

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040821\
 Data File : VD068800.D
 Acq On : 08 Apr 2021 20:20
 Operator : VA/SY
 Sample : M1979-04
 Misc : 5.33G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 09 01:05:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	424019	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	794626	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	834395	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	401370	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	198444	44.28	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.56%
35) Dibromofluoromethane	7.920	113	242826	46.98	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.96%
50) Toluene-d8	10.344	98	991713	50.86	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.72%
62) 4-Bromofluorobenzene	12.632	95	370023	57.14	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	114.28%

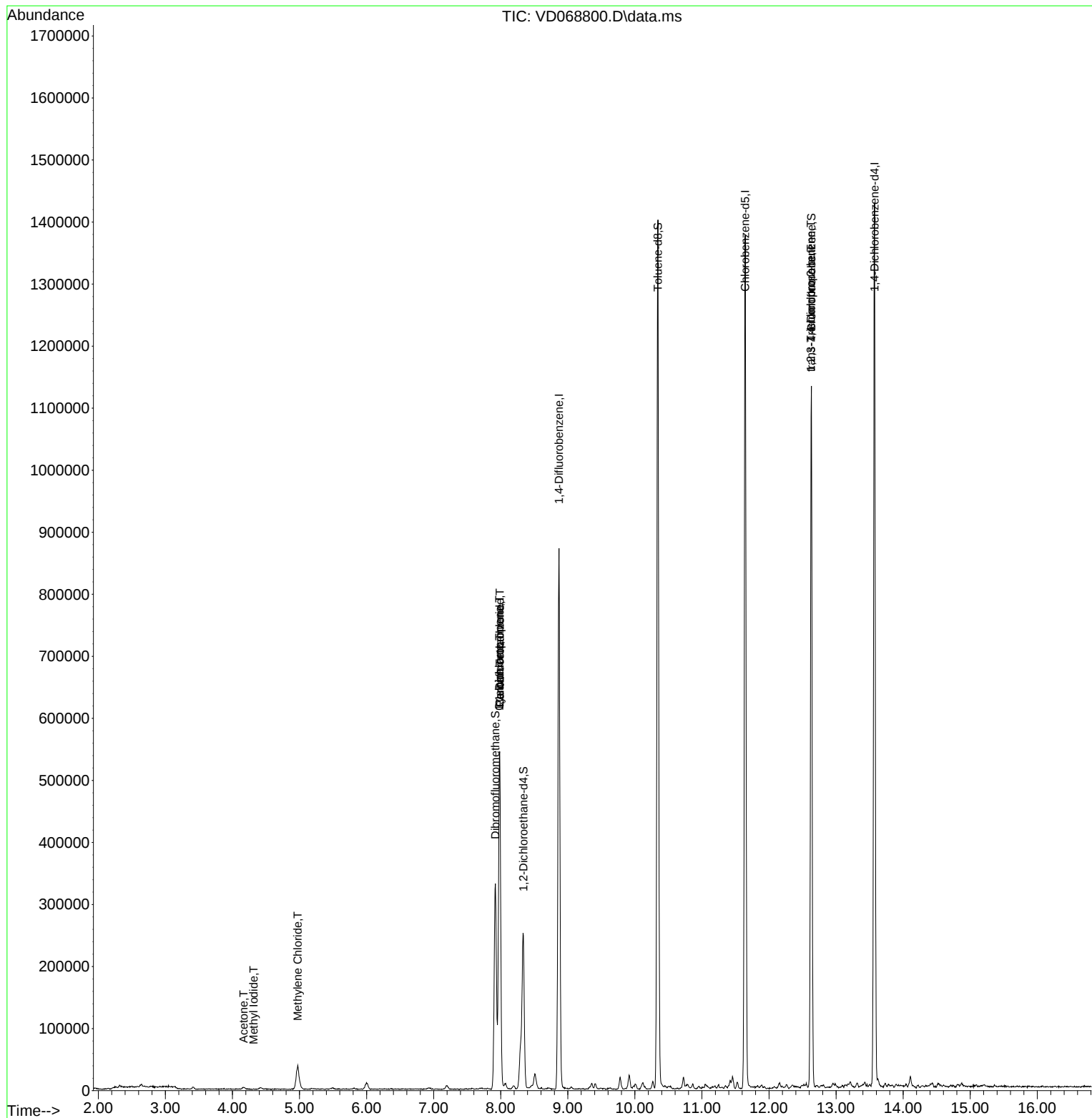
Target Compounds					Qvalue	
10) Methyl Iodide	4.315	142	67	2.26	ug/l	# 41
11) Tert butyl alcohol	5.197	59	736	Below	Cal	# 73
16) Acetone	4.168	43	6150	9.91	ug/l	# 81
20) Methylene Chloride	4.973	84	30211	1.33	ug/l	# 93
31) Cyclohexane	7.979	56	9223	1.24	ug/l	# 38
36) 1,1-Dichloropropene	7.979	75	31982	3.98	ug/l	# 50
38) Carbon Tetrachloride	7.985	117	42135	5.29	ug/l	# 17
76) 1,2,3-Trichloropropane	12.626	75	182463	49.76	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.626	75	182463	115.48	ug/l	# 16

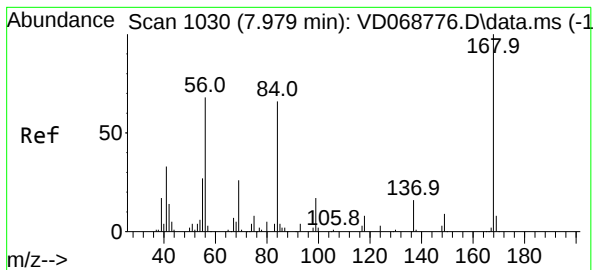
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040821\
Data File : VD068800.D
Acq On : 08 Apr 2021 20:20
Operator : VA/SY
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ALS Vial : 21 Sample Multiplier: 1

