

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012021\
 Data File : VD068123.D
 Acq On : 20 Jan 2021 19:49
 Operator : VA/SY
 Sample : M1179-05
 Misc : 6.16G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HS-TP3

Quant Time: Jan 20 23:48:29 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)

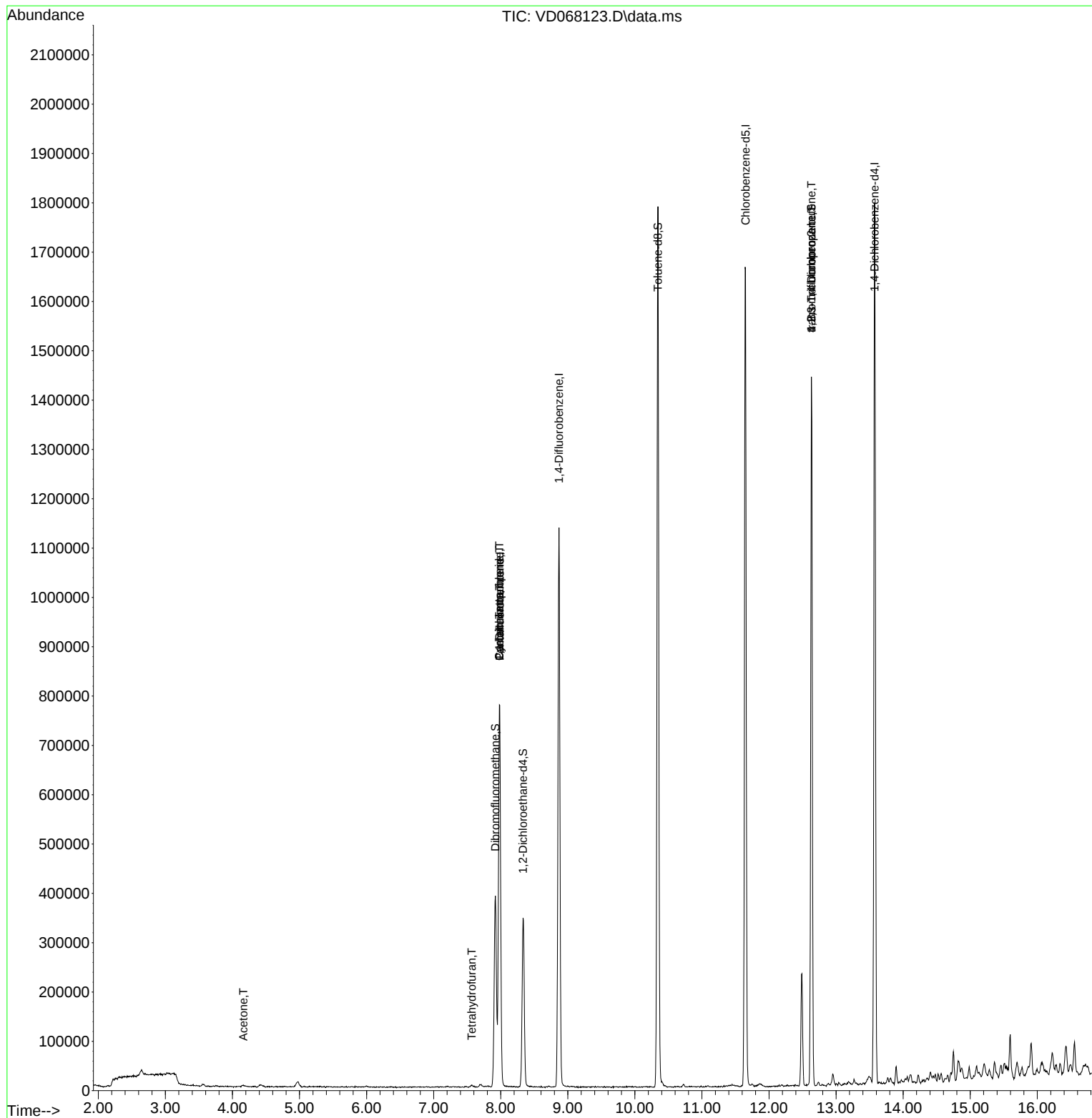
Internal Standards						
1) Pentafluorobenzene	7.985	168	585621	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	1009058	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	993358	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	484194	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	281241	50.20	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.40%			
35) Dibromofluoromethane	7.920	113	284132	50.93	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.86%			
50) Toluene-d8	10.344	98	1256562	56.31	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 112.62%			
62) 4-Bromofluorobenzene	12.632	95	497503	61.91	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 123.82%			
Target Compounds						
11) Tert butyl alcohol	5.232	59	314	Below Cal	#	74
16) Acetone	4.162	43	6224	6.22	ug/l	98
20) Methylene Chloride	4.973	84	8955	Below Cal		88
29) Tetrahydrofuran	7.567	42	4160	4.26	ug/l	# 56
31) Cyclohexane	7.979	56	12945	1.07	ug/l	# 1
36) 1,1-Dichloropropene	7.979	75	47974	4.71	ug/l	# 47
38) Carbon Tetrachloride	7.979	117	57861	6.07	ug/l	# 16
76) 1,2,3-Trichloropropane	12.632	75	249867	53.37	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.632	75	249867	108.00	ug/l	# 14

