

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033121\
 Data File : VD068738.D
 Acq On : 31 Mar 2021 15:13
 Operator : VA/SY
 Sample : M1874-05
 Misc : 5.88G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 01 00:44:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 20 02:00:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	331295	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	602973	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	620049	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	299521	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	172943	51.77	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.54%
35) Dibromofluoromethane	7.914	113	188822	50.33	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.66%
50) Toluene-d8	10.338	98	760904	52.61	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.22%
62) 4-Bromofluorobenzene	12.632	95	282469	60.23	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	120.46%

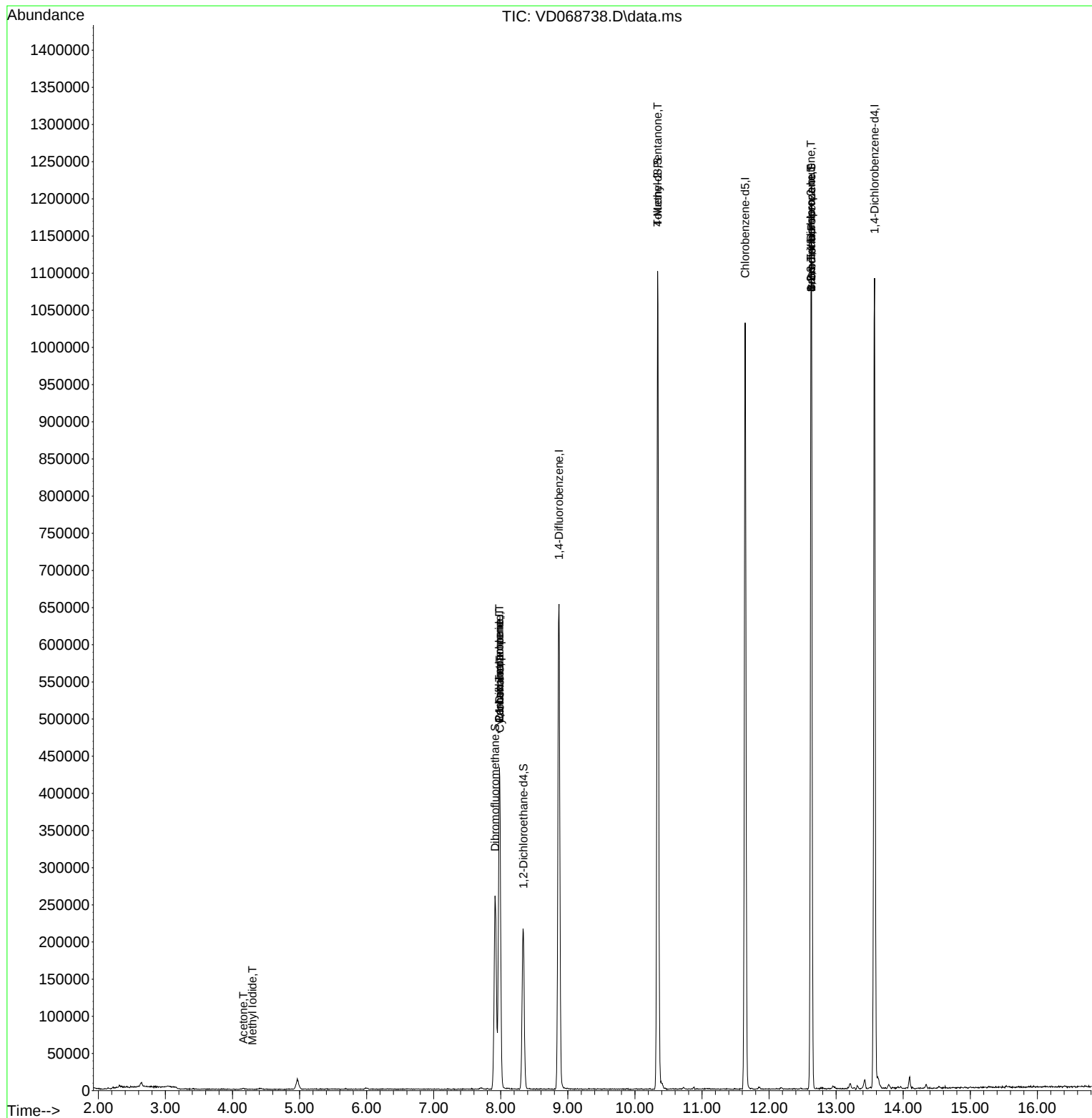
Target Compounds						Qvalue
10) Methyl Iodide	4.297	142	64	3.49	ug/l #	41
16) Acetone	4.161	43	2734	6.75	ug/l #	81
20) Methylene Chloride	4.967	84	10324	Below Cal		90
31) Cyclohexane	7.985	56	7259	1.35	ug/l #	54
36) 1,1-Dichloropropene	7.979	75	24871	4.62	ug/l #	49
38) Carbon Tetrachloride	7.979	117	33623	6.26	ug/l #	16
51) 4-Methyl-2-Pentanone	10.338	43	2877	1.70	ug/l #	1
71) Bromoform	12.632	173	2711	1.17	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	142287	57.08	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	142287	129.85	ug/l #	16