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MSVOA_D
ClientSampleId :

Quant Time: Apr 09 01:05:44 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

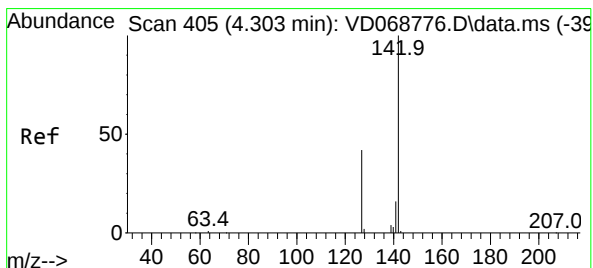
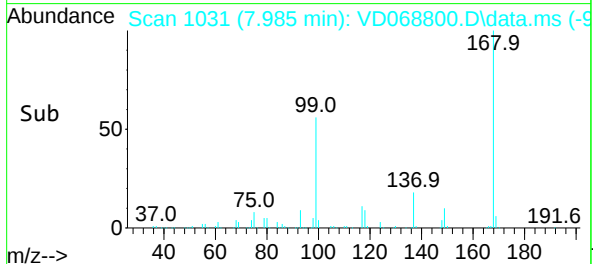
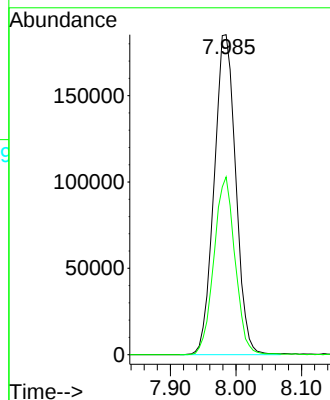
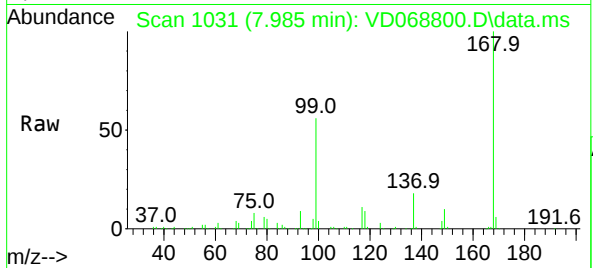




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068800.D
Acq: 08 Apr 2021 20:20

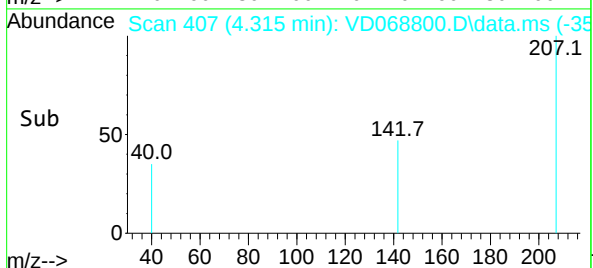
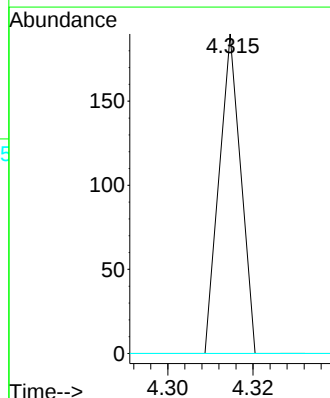
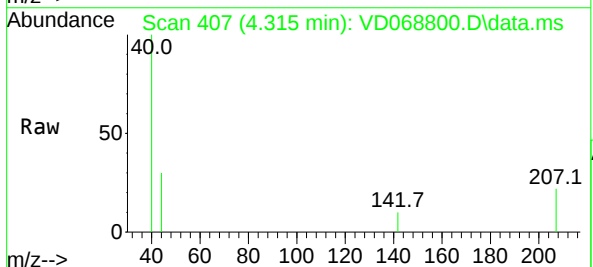
Instrument :
MSVOA_D
ClientSampled :

Tgt Ion:168 Resp: 424019
Ion Ratio Lower Upper
168 100
99 55.6 46.2 69.2



#10
Methyl Iodide
Concen: 2.26 ug/l
RT: 4.315 min Scan# 407
Delta R.T. 0.012 min
Lab File: VD068800.D
Acq: 08 Apr 2021 20:20

Tgt Ion:142 Resp: 67
Ion Ratio Lower Upper
142 100
127 0.0 34.7 52.1#
141 0.0 11.0 16.4#

