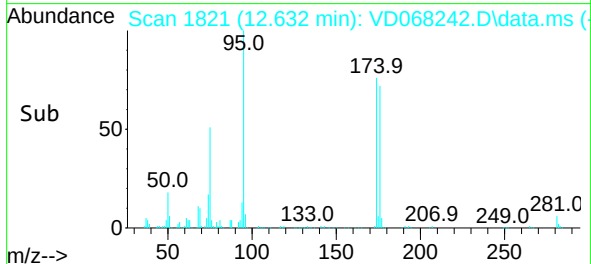
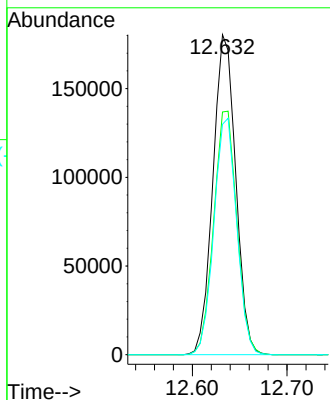
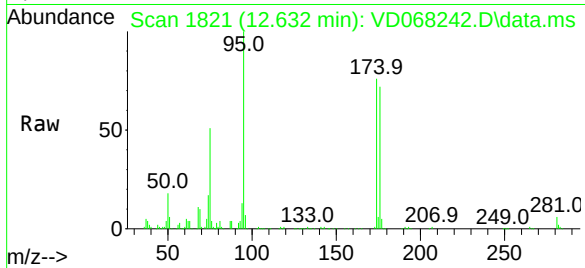




#62
4-Bromofluorobenzene
Concen: 47.61 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068242.D
Acq: 29 Jan 2021 16:20

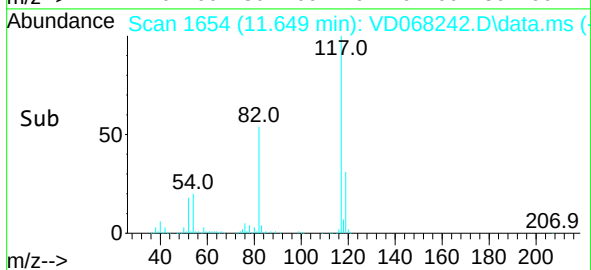
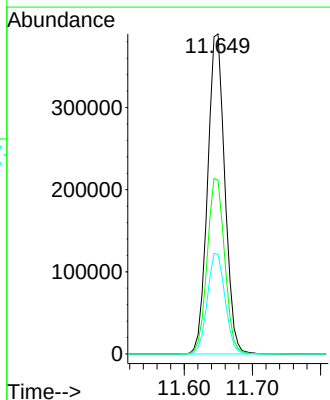
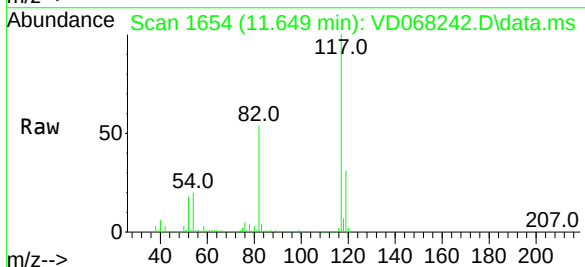
Instrument :
MSVOA_D
ClientSampleId :

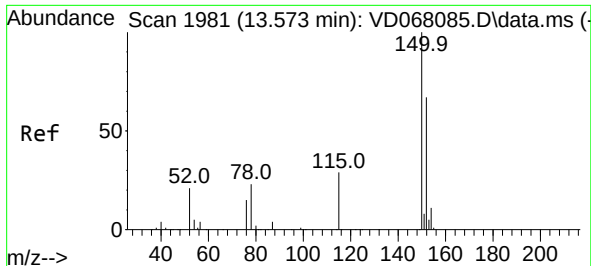
Tgt Ion: 95 Resp: 301765
Ion Ratio Lower Upper
95 100
174 77.3 0.0 172.4
176 73.9 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068242.D
Acq: 29 Jan 2021 16:20

Tgt Ion: 117 Resp: 685351
Ion Ratio Lower Upper
117 100
82 54.2 41.4 62.0
119 31.2 26.1 39.1