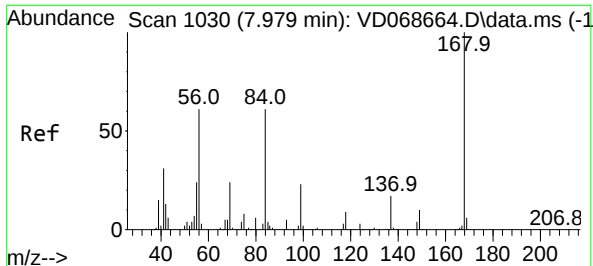
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033121\
Data File : VD068738.D
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Quant Time: Apr 01 00:44:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 20 02:00:55 2021
Response via : Initial Calibration

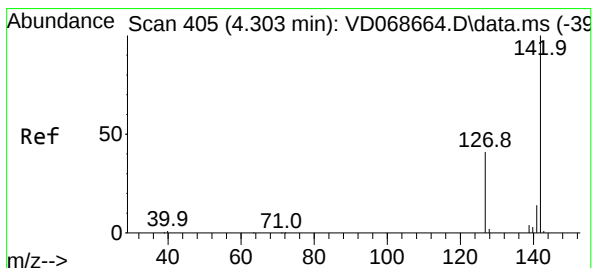
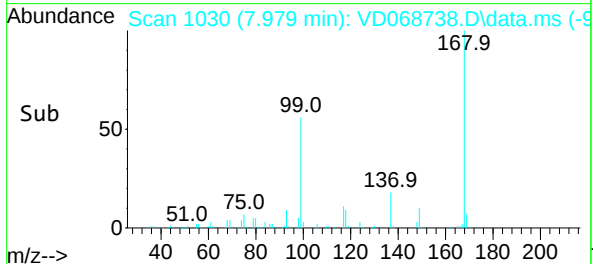
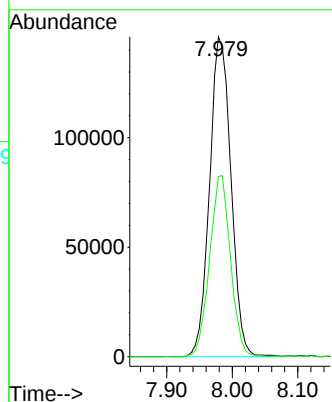
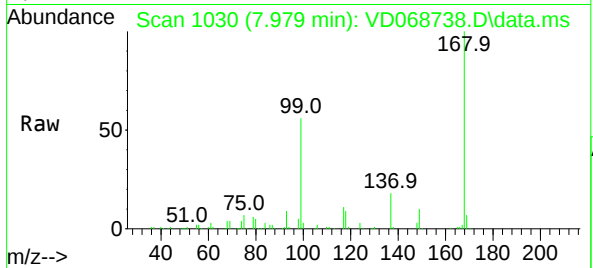




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068738.D
Acq: 31 Mar 2021 15:13

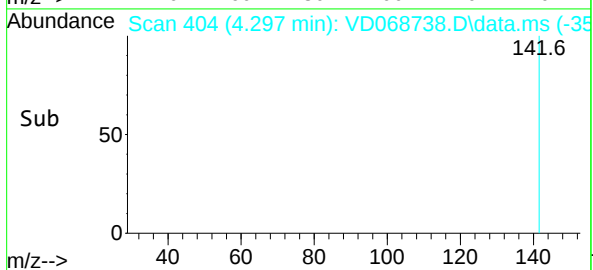
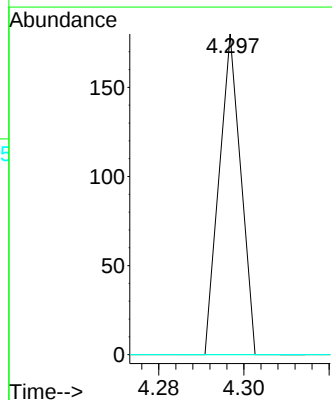
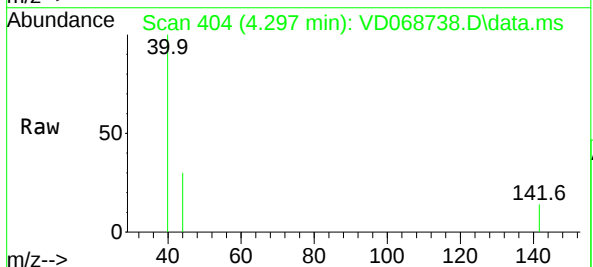
Instrument :
MSVOA_D
ClientSampled :

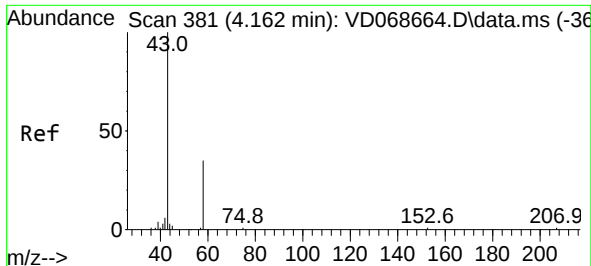
Tgt Ion:168 Resp: 331295
Ion Ratio Lower Upper
168 100
99 56.3 46.2 69.2



#10
Methyl Iodide
Concen: 3.49 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD068738.D
Acq: 31 Mar 2021 15:13

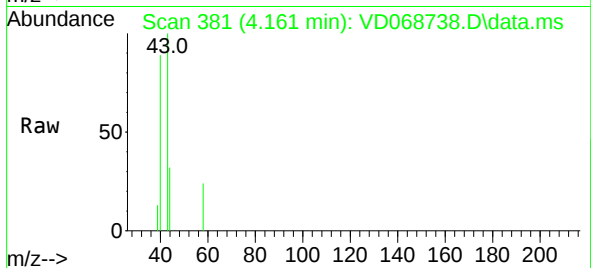
Tgt Ion:142 Resp: 64
Ion Ratio Lower Upper
142 100
127 0.0 34.7 52.1#
141 0.0 11.0 16.4#