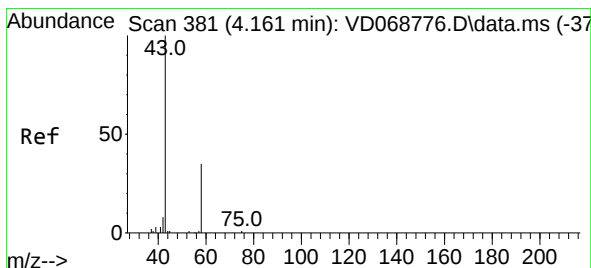
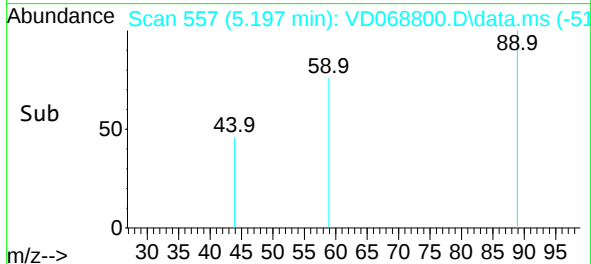
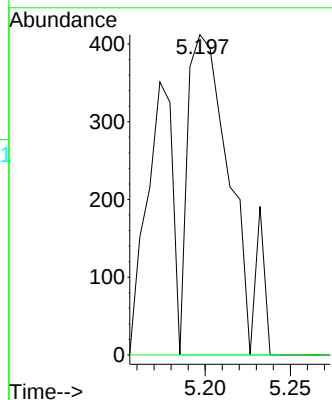
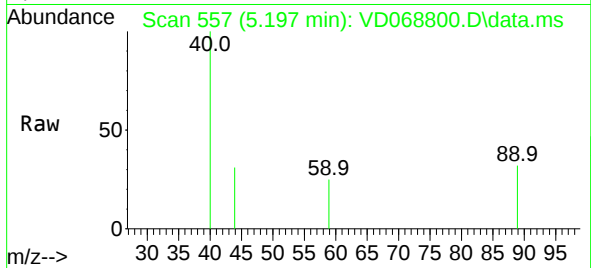




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.197 min Scan# 557
Delta R.T. -0.023 min
Lab File: VD068800.D
Acq: 08 Apr 2021 20:20

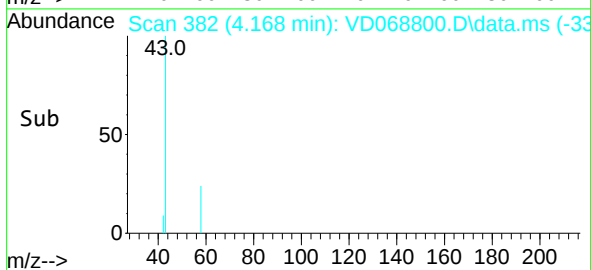
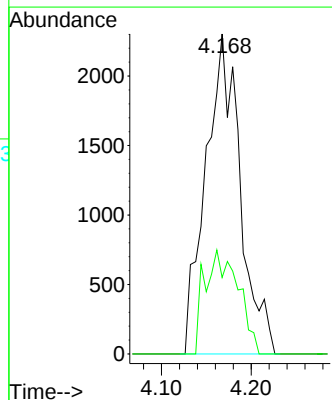
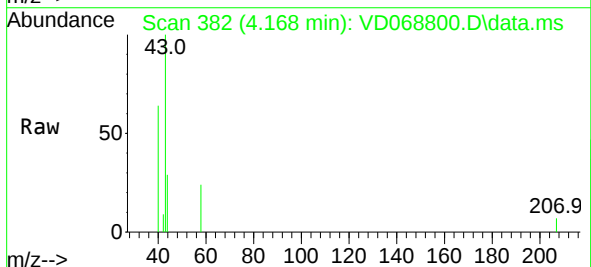
Instrument :
MSVOA_D
ClientSampled :

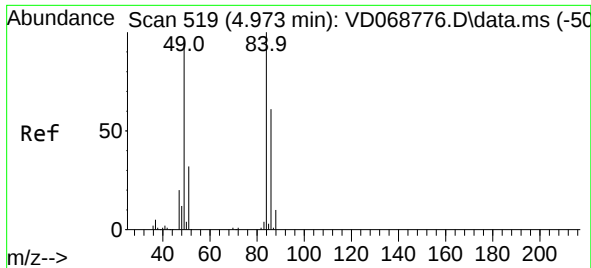
Tgt Ion: 59 Resp: 736
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 9.91 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.007 min
Lab File: VD068800.D
Acq: 08 Apr 2021 20:20

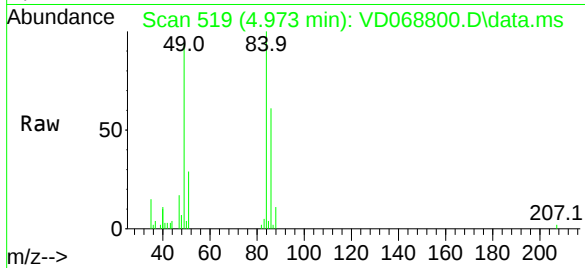
Tgt Ion: 43 Resp: 6150
Ion Ratio Lower Upper
43 100
58 23.9 28.0 42.0#



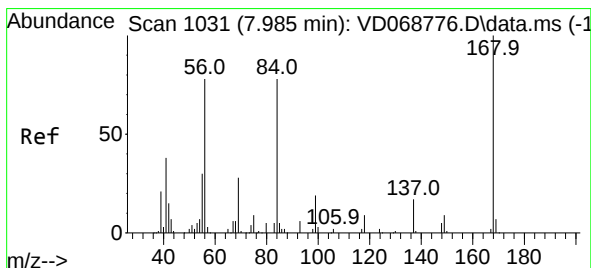
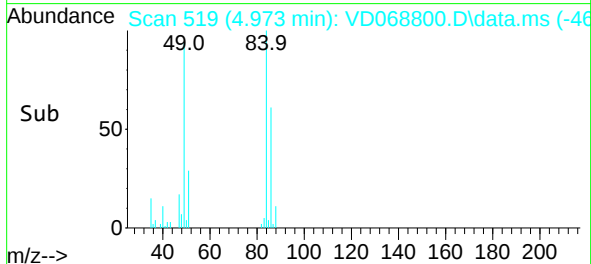
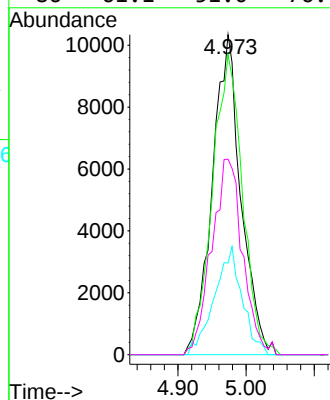


