

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030121\
 Data File : VD068476.D
 Acq On : 01 Mar 2021 12:57
 Operator : VA/SY
 Sample : M1509-01
 Misc : 6.96G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BU-02-022621

Quant Time: Mar 01 20:46:33 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)

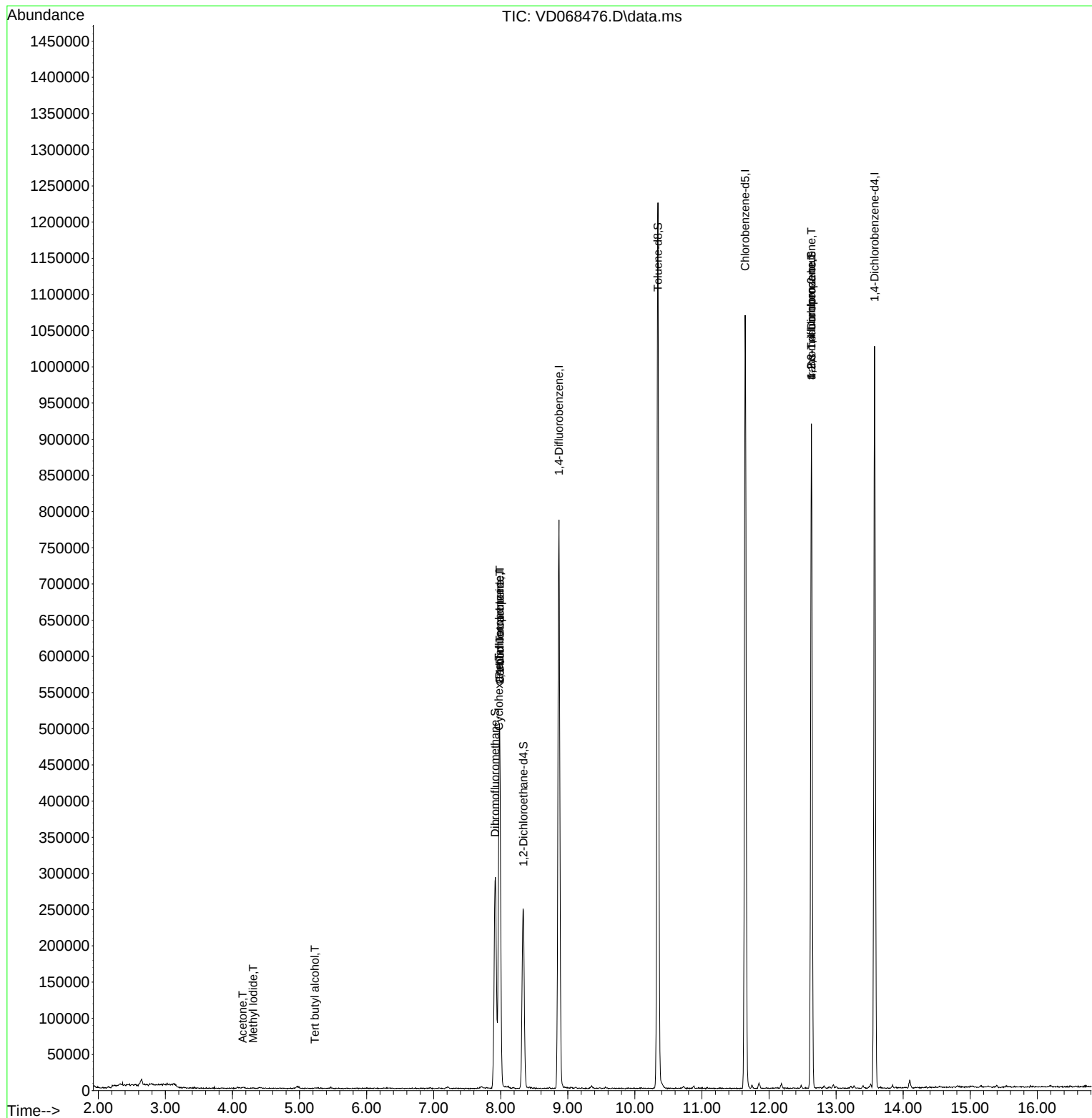
Internal Standards						
1) Pentafluorobenzene	7.979	168	394679	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	707858	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	656546	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	282998	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	200392	50.82	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.64%
35) Dibromofluoromethane	7.914	113	214886	50.39	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.78%
50) Toluene-d8	10.344	98	871716	51.32	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.64%
62) 4-Bromofluorobenzene	12.632	95	272572	49.80	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.60%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.309	142	842	2.78	ug/l #	38
11) Tert butyl alcohol	5.226	59	1254	5.96	ug/l #	74
16) Acetone	4.150	43	1430	2.28	ug/l	92
20) Methylene Chloride	4.968	84	1163	Below Cal	#	54
31) Cyclohexane	7.973	56	8847	1.23	ug/l #	32
36) 1,1-Dichloropropene	7.985	75	29168	4.33	ug/l #	47
38) Carbon Tetrachloride	7.985	117	39223	6.20	ug/l #	17
76) 1,2,3-Trichloropropane	12.632	75	140196	55.80	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	140196	130.22	ug/l #	13

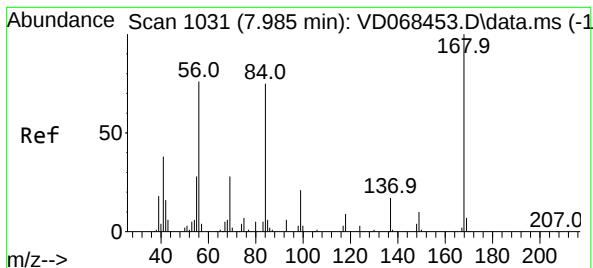
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030121\
Data File : VD068476.D
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BU-02-022621