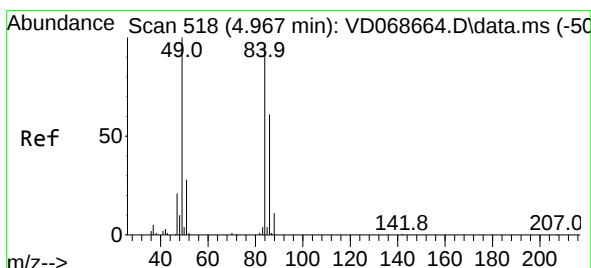
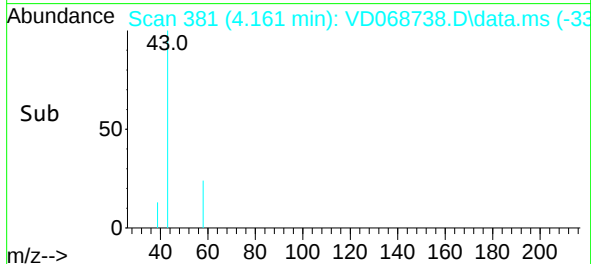
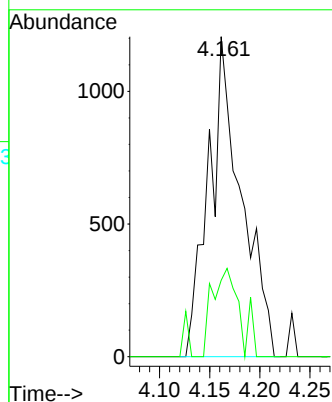


#16
Acetone
Concen: 6.75 ug/l
RT: 4.161 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD068738.D
Acq: 31 Mar 2021 15:13

Instrument :
MSVOA_D
ClientSampled :

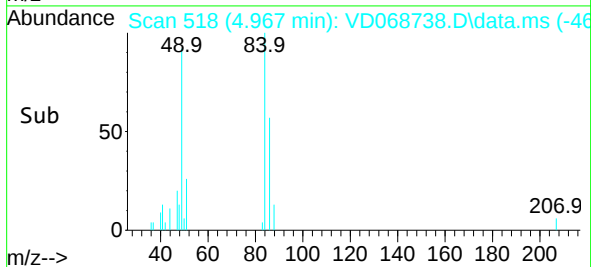
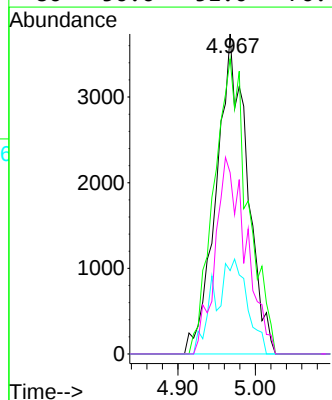
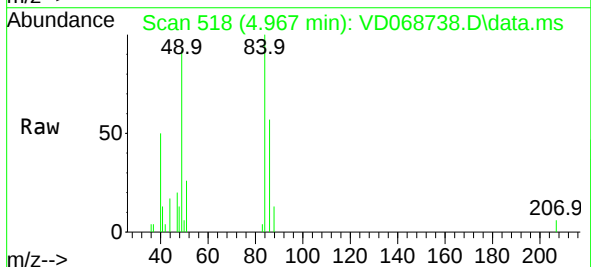


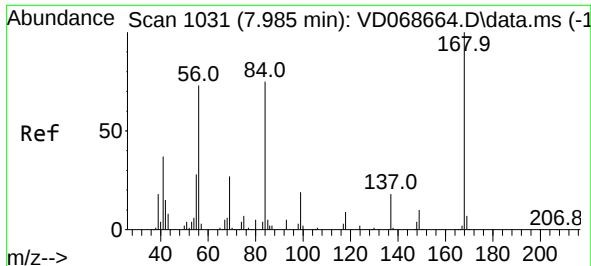
Tgt Ion: 43 Resp: 2734
Ion Ratio Lower Upper
43 100
58 23.9 28.0 42.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD068738.D
Acq: 31 Mar 2021 15:13

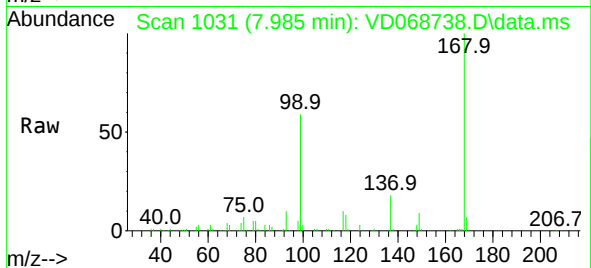
Tgt Ion: 84 Resp: 10324
Ion Ratio Lower Upper
84 100
49 92.2 83.4 125.0
51 26.1 23.4 35.2
86 56.6 51.0 76.4