#20
Methylene Chloride
Concen: 1.33 ug/l
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068800.D
Acq: 08 Apr 2021 20:20

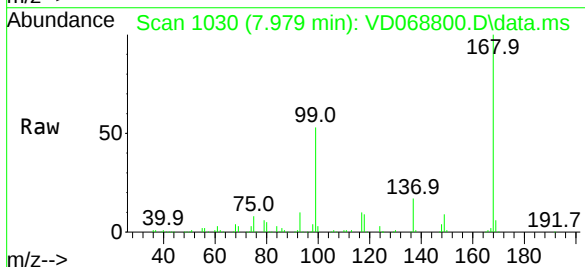
Instrument :
MSVOA_D
ClientSampled :



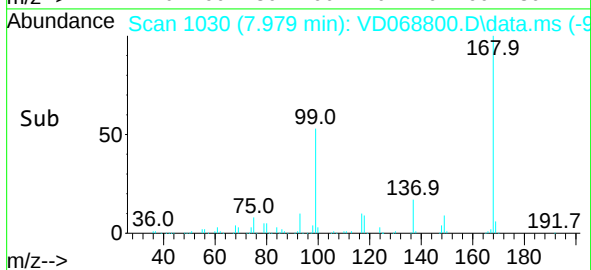
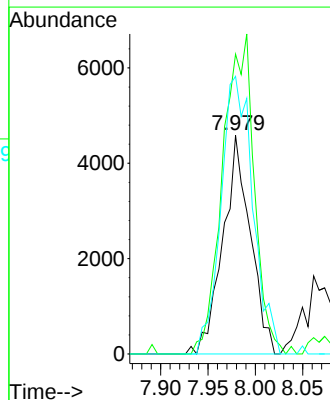
Tgt Ion:	84	Resp:	30211
Ion	Ratio	Lower	Upper
84	100		
49	93.7	83.4	125.0
51	28.6	23.4	35.2
86	61.1	51.0	76.4

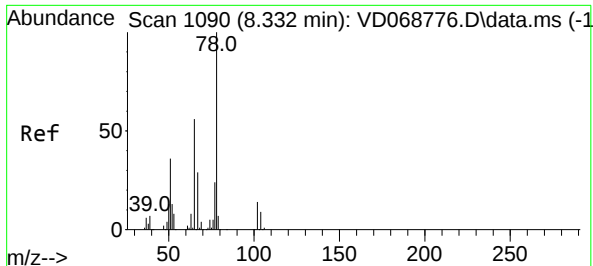


#31
Cyclohexane
Concen: 1.24 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068800.D
Acq: 08 Apr 2021 20:20



Tgt Ion:	56	Resp:	9223
Ion	Ratio	Lower	Upper
56	100		
69	137.2	30.0	45.0#
84	127.0	82.0	123.0#

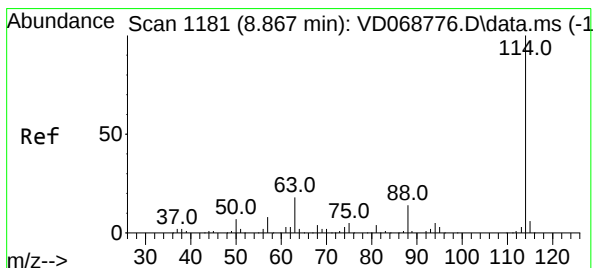
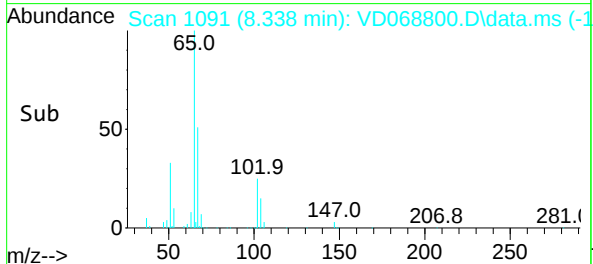
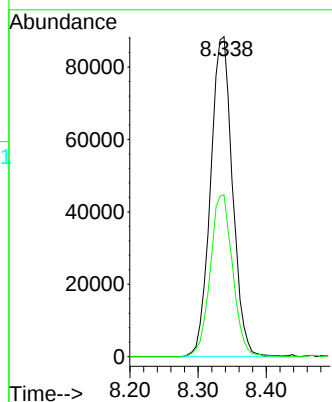
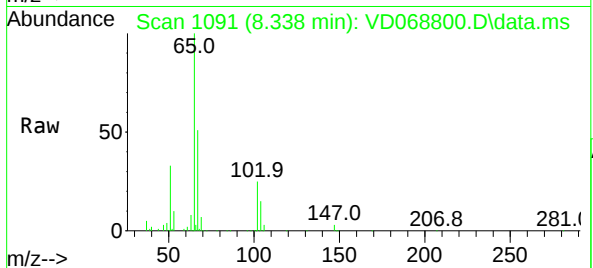




#33
1,2-Dichloroethane-d4
Concen: 44.28 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068800.D
Acq: 08 Apr 2021 20:20