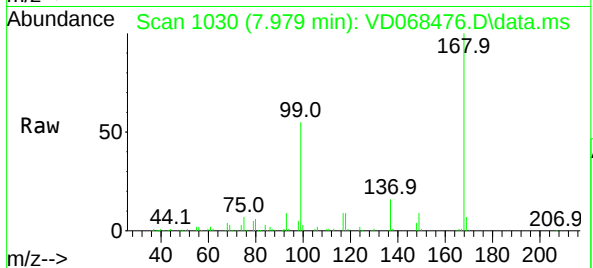
Quant Time: Mar 01 20:46:33 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
Quant Title : SW846 8260
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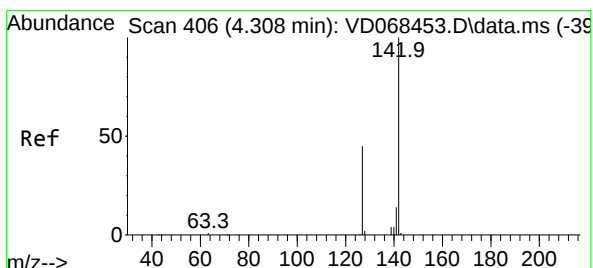
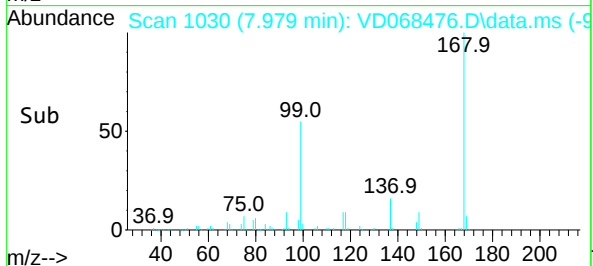
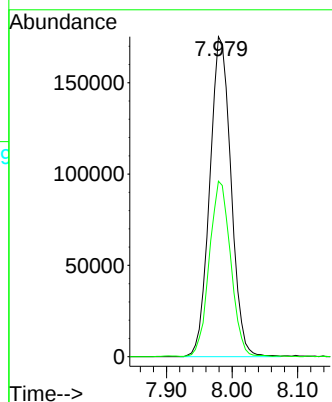


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068476.D
Acq: 01 Mar 2021 12:57

Instrument :
MSVOA_D
ClientSampleId :
BU-02-022621

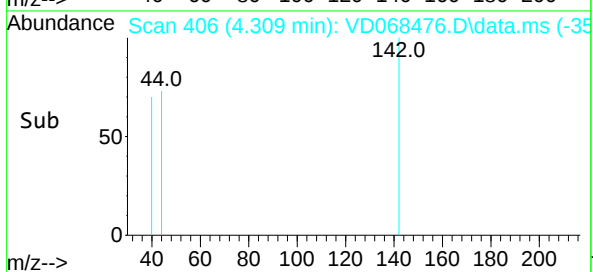
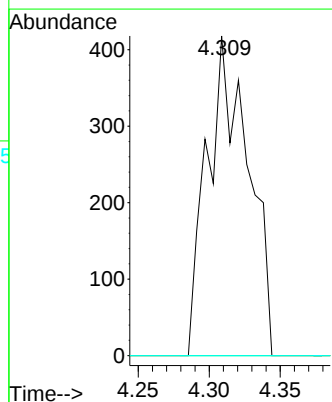
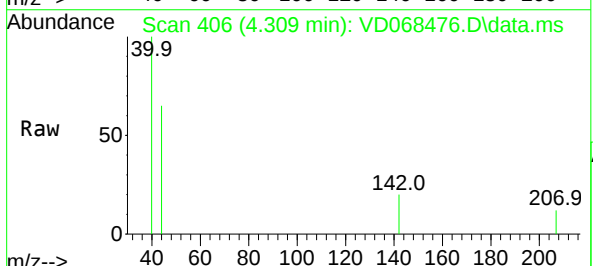


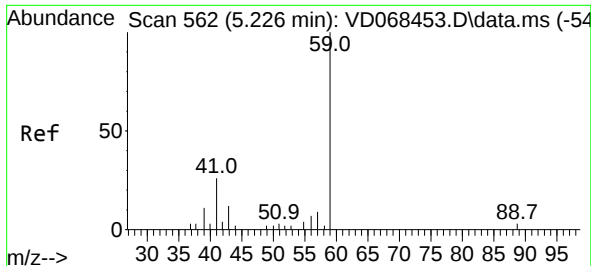
Tgt Ion:168 Resp: 394679
Ion Ratio Lower Upper
168 100
99 54.7 43.5 65.3



#10
Methyl Iodide
Concen: 2.78 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.001 min
Lab File: VD068476.D
Acq: 01 Mar 2021 12:57

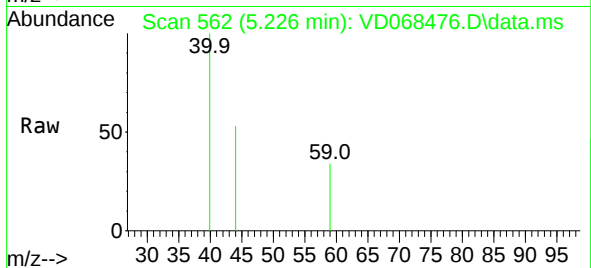
Tgt Ion:142 Resp: 842
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#