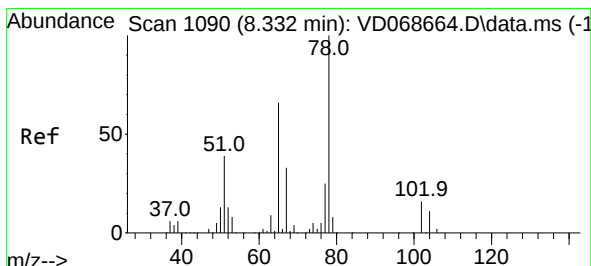
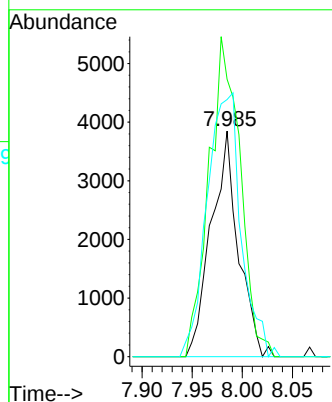
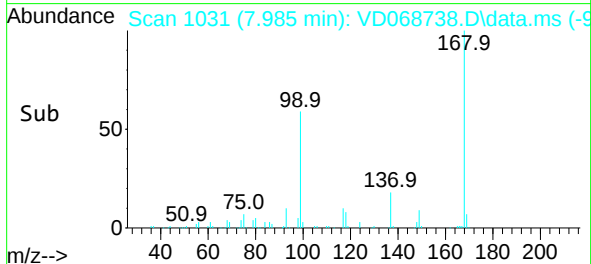


#31
Cyclohexane
Concen: 1.35 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068738.D
Acq: 31 Mar 2021 15:13

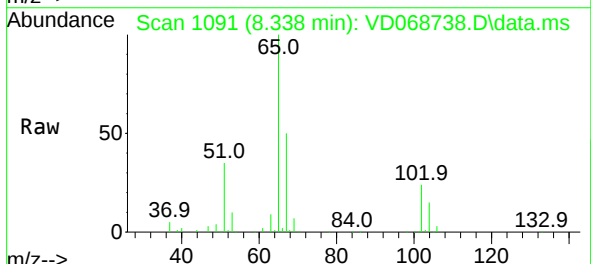
Instrument :
MSVOA_D
ClientSampled :



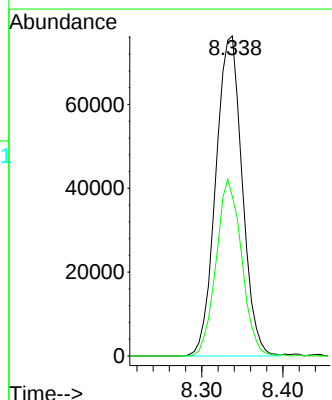
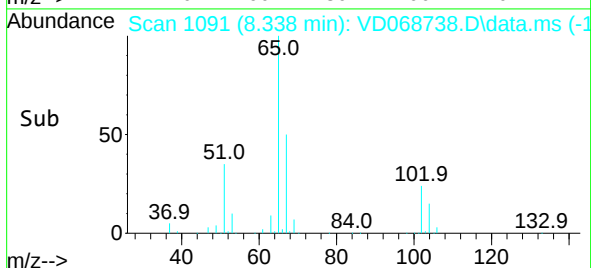
Tgt Ion: 56 Resp: 7259
Ion Ratio Lower Upper
56 100
69 122.9 30.0 45.0#
84 113.9 82.0 123.0

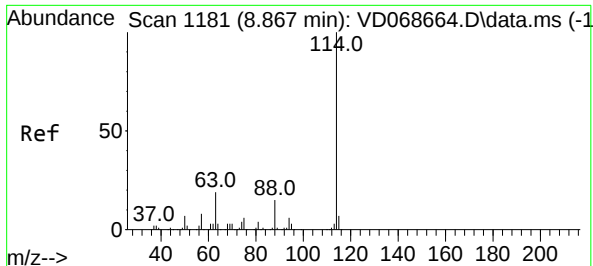


#33
1,2-Dichloroethane-d4
Concen: 51.77 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068738.D
Acq: 31 Mar 2021 15:13



Tgt Ion: 65 Resp: 172943
Ion Ratio Lower Upper
65 100
67 53.1 0.0 106.0



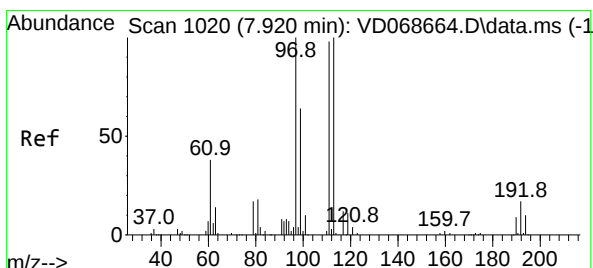
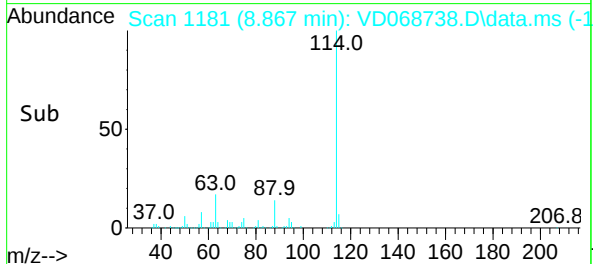
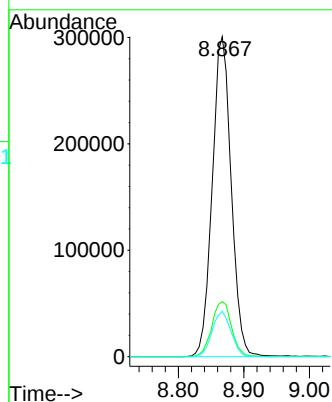
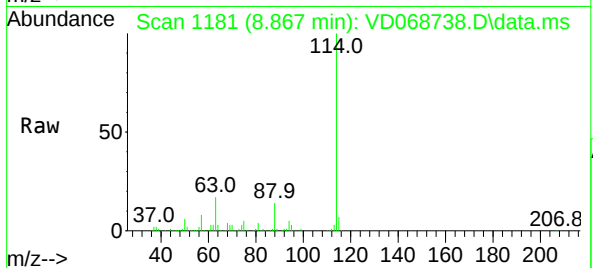