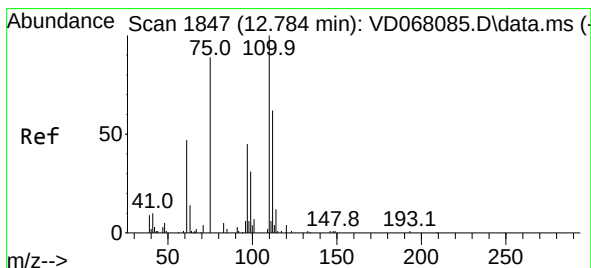
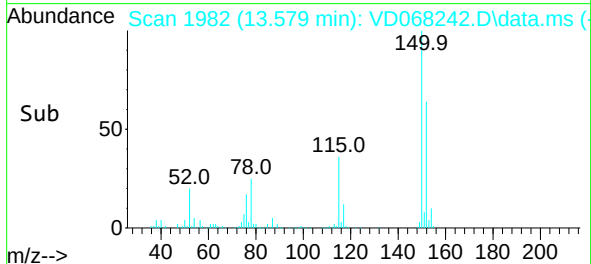
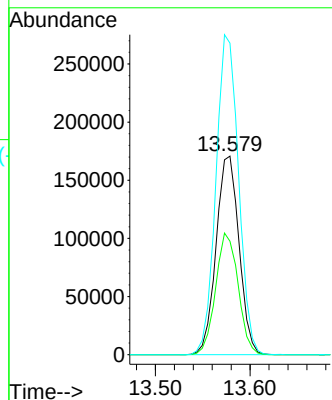
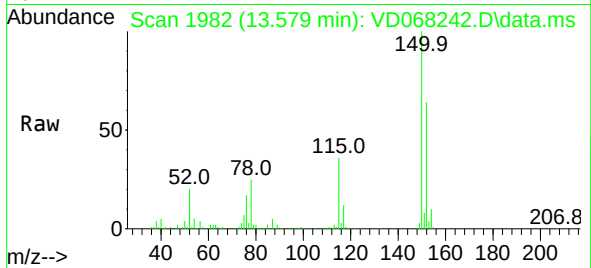




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VD068242.D
Acq: 29 Jan 2021 16:20

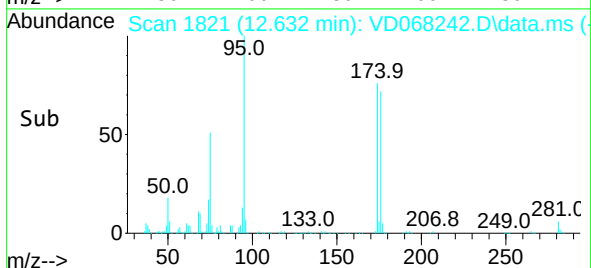
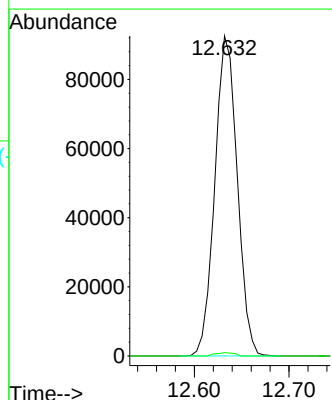
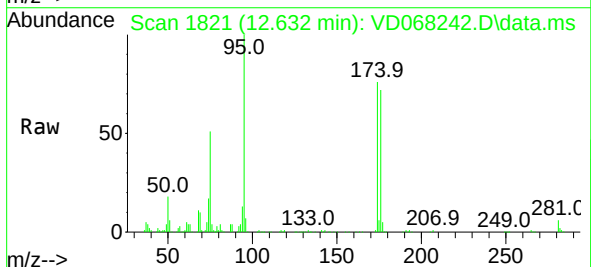
Instrument :
MSVOA_D
ClientSampleId :

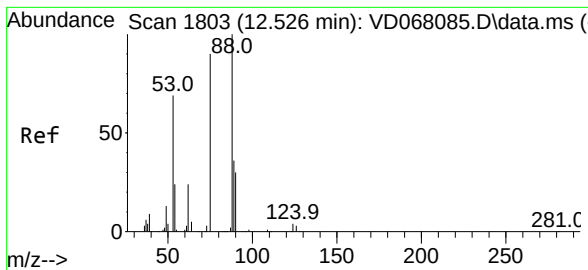
Tgt Ion:152 Resp: 287497
Ion Ratio Lower Upper
152 100
115 60.1 28.9 86.8
150 158.7 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 54.83 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068242.D
Acq: 29 Jan 2021 16:20

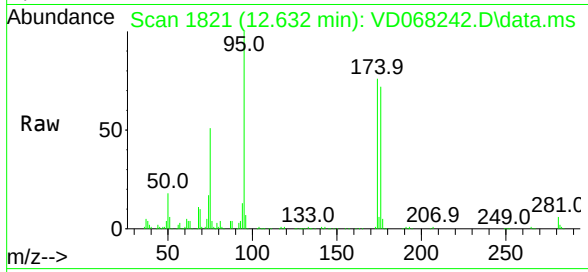
Tgt Ion: 75 Resp: 152411
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 110.95 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068242.D
 Acq: 29 Jan 2021 16:20

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 152411
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.0 40.3 60.5#