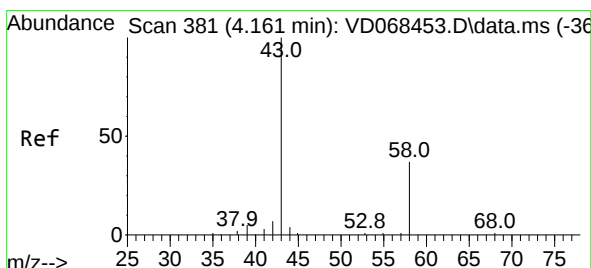
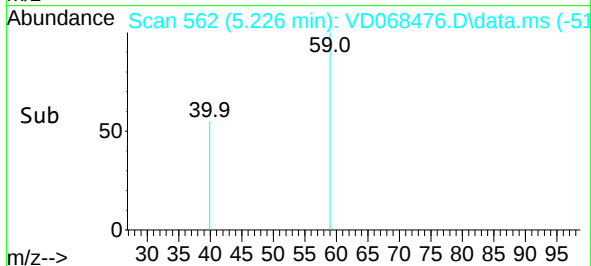
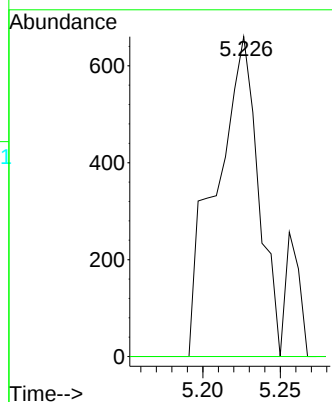


#11
Tert butyl alcohol
Concen: 5.96 ug/l
RT: 5.226 min Scan# 562
Delta R.T. 0.000 min
Lab File: VD068476.D
Acq: 01 Mar 2021 12:57

Instrument :
MSVOA_D
ClientSampleId :
BU-02-022621

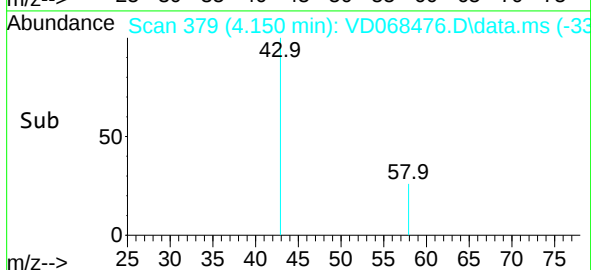
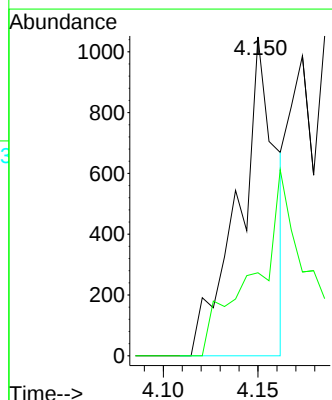
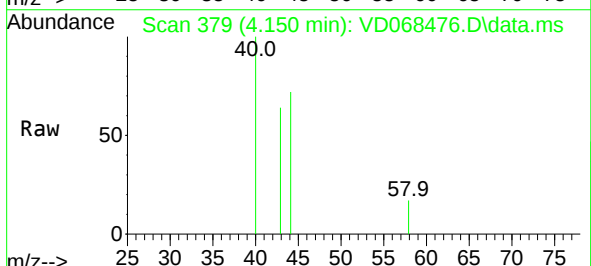


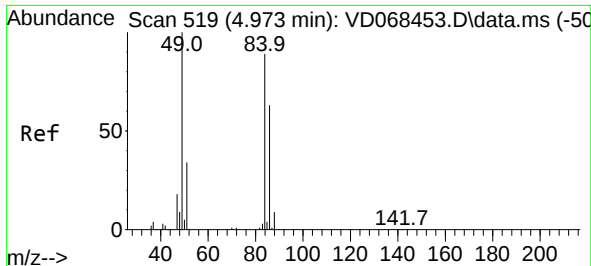
Tgt Ion: 59 Resp: 1254
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16
Acetone
Concen: 2.28 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.011 min
Lab File: VD068476.D
Acq: 01 Mar 2021 12:57

Tgt Ion: 43 Resp: 1430
Ion Ratio Lower Upper
43 100
58 26.0 24.2 36.4

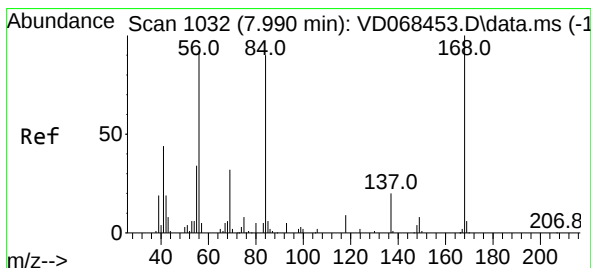
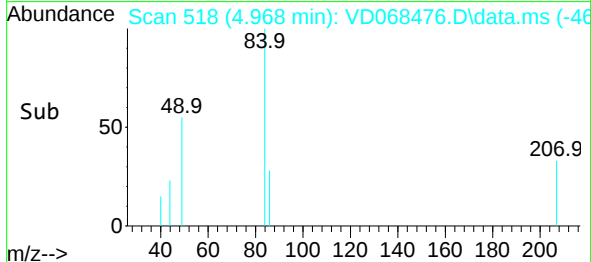
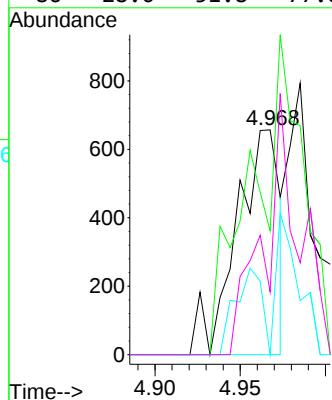
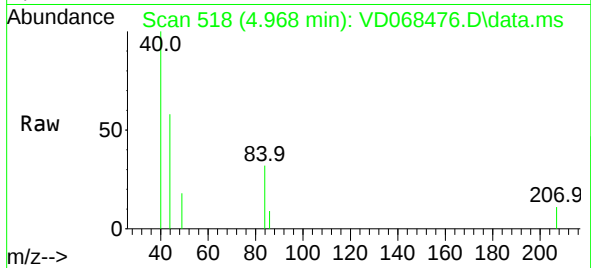