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068738.D
Acq: 31 Mar 2021 15:13

Instrument :
MSVOA_D
ClientSampleId :

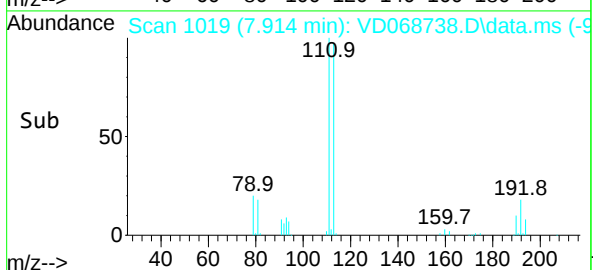
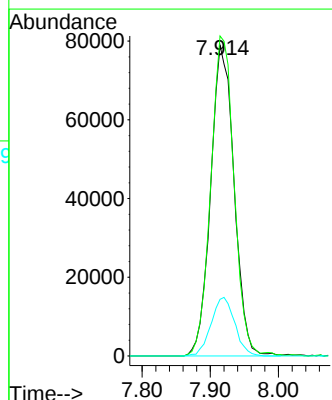
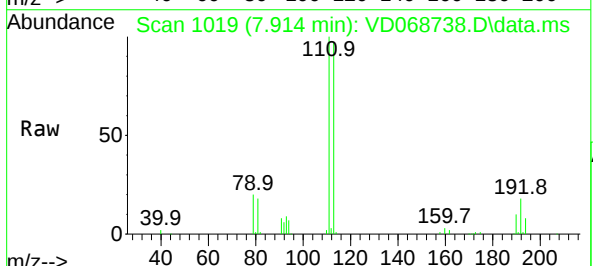
Tgt Ion:114 Resp: 602973
Ion Ratio Lower Upper
114 100
63 17.2 0.0 38.2
88 14.1 0.0 29.4

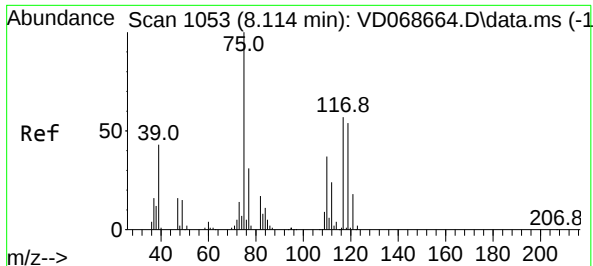


#35

Dibromofluoromethane
Concen: 50.33 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068738.D
Acq: 31 Mar 2021 15:13

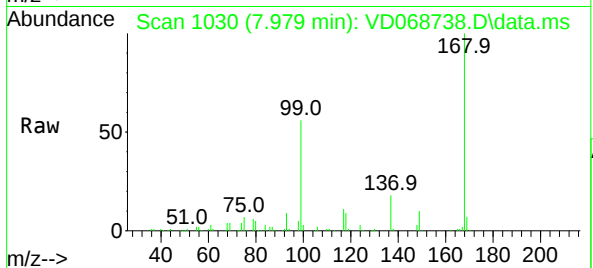
Tgt Ion:113 Resp: 188822
Ion Ratio Lower Upper
113 100
111 102.3 82.5 123.7
192 19.1 15.1 22.7



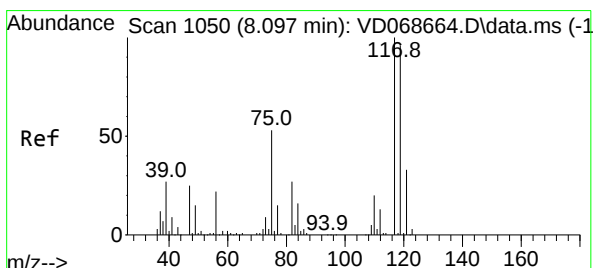
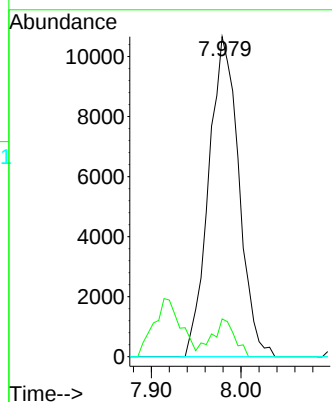
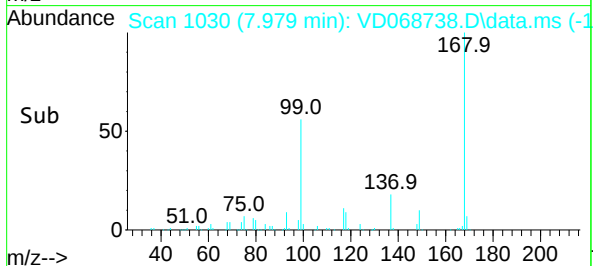