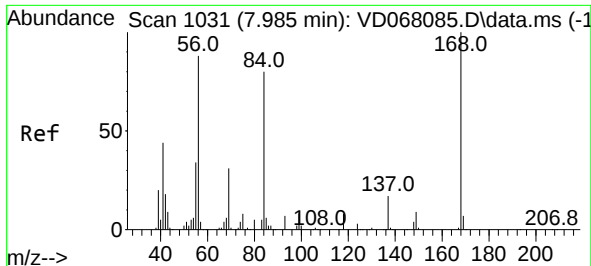
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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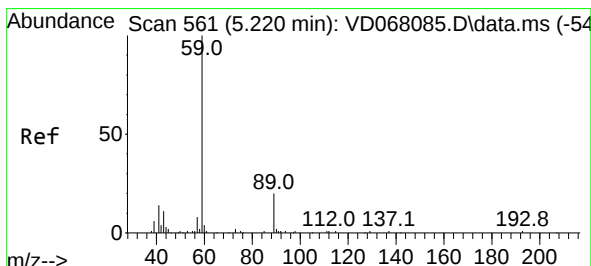
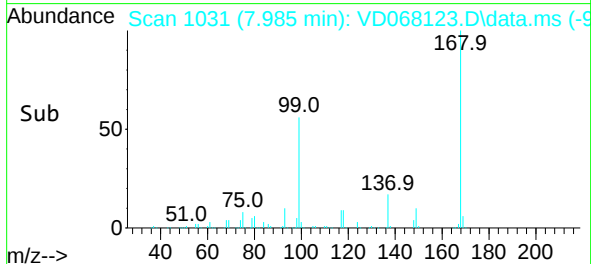
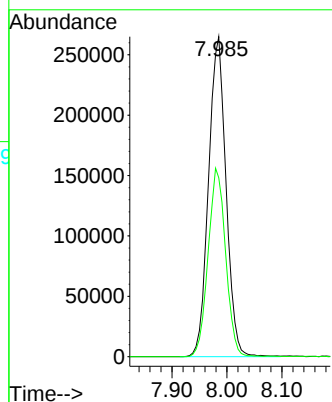
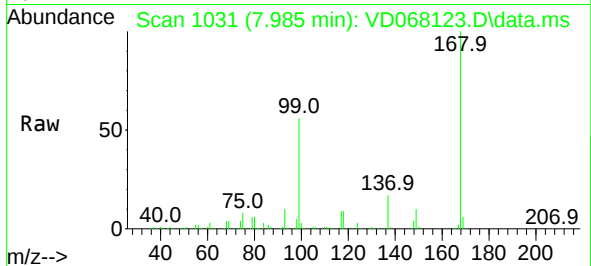




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068123.D
Acq: 20 Jan 2021 19:49

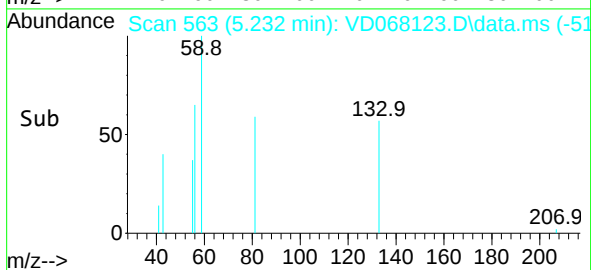
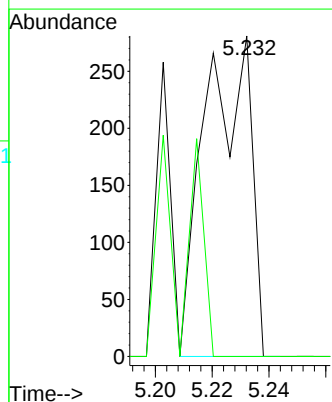
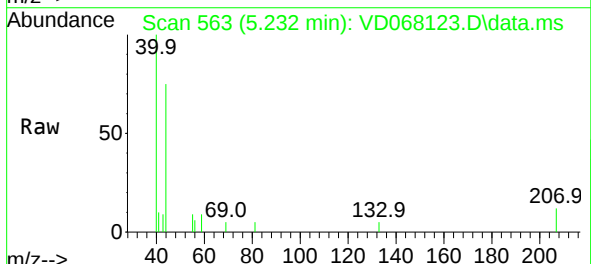
Instrument :
MSVOA_D
ClientSampleId :
HS-TP3

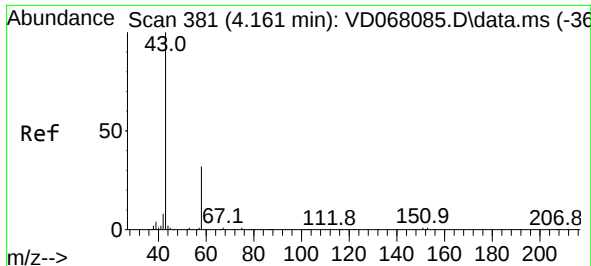
Tgt Ion:168 Resp: 585621
Ion Ratio Lower Upper
168 100
99 55.9 43.5 65.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.232 min Scan# 563
Delta R.T. 0.012 min
Lab File: VD068123.D
Acq: 20 Jan 2021 19:49