#20
Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 518
Delta R.T. -0.005 min
Lab File: VD068476.D
Acq: 01 Mar 2021 12:57

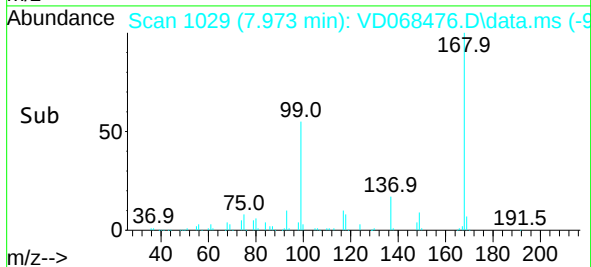
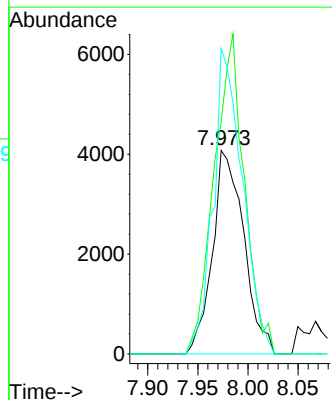
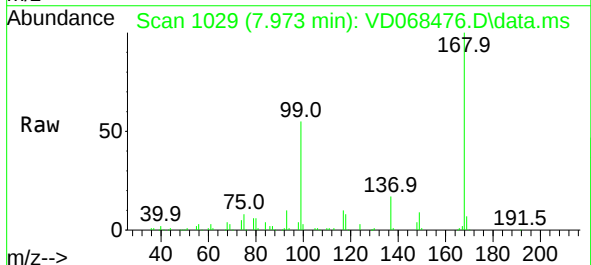
Instrument :
MSVOA_D
ClientSampleId :
BU-02-022621

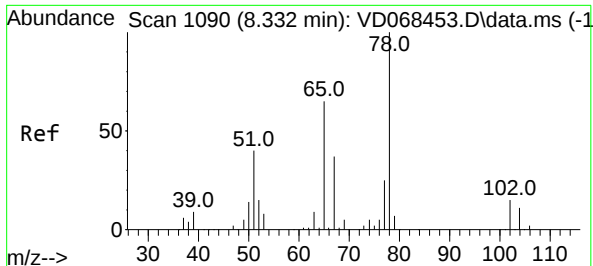
Tgt Ion:	84	Resp:	1163
Ion	Ratio	Lower	Upper
84	100		
49	55.1	77.4	116.2#
51	0.0	26.1	39.1#
86	28.0	51.8	77.8#



#31
Cyclohexane
Concen: 1.23 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.017 min
Lab File: VD068476.D
Acq: 01 Mar 2021 12:57

Tgt Ion:	56	Resp:	8847
Ion	Ratio	Lower	Upper
56	100		
69	113.9	30.1	45.1#
84	150.0	82.1	123.1#

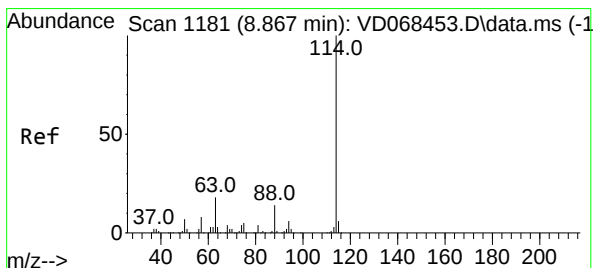
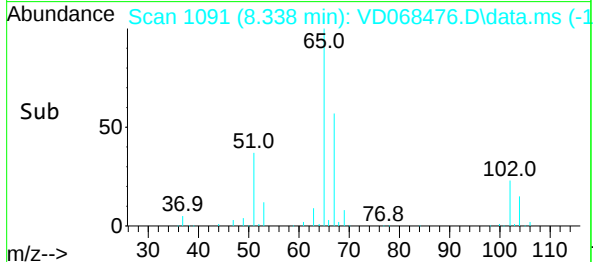
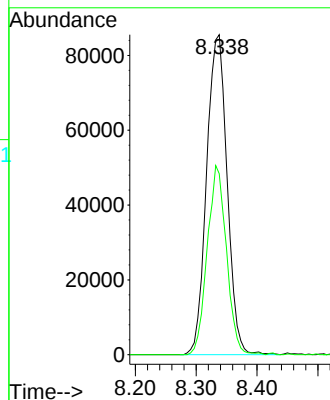
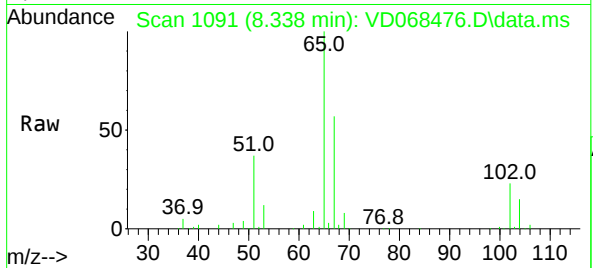