#36
1,1-Dichloropropene
Concen: 4.62 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068738.D
Acq: 31 Mar 2021 15:13

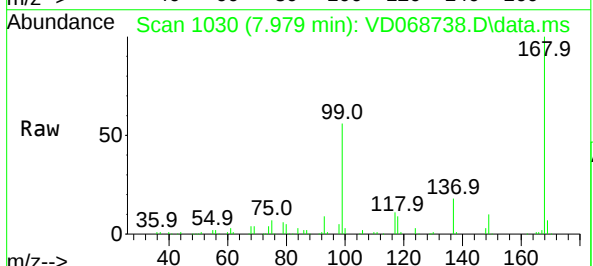
Instrument :
MSVOA_D
ClientSampled :



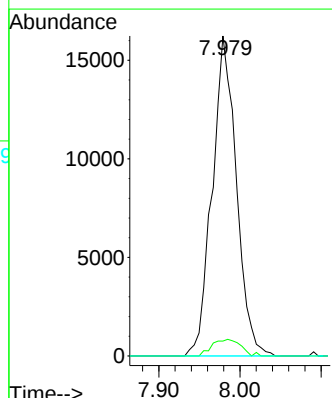
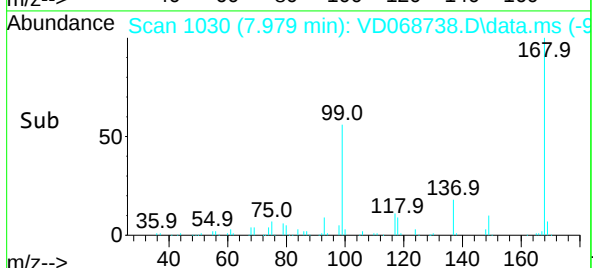
Tgt Ion: 75 Resp: 24871
Ion Ratio Lower Upper
75 100
110 8.9 18.1 54.4#
77 0.0 24.7 37.1#

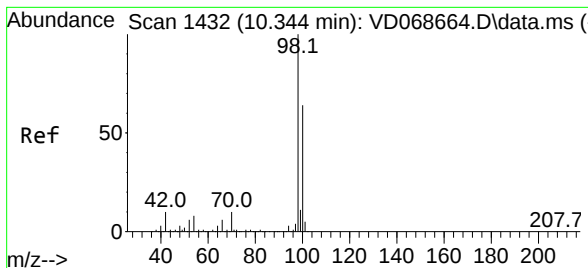


#38
Carbon Tetrachloride
Concen: 6.26 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068738.D
Acq: 31 Mar 2021 15:13



Tgt Ion: 117 Resp: 33623
Ion Ratio Lower Upper
117 100
119 4.7 76.6 115.0#
121 0.0 26.1 39.1#

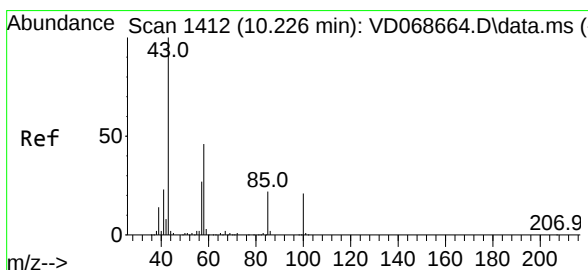
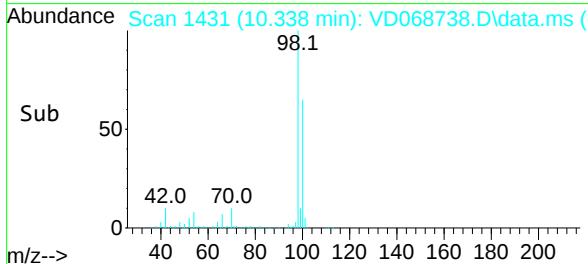
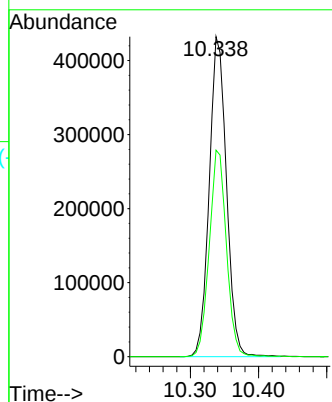
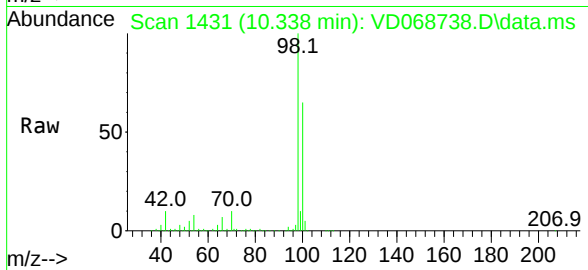




#50
Toluene-d8
Concen: 52.61 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068738.D
Acq: 31 Mar 2021 15:13