Tgt Ion: 59 Resp: 314
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

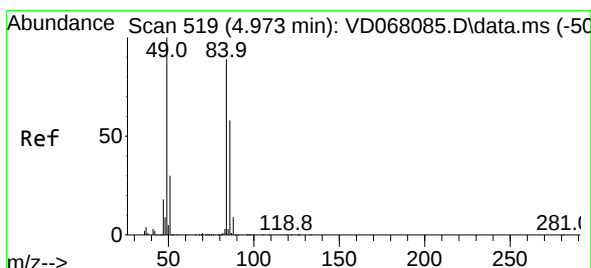
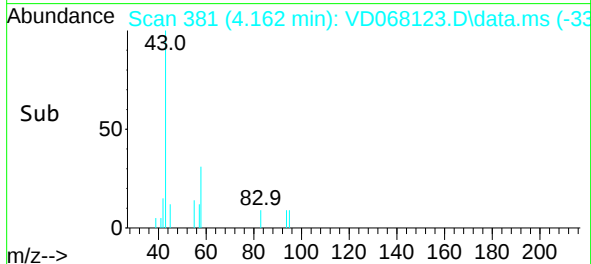
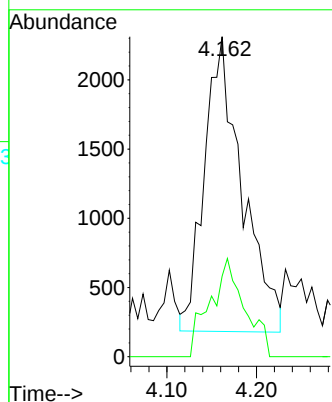
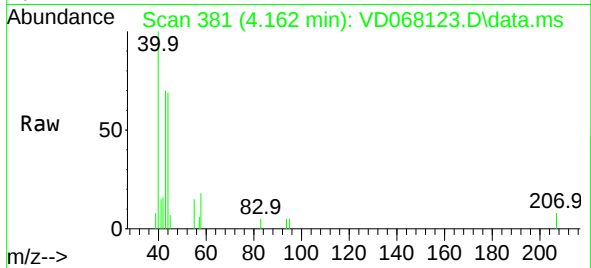




#16
Acetone
Concen: 6.22 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068123.D
Acq: 20 Jan 2021 19:49

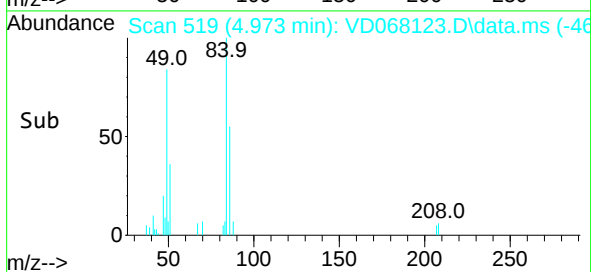
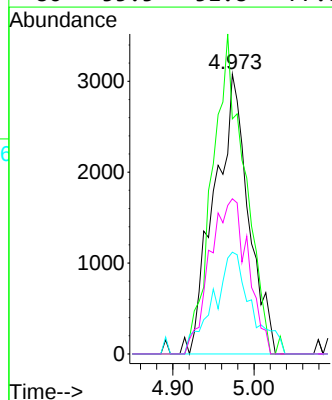
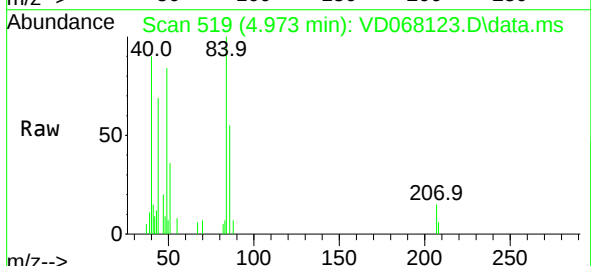
Instrument :
MSVOA_D
ClientSampled :
HS-TP3

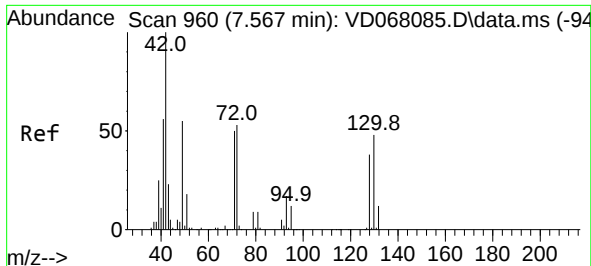
Tgt Ion: 43 Resp: 6224
Ion Ratio Lower Upper
43 100
58 29.0 24.2 36.4



#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068123.D
Acq: 20 Jan 2021 19:49

Tgt Ion: 84 Resp: 8955
Ion Ratio Lower Upper
84 100
49 84.0 77.4 116.2
51 36.3 26.1 39.1
86 55.5 51.8 77.8





#29

Tetrahydrofuran

Concen: 4.26 ug/l

RT: 7.567 min Scan# 960

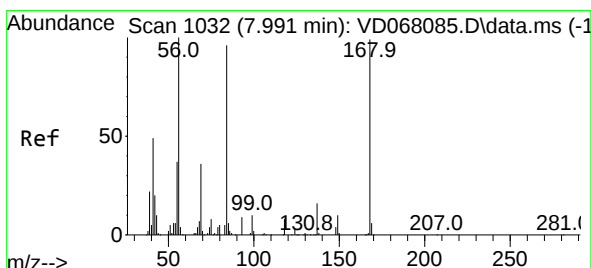
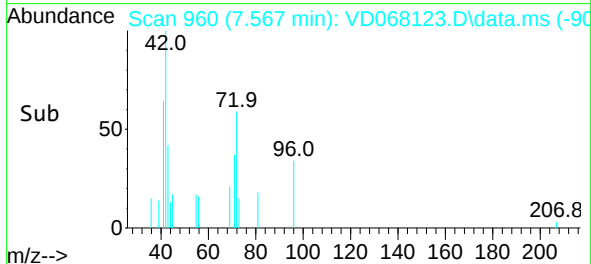
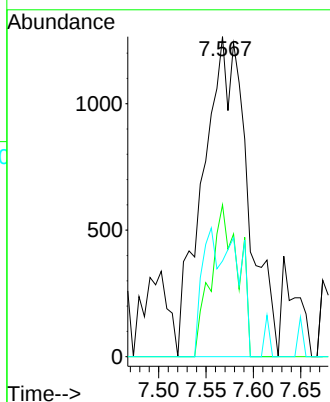
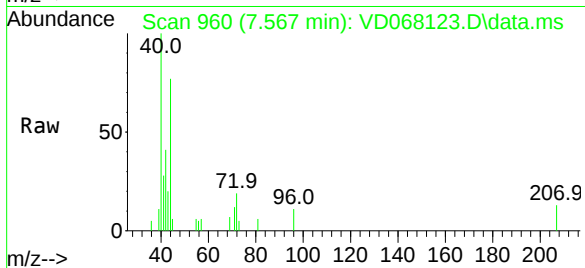
Delta R.T. 0.000 min