#33
1,2-Dichloroethane-d4
Concen: 50.82 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068476.D
Acq: 01 Mar 2021 12:57

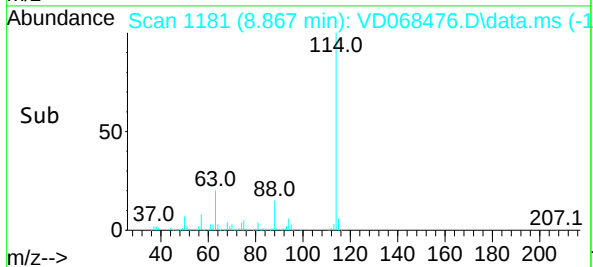
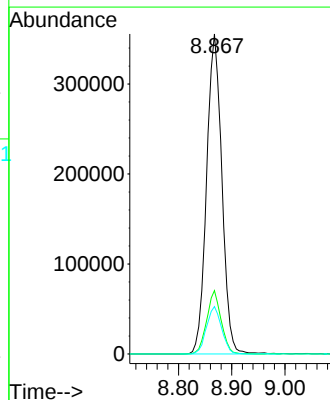
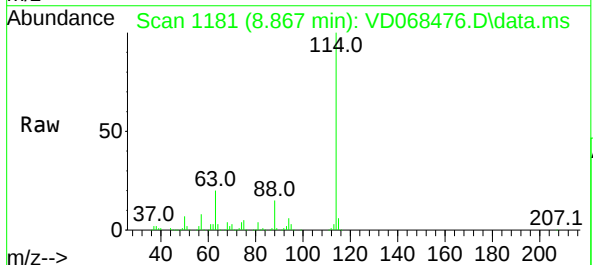
Instrument :
MSVOA_D
ClientSampleId :
BU-02-022621

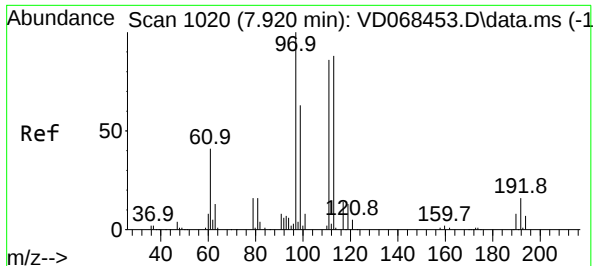
Tgt Ion: 65 Resp: 200392
Ion Ratio Lower Upper
65 100
67 55.2 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068476.D
Acq: 01 Mar 2021 12:57

Tgt Ion: 114 Resp: 707858
Ion Ratio Lower Upper
114 100
63 19.8 0.0 34.8
88 14.8 0.0 31.6





#35

Dibromofluoromethane

Concen: 50.39 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.005 min

Lab File: VD068476.D

Acq: 01 Mar 2021 12:57

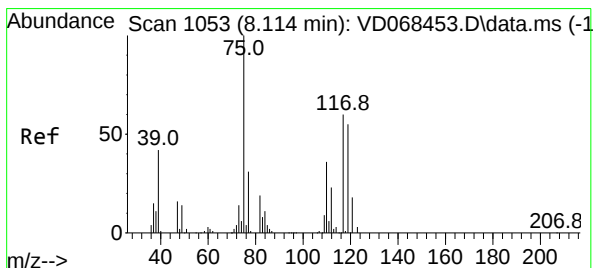
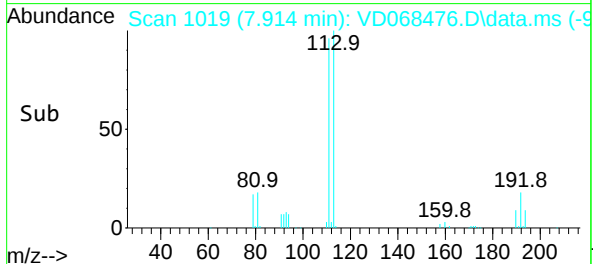
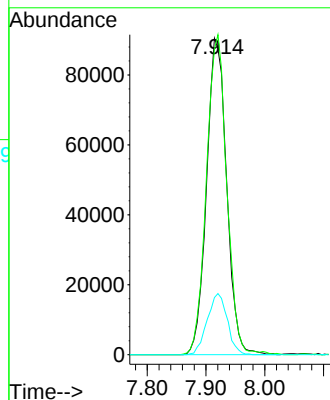
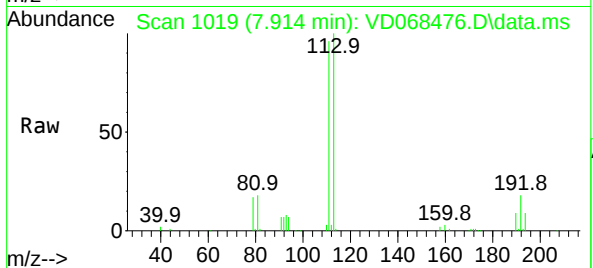
Tgt Ion:113 Resp: 214886

Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

192 19.3 16.1 24.1



#36

1,1-Dichloropropene

Concen: 4.33 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.129 min

Lab File: VD068476.D

Acq: 01 Mar 2021 12:57

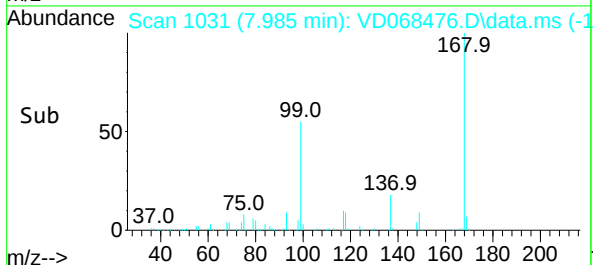
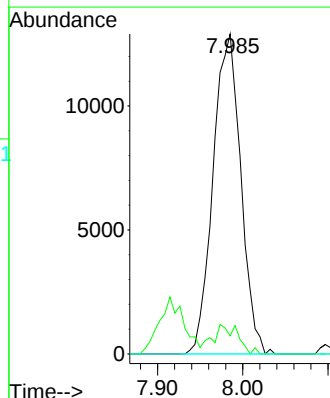
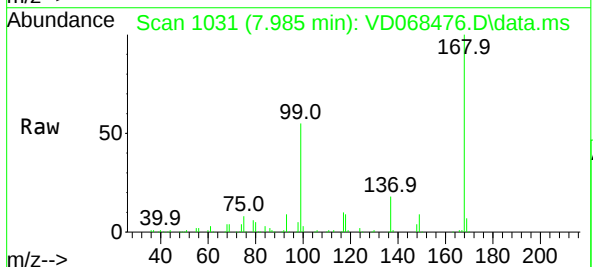
Tgt Ion: 75 Resp: 29168

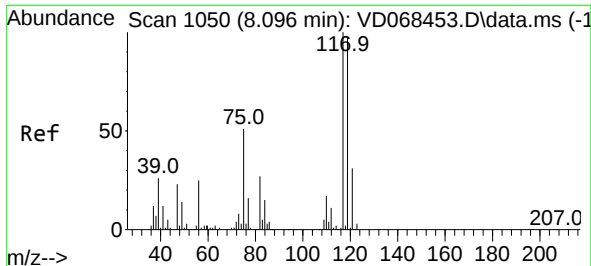
Ion Ratio Lower Upper

75 100

110 8.4 19.4 58.2#

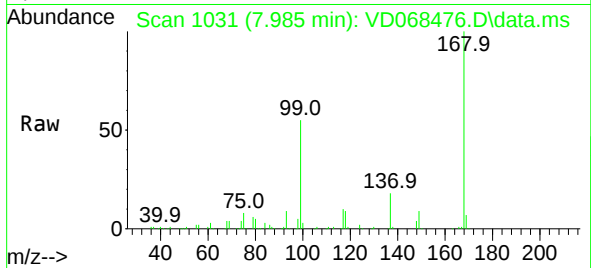
77 0.0 25.3 37.9#



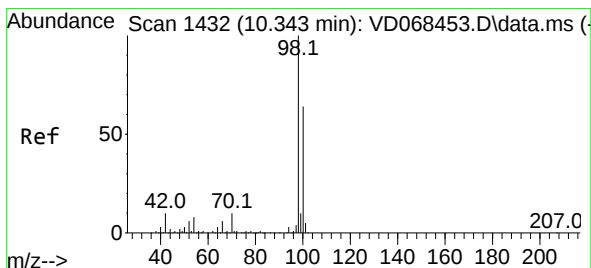
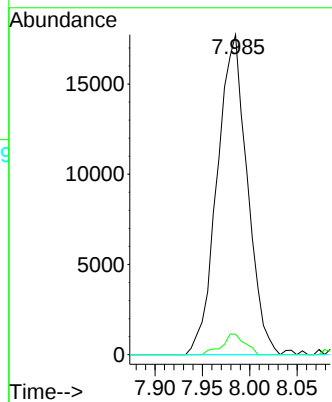
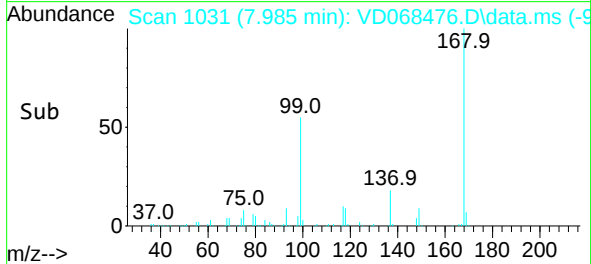


#38
Carbon Tetrachloride
Concen: 6.20 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.111 min
Lab File: VD068476.D
Acq: 01 Mar 2021 12:57

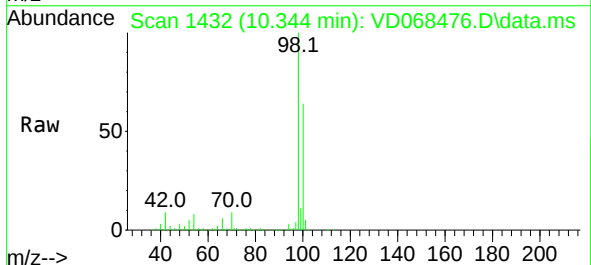
Instrument :
MSVOA_D
ClientSampleId :
BU-02-022621



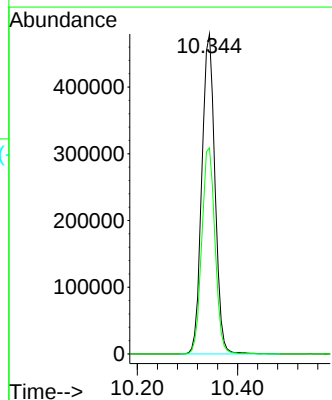
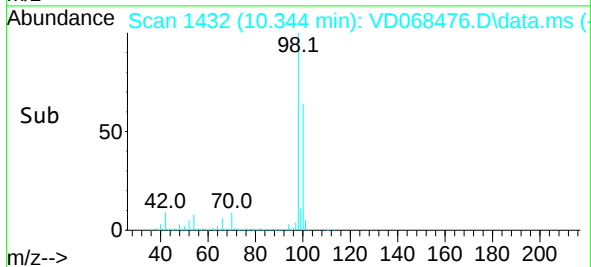
Tgt Ion:117 Resp: 39223
Ion Ratio Lower Upper
117 100
119 6.4 77.3 115.9#
121 0.0 24.7 37.1#