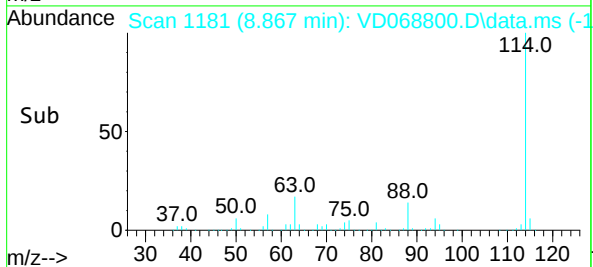
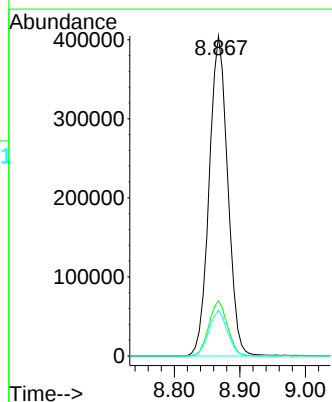
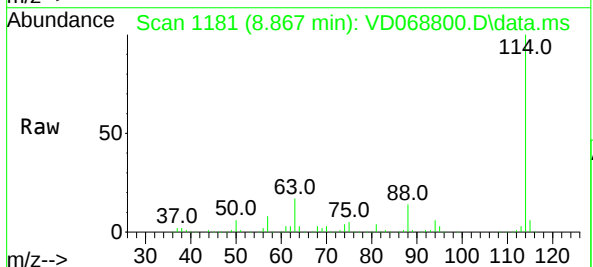
Instrument :
MSVOA_D
ClientSampled :

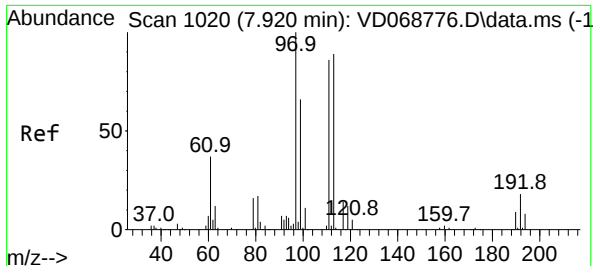
Tgt Ion: 65 Resp: 198444
Ion Ratio Lower Upper
65 100
67 51.5 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068800.D
Acq: 08 Apr 2021 20:20

Tgt Ion: 114 Resp: 794626
Ion Ratio Lower Upper
114 100
63 17.3 0.0 38.2
88 14.2 0.0 29.4





#35

Dibromofluoromethane

Concen: 46.98 ug/l

RT: 7.920 min Scan# 1020

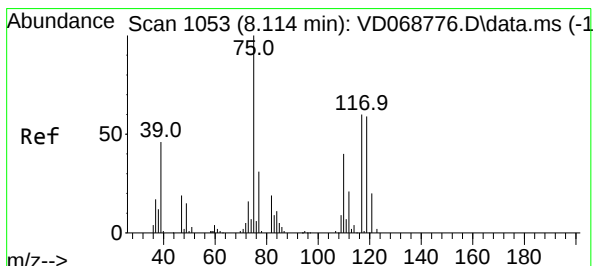
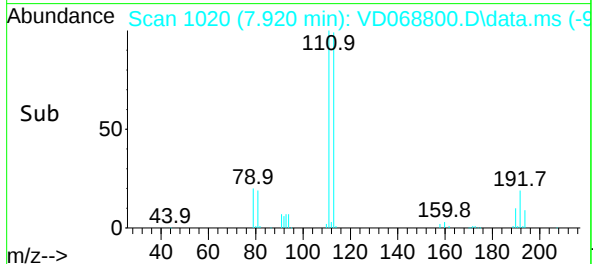
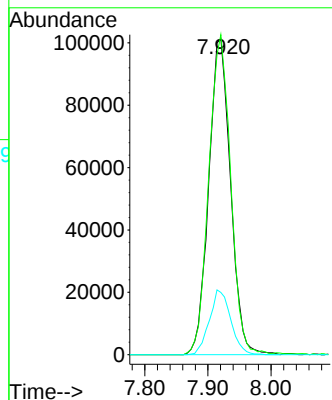
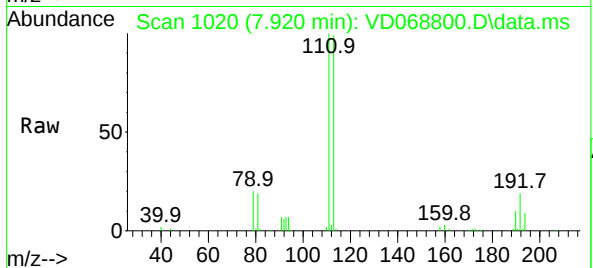
Delta R.T. 0.000 min

Lab File: VD068800.D

Acq: 08 Apr 2021 20:20

Tgt Ion:	113	Resp:	242826
Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.5	123.7
192	20.0	15.1	22.7

Instrument :
MSVOA_D
ClientSampled :