Lab File: VD068123.D

Acq: 20 Jan 2021 19:49

Instrument :
MSVOA_D
ClientSampleId :
HS-TP3

Tgt Ion:	42	Resp:	4160
Ion	Ratio	Lower	Upper
42	100		
72	29.4	43.4	65.0#
71	13.7	40.8	61.2#



#31

Cyclohexane

Concen: 1.07 ug/l

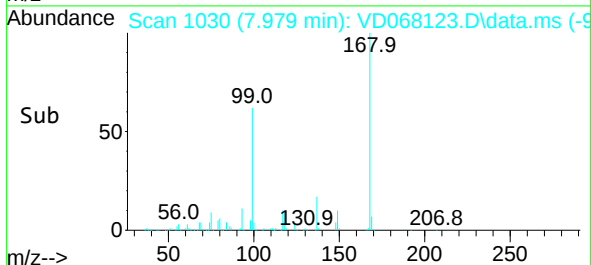
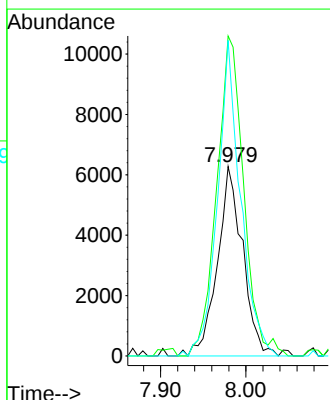
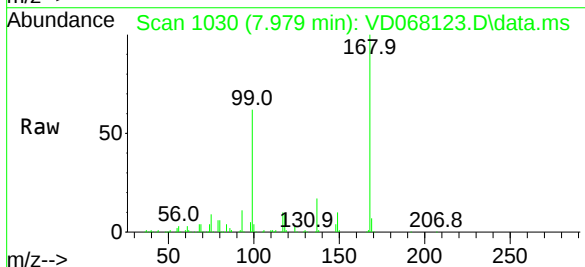
RT: 7.979 min Scan# 1030

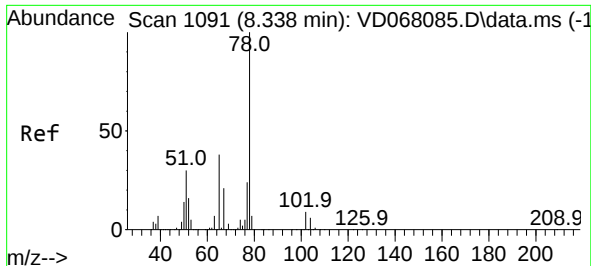
Delta R.T. -0.011 min

Lab File: VD068123.D

Acq: 20 Jan 2021 19:49

Tgt Ion:	56	Resp:	12945
Ion	Ratio	Lower	Upper
56	100		
69	168.9	30.1	45.1#
84	166.5	82.1	123.1#

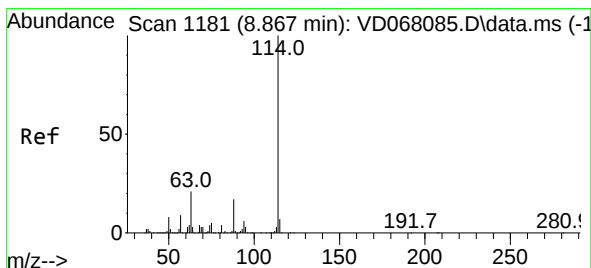
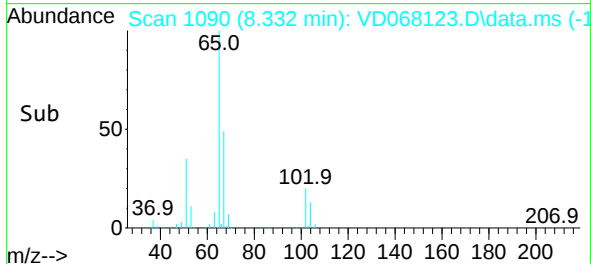
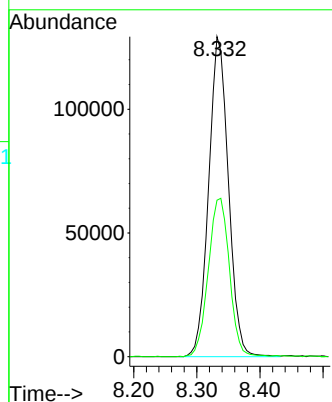
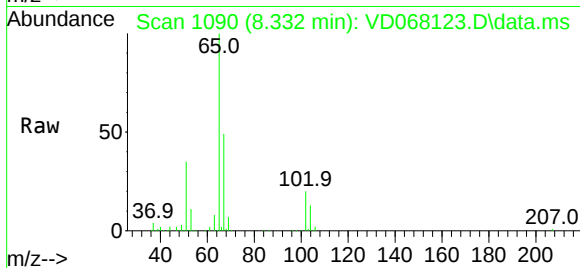