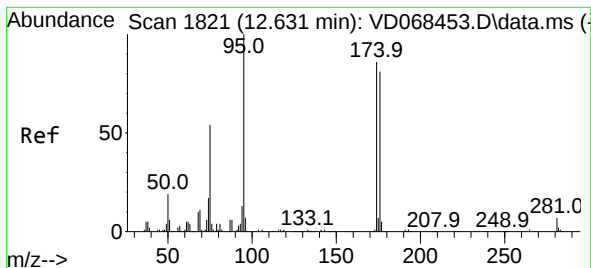


#50
Toluene-d8
Concen: 51.32 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068476.D
Acq: 01 Mar 2021 12:57



Tgt Ion: 98 Resp: 871716
Ion Ratio Lower Upper
98 100
100 65.1 53.0 79.4

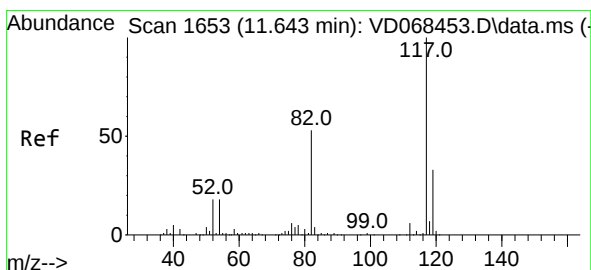
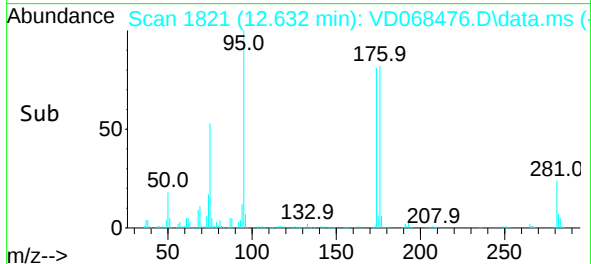
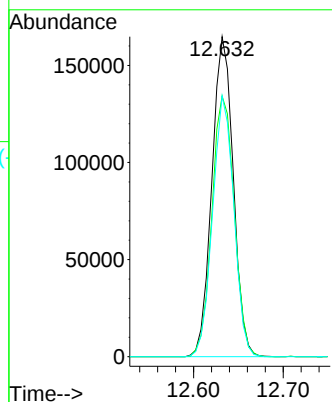
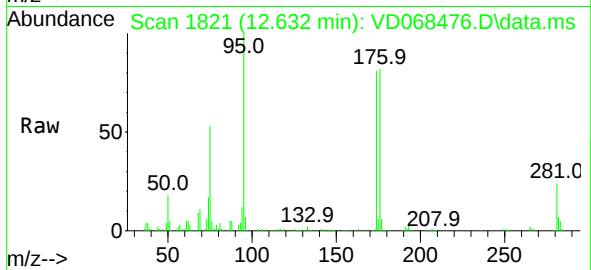




#62
4-Bromofluorobenzene
Concen: 49.80 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068476.D
Acq: 01 Mar 2021 12:57

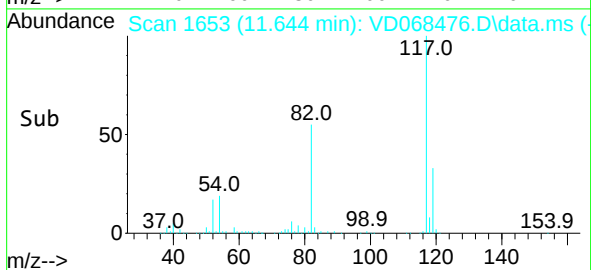
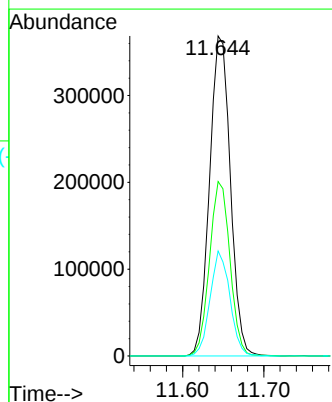
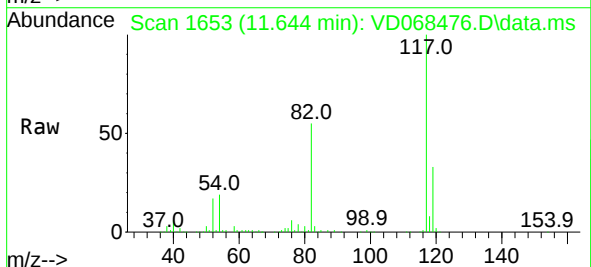
Instrument :
MSVOA_D
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BU-02-022621

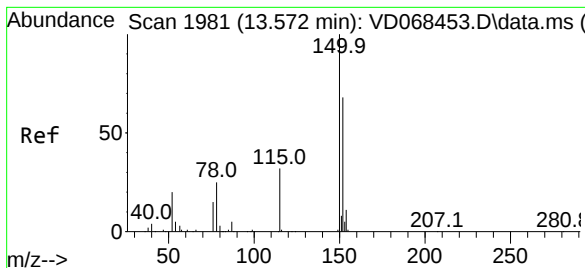
Tgt Ion: 95 Resp: 272572
Ion Ratio Lower Upper
95 100
174 85.0 0.0 172.4
176 81.0 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068476.D
Acq: 01 Mar 2021 12:57