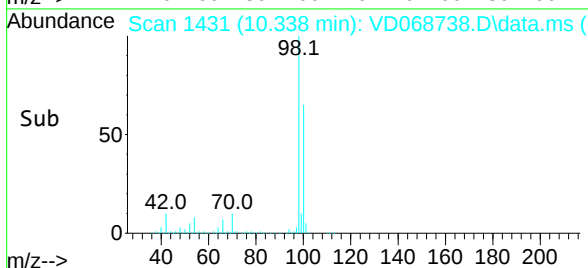
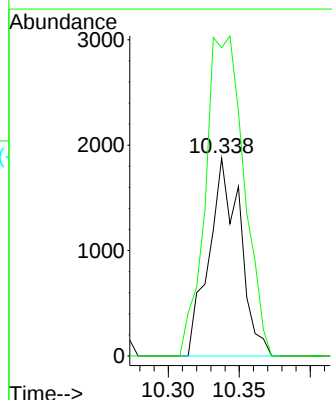
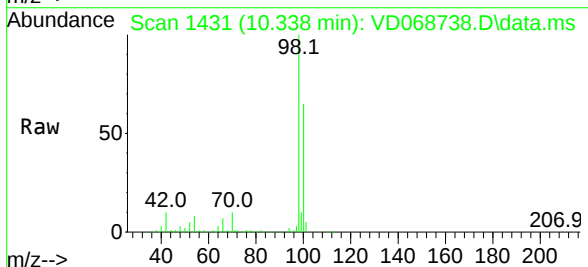
Instrument :
MSVOA_D
ClientSampled :

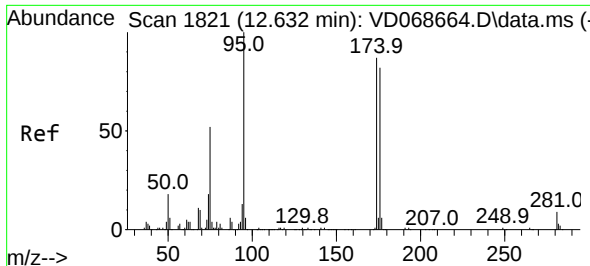
Tgt Ion: 98 Resp: 760904
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.70 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.112 min
Lab File: VD068738.D
Acq: 31 Mar 2021 15:13

Tgt Ion: 43 Resp: 2877
Ion Ratio Lower Upper
43 100
58 199.4 37.3 55.9#

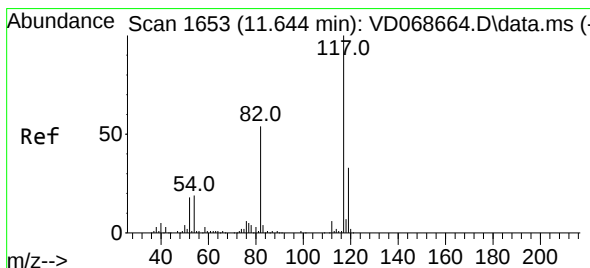
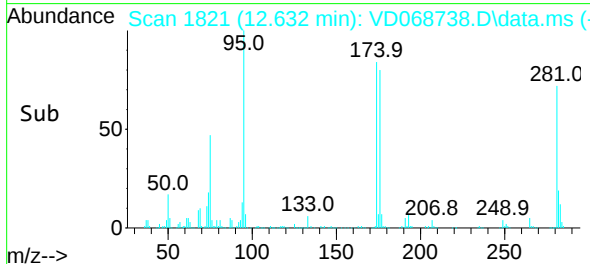
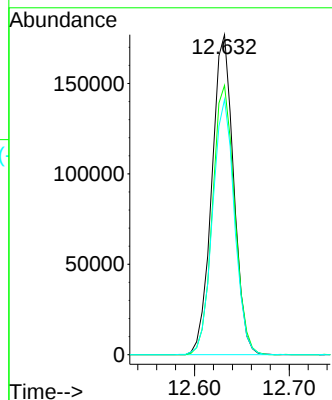
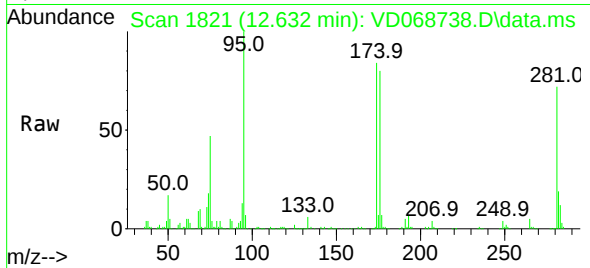




#62
4-Bromofluorobenzene
Concen: 60.23 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068738.D
Acq: 31 Mar 2021 15:13

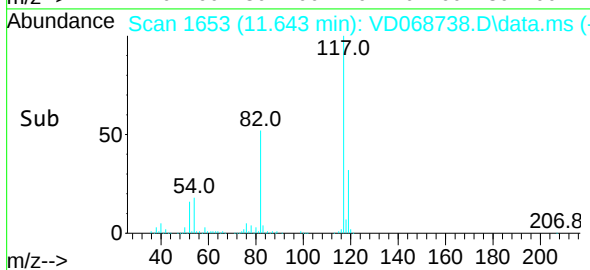
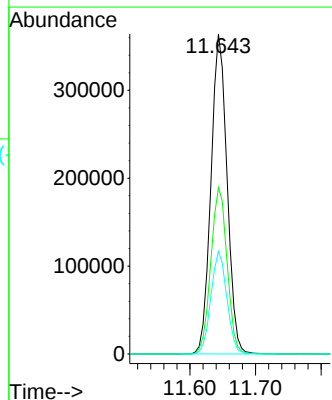
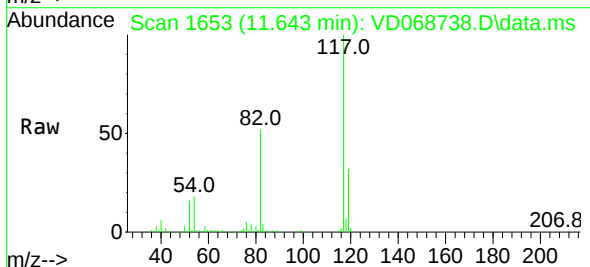
Instrument :
MSVOA_D
ClientSampleId :