#33
 1,2-Dichloroethane-d4
 Concen: 50.20 ug/l
 RT: 8.332 min Scan# 1090
 Delta R.T. -0.006 min
 Lab File: VD068123.D
 Acq: 20 Jan 2021 19:49

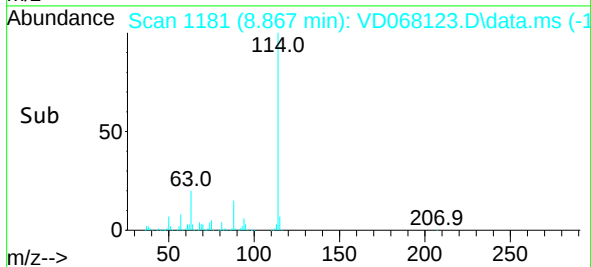
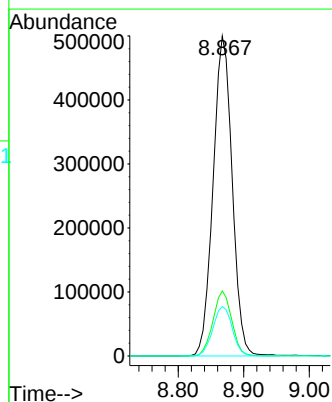
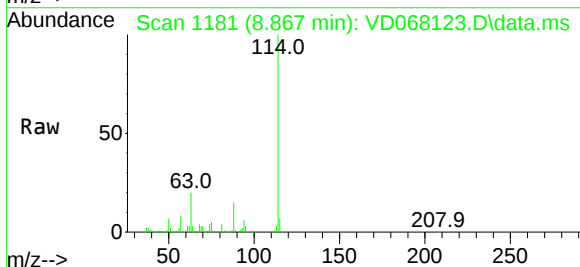
Instrument :
 MSVOA_D
 ClientSampleID :
 HS-TP3

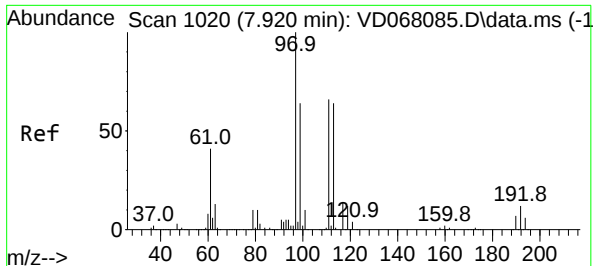
Tgt Ion: 65 Resp: 281241
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.867 min Scan# 1181
 Delta R.T. 0.000 min
 Lab File: VD068123.D
 Acq: 20 Jan 2021 19:49

Tgt Ion: 114 Resp: 1009058
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 34.8
 88 15.4 0.0 31.6

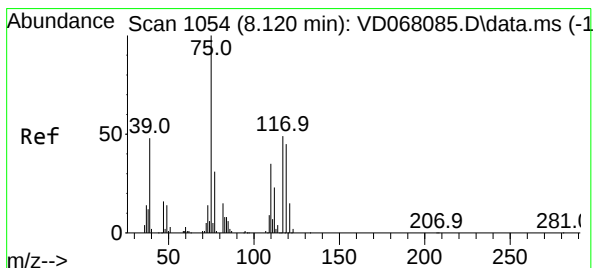
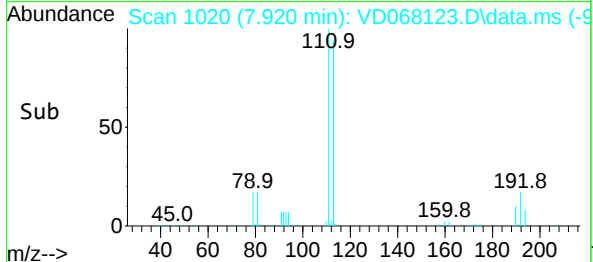
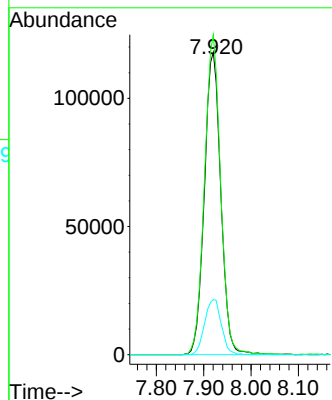
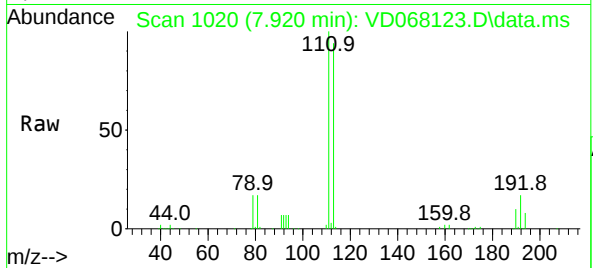




#35
Dibromofluoromethane
Concen: 50.93 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068123.D
Acq: 20 Jan 2021 19:49