Tgt Ion: 117 Resp: 656546
Ion Ratio Lower Upper
117 100
82 54.5 41.4 62.0
119 32.8 26.1 39.1

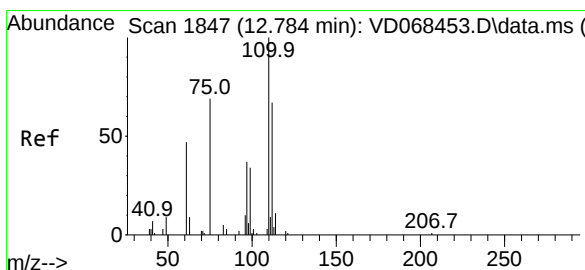
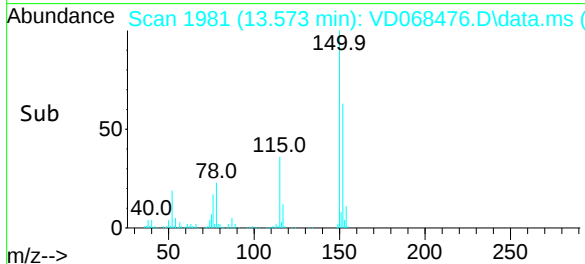
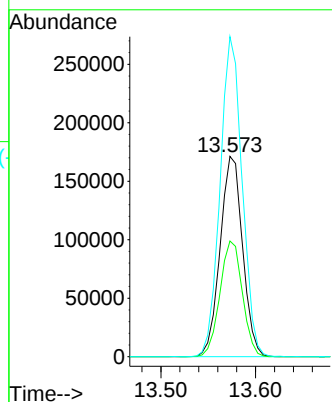
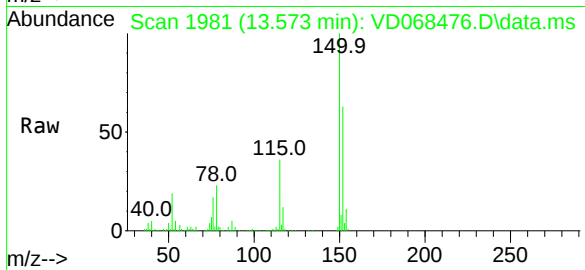




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068476.D
Acq: 01 Mar 2021 12:57

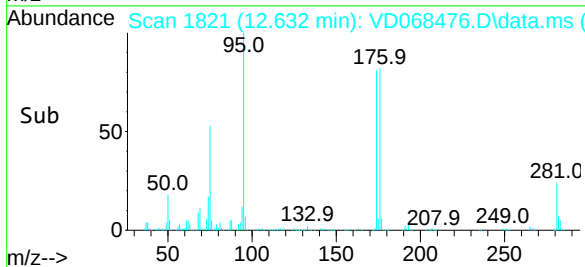
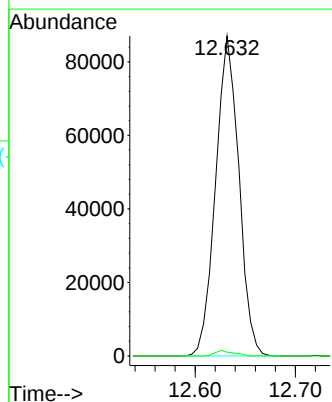
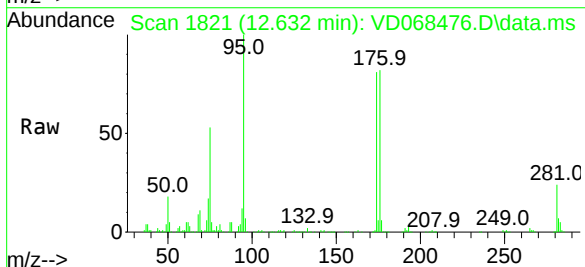
Instrument :
MSVOA_D
ClientSampleId :
BU-02-022621

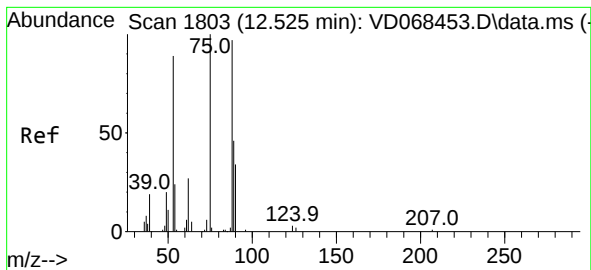
Tgt Ion:152 Resp: 282998
Ion Ratio Lower Upper
152 100
115 57.5 28.9 86.8
150 156.4 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 55.80 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.152 min
Lab File: VD068476.D
Acq: 01 Mar 2021 12:57

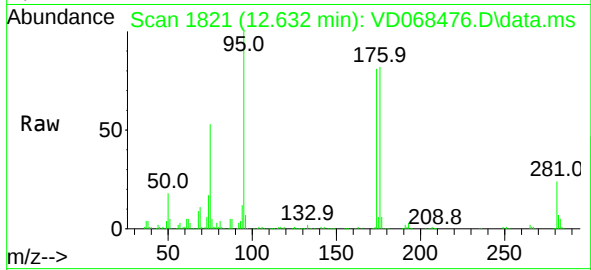
Tgt Ion: 75 Resp: 140196
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 130.22 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068476.D
 Acq: 01 Mar 2021 12:57

Instrument :
 MSVOA_D
 ClientSampleId :
 BU-02-022621



Tgt Ion: 75 Resp: 140196
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.1 40.3 60.5#