#36

1,1-Dichloropropene

Concen: 3.98 ug/l

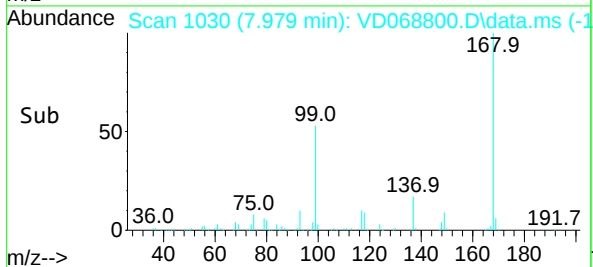
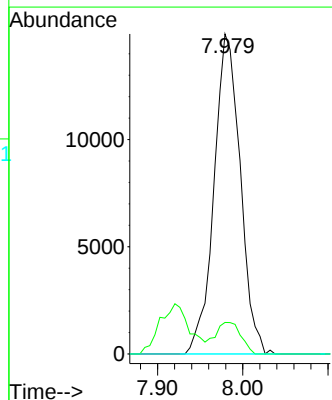
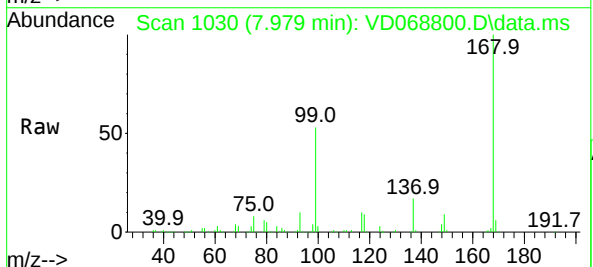
RT: 7.979 min Scan# 1030

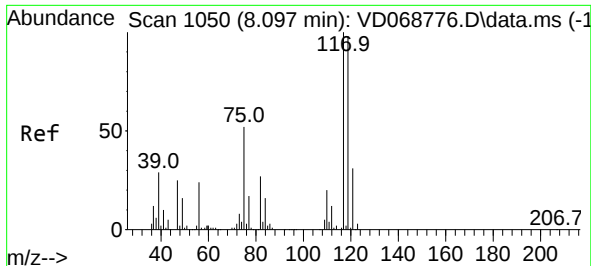
Delta R.T. -0.135 min

Lab File: VD068800.D

Acq: 08 Apr 2021 20:20

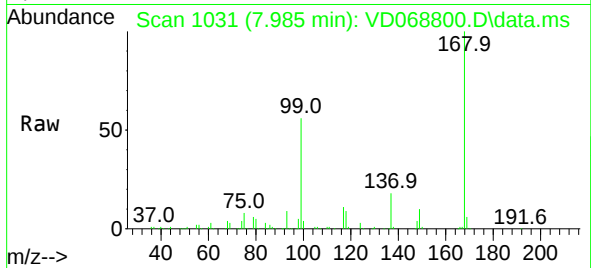
Tgt Ion:	75	Resp:	31982
Ion	Ratio	Lower	Upper
75	100		
110	9.7	18.1	54.4#
77	0.0	24.7	37.1#



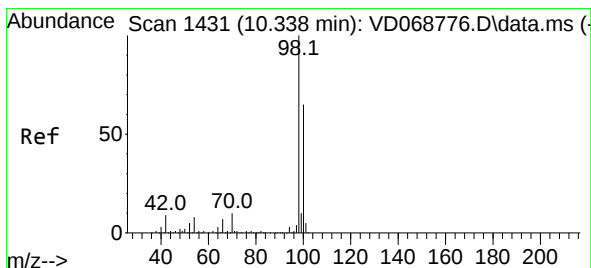
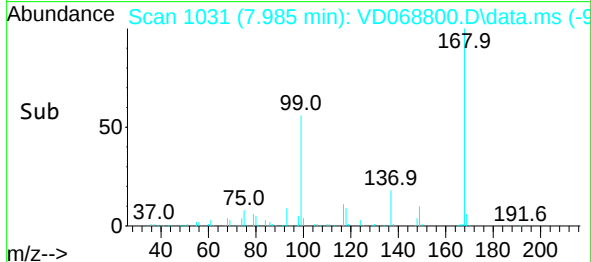
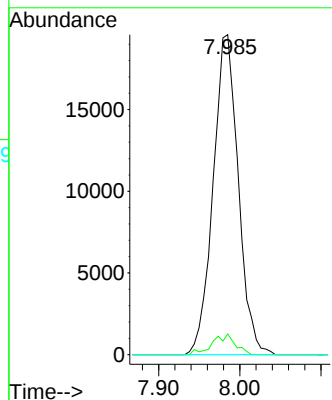


#38
Carbon Tetrachloride
Concen: 5.29 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD068800.D
Acq: 08 Apr 2021 20:20

Instrument :
MSVOA_D
ClientSampled :

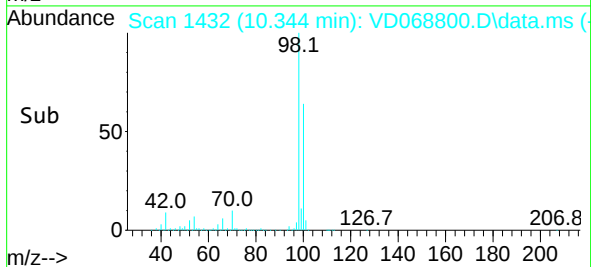
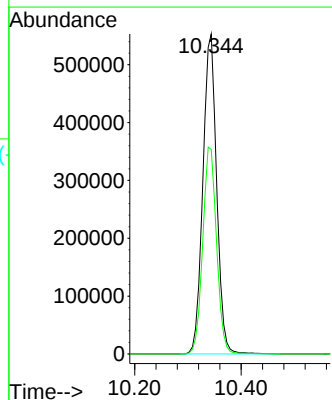
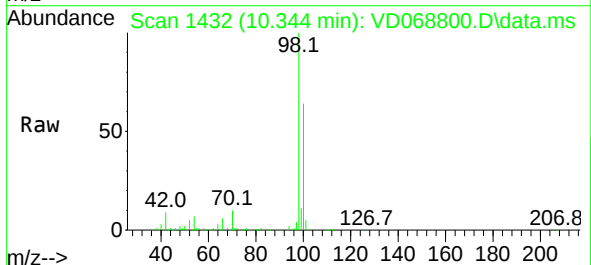