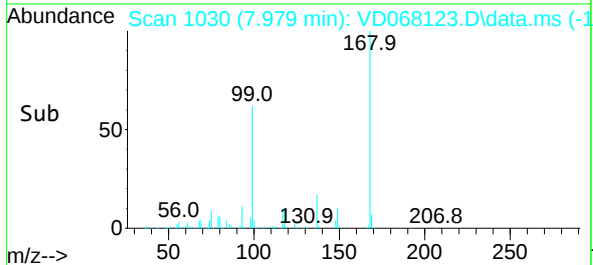
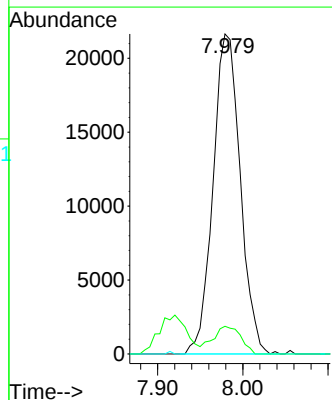
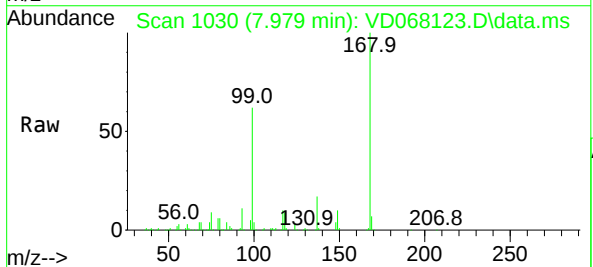
Instrument :
MSVOA_D
ClientSampleId :
HS-TP3

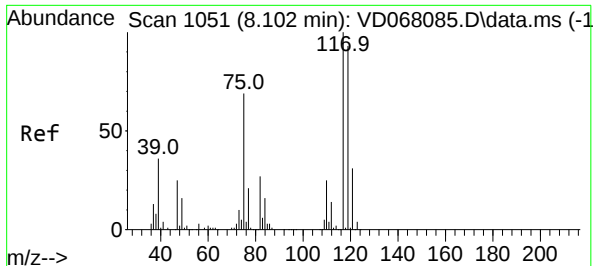
Tgt Ion:113 Resp: 284132
Ion Ratio Lower Upper
113 100
111 103.8 81.4 122.0
192 18.5 16.1 24.1



#36
1,1-Dichloropropene
Concen: 4.71 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.141 min
Lab File: VD068123.D
Acq: 20 Jan 2021 19:49

Tgt Ion: 75 Resp: 47974
Ion Ratio Lower Upper
75 100
110 8.9 19.4 58.2#
77 0.0 25.3 37.9#

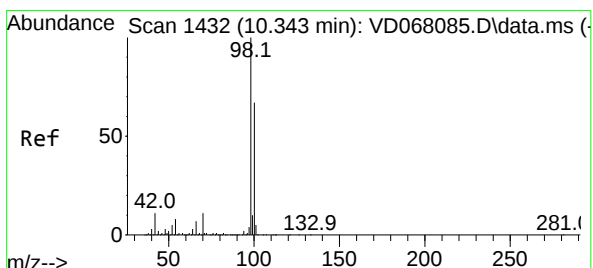
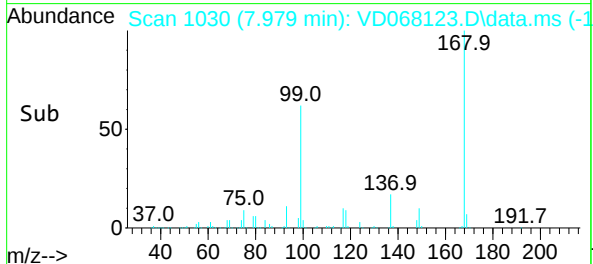
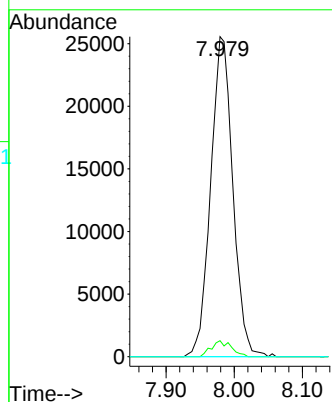
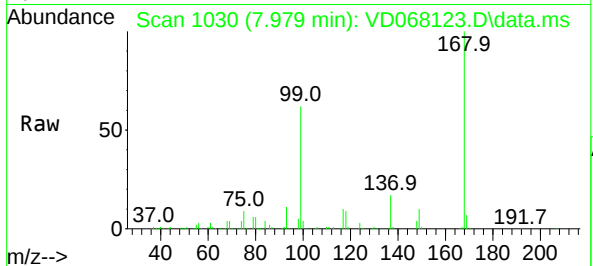




#38
Carbon Tetrachloride
Concen: 6.07 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.123 min
Lab File: VD068123.D
Acq: 20 Jan 2021 19:49

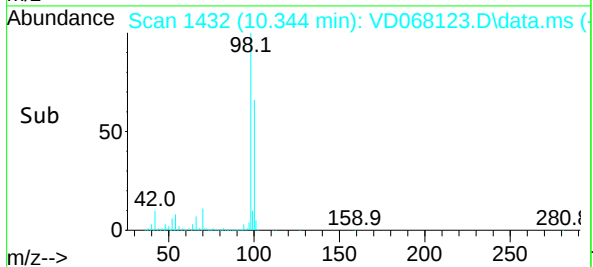
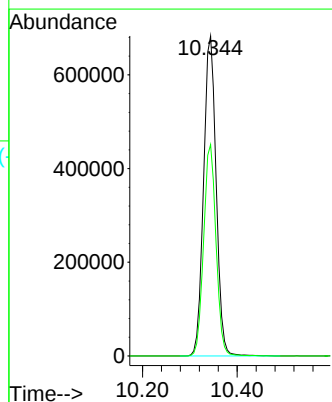
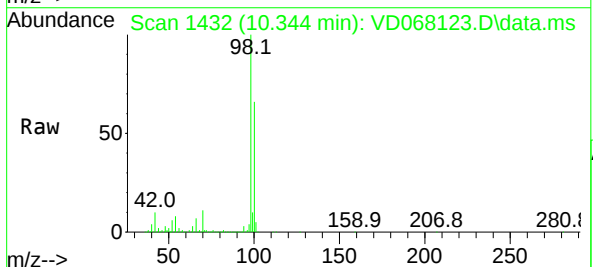
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ClientSampleId :
HS-TP3