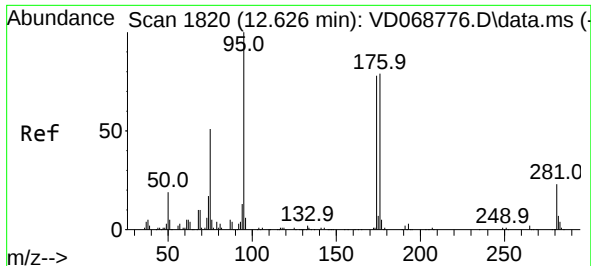
Tgt Ion:117 Resp: 42135
Ion Ratio Lower Upper
117 100
119 6.5 76.6 115.0#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 50.86 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.006 min
Lab File: VD068800.D
Acq: 08 Apr 2021 20:20

Tgt Ion: 98 Resp: 991713
Ion Ratio Lower Upper
98 100
100 65.1 51.8 77.6

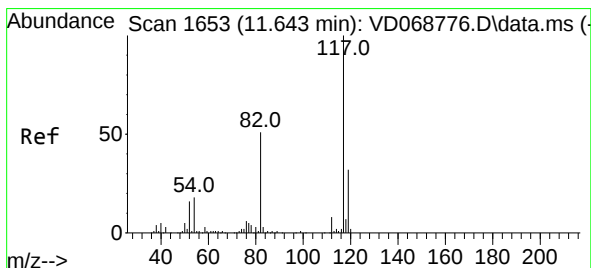
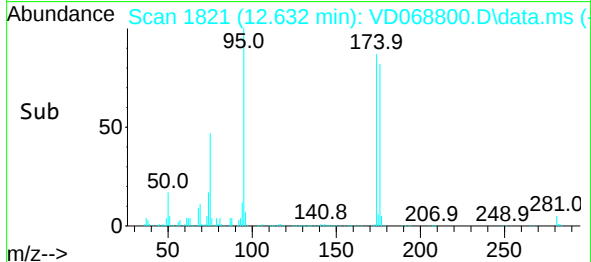
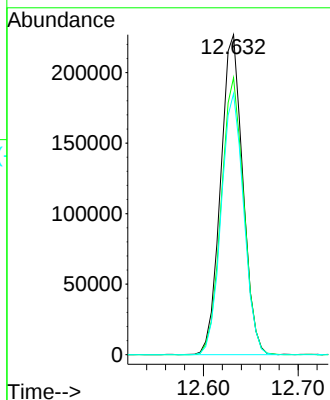
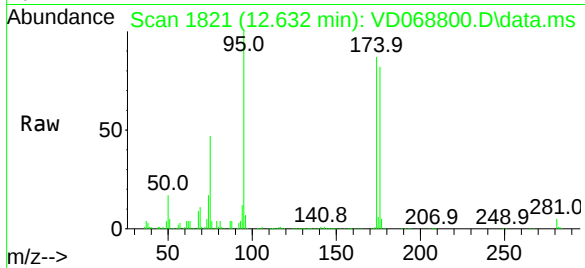




#62
4-Bromofluorobenzene
Concen: 57.14 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068800.D
Acq: 08 Apr 2021 20:20

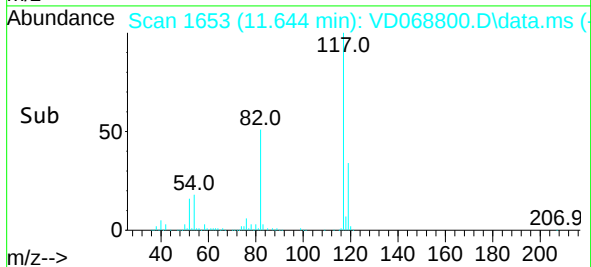
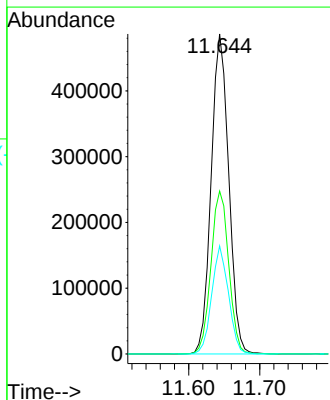
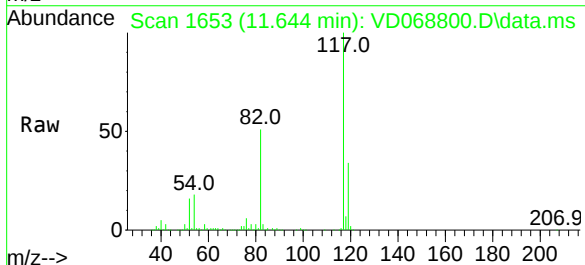
Instrument :
MSVOA_D
ClientSampleId :

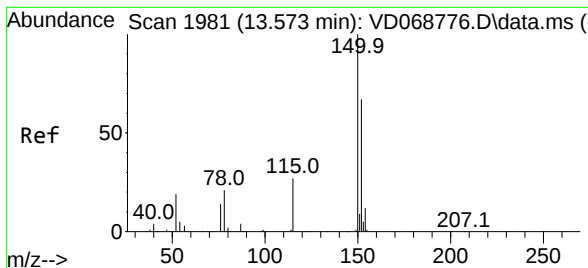
Tgt Ion: 95 Resp: 370023
Ion Ratio Lower Upper
95 100
174 87.4 0.0 168.0
176 82.6 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068800.D
Acq: 08 Apr 2021 20:20