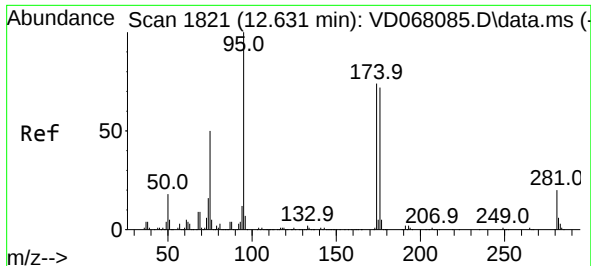
Tgt Ion:117 Resp: 57861
Ion Ratio Lower Upper
117 100
119 5.0 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 56.31 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068123.D
Acq: 20 Jan 2021 19:49

Tgt Ion: 98 Resp: 1256562
Ion Ratio Lower Upper
98 100
100 65.3 53.0 79.4

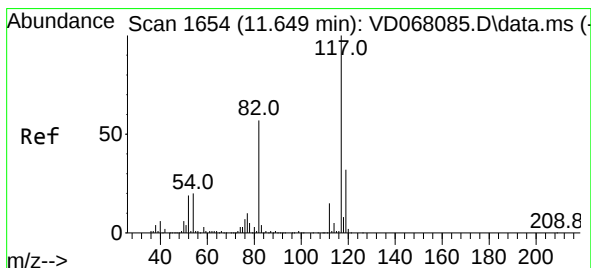
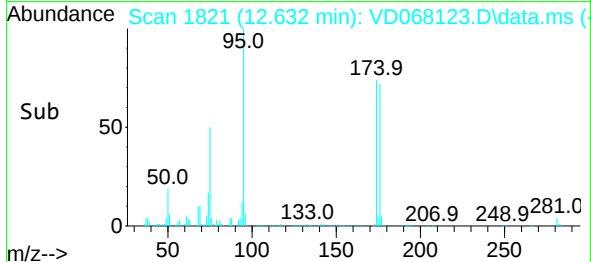
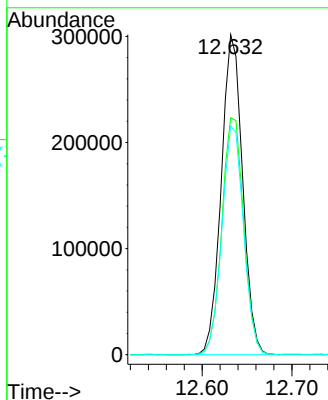
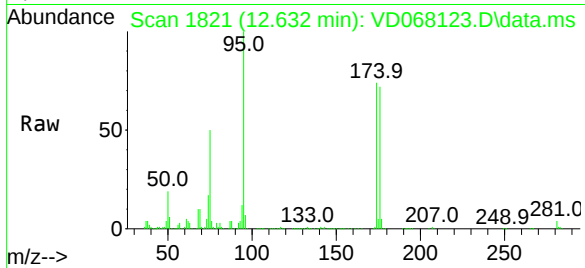




#62
4-Bromofluorobenzene
Concen: 61.91 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068123.D
Acq: 20 Jan 2021 19:49

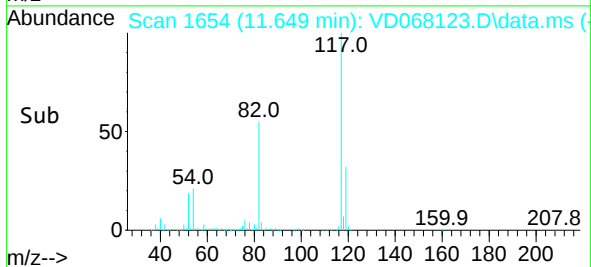
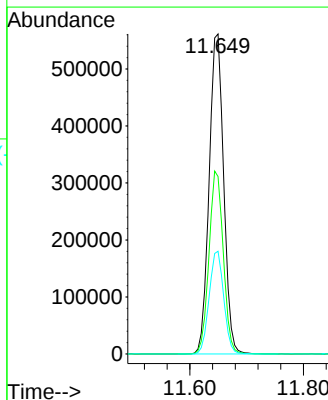
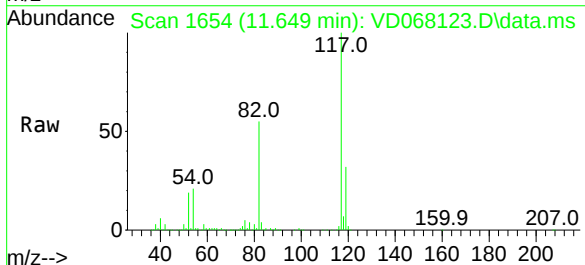
Instrument :
MSVOA_D
ClientSampleId :
HS-TP3

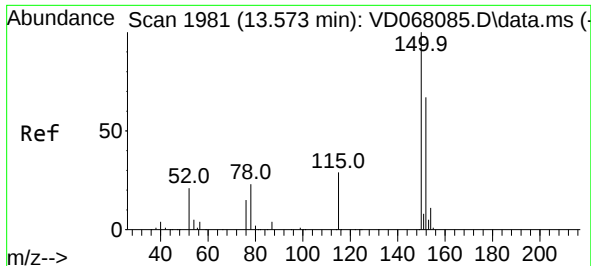
Tgt Ion: 95 Resp: 497503
Ion Ratio Lower Upper
95 100
174 76.1 0.0 172.4
176 72.6 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068123.D
Acq: 20 Jan 2021 19:49

Tgt Ion: 117 Resp: 993358
Ion Ratio Lower Upper
117 100
82 55.4 41.4 62.0
119 32.1 26.1 39.1

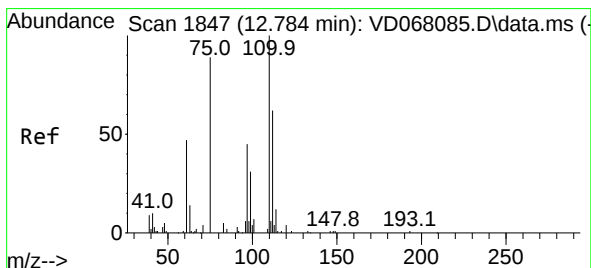
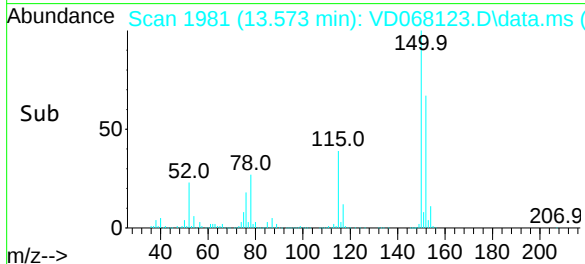
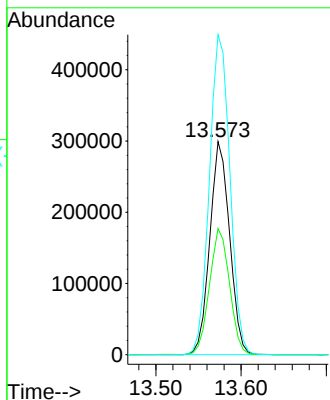
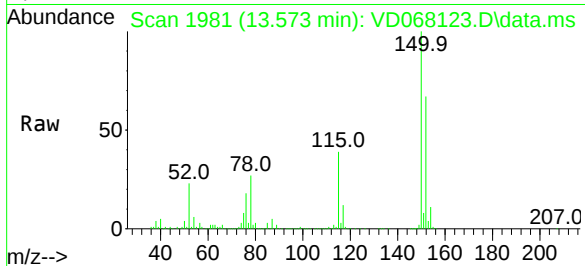




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068123.D
Acq: 20 Jan 2021 19:49

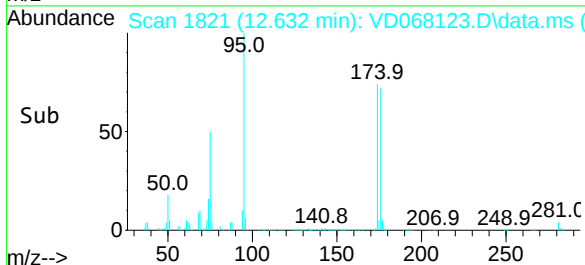
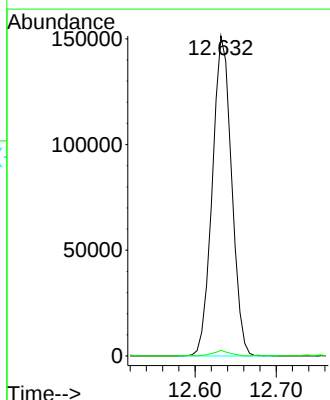
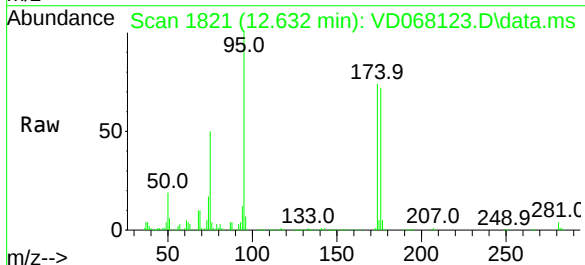
Instrument :
MSVOA_D
ClientSampleId :
HS-TP3

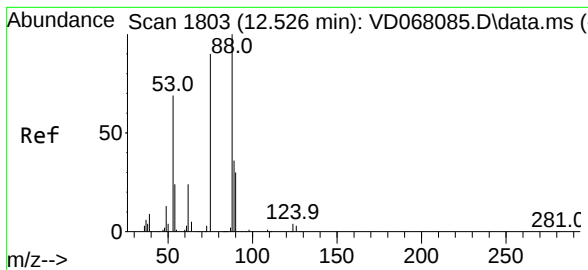
Tgt Ion:152 Resp: 484194
Ion Ratio Lower Upper
152 100
115 59.9 28.9 86.8
150 155.4 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 53.37 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068123.D
Acq: 20 Jan 2021 19:49

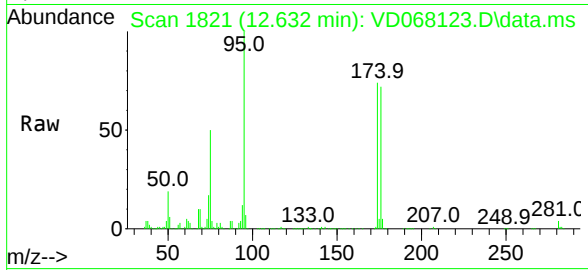
Tgt Ion: 75 Resp: 249867
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 108.00 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068123.D
 Acq: 20 Jan 2021 19:49

Instrument :
 MSVOA_D
 ClientSampleId :
 HS-TP3



Tgt Ion: 75 Resp: 249867
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.1 40.3 60.5#