Tgt Ion:117 Resp: 834395
Ion Ratio Lower Upper
117 100
82 50.9 43.5 65.3
119 33.7 26.7 40.1

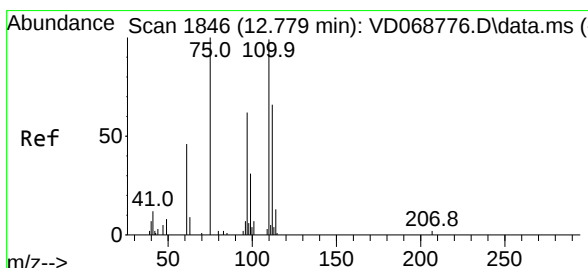
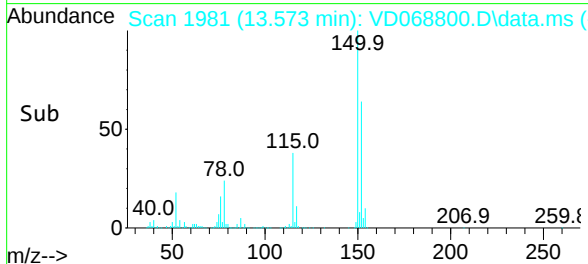
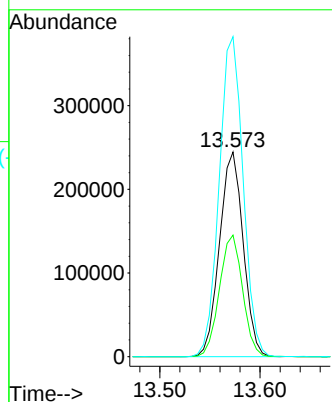
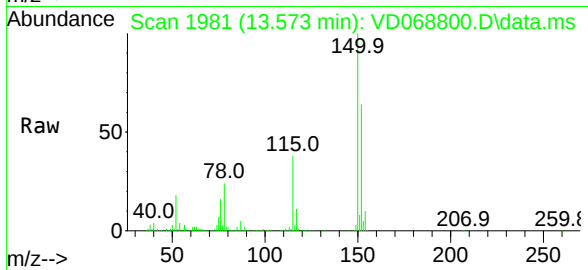




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068800.D
Acq: 08 Apr 2021 20:20

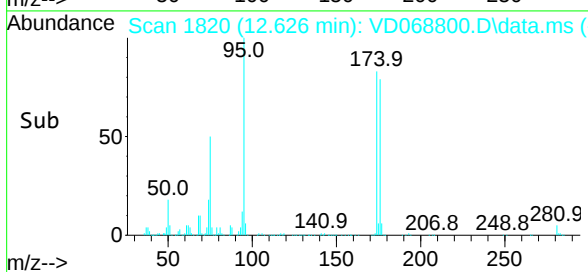
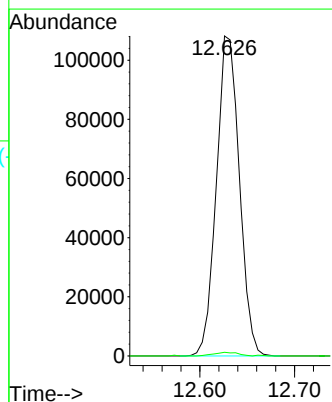
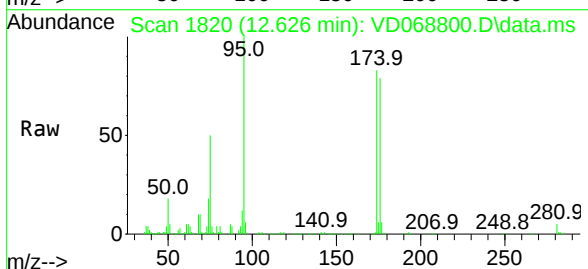
Instrument :
MSVOA_D
ClientSampleId :

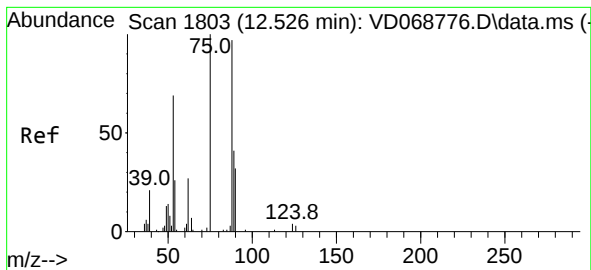
Tgt Ion:152 Resp: 401370
Ion Ratio Lower Upper
152 100
115 58.0 29.3 87.8
150 157.8 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 49.76 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.153 min
Lab File: VD068800.D
Acq: 08 Apr 2021 20:20

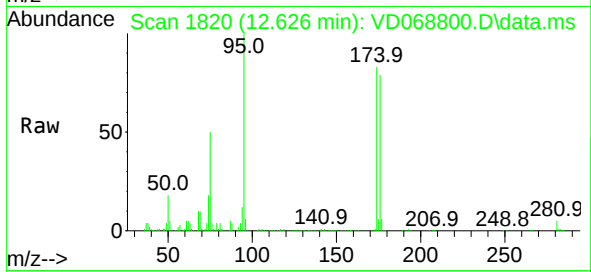
Tgt Ion: 75 Resp: 182463
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 115.48 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.100 min
 Lab File: VD068800.D
 Acq: 08 Apr 2021 20:20

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 182463
 Ion Ratio Lower Upper
 75 100
 53 0.1 66.8 100.2#
 89 0.0 36.6 54.8#