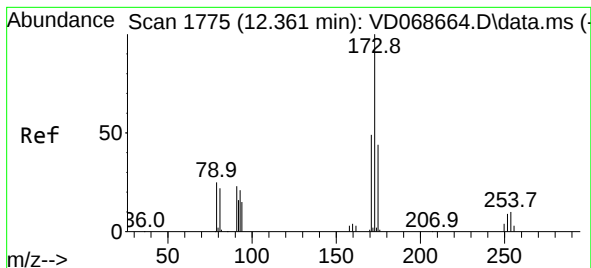
Tgt Ion: 95 Resp: 282469
Ion Ratio Lower Upper
95 100
174 85.2 0.0 168.0
176 80.1 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD068738.D
Acq: 31 Mar 2021 15:13

Tgt Ion:117 Resp: 620049
Ion Ratio Lower Upper
117 100
82 52.0 43.5 65.3
119 32.1 26.7 40.1





#71

Bromoform

Concen: 1.17 ug/l

RT: 12.632 min Scan# 1821

Delta R.T. 0.270 min

Lab File: VD068738.D

Acq: 31 Mar 2021 15:13

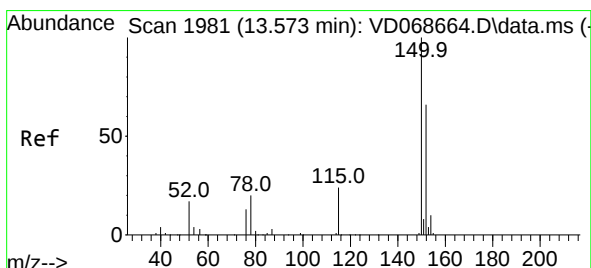
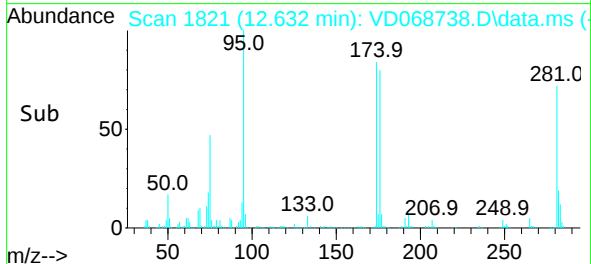
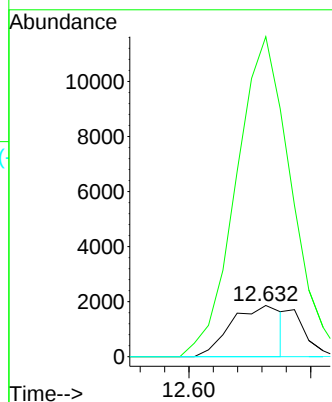
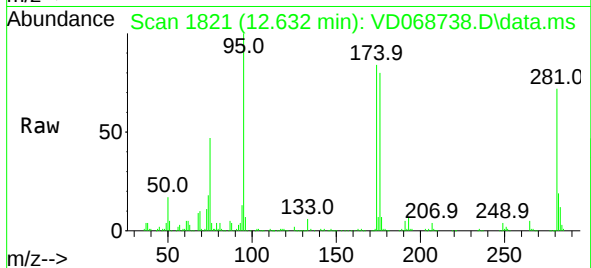
Tgt Ion:173 Resp: 2711

Ion Ratio Lower Upper

173 100

175 549.9 23.6 71.0#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.573 min Scan# 1981

Delta R.T. -0.000 min

Lab File: VD068738.D

Acq: 31 Mar 2021 15:13

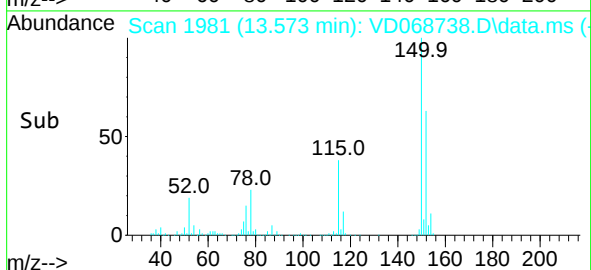
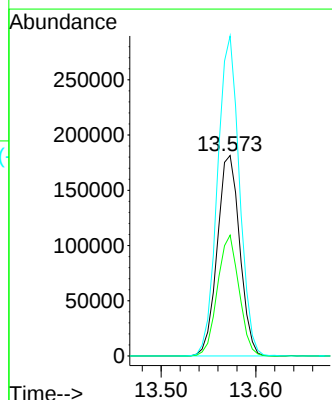
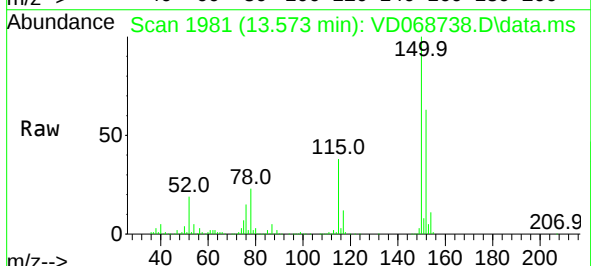
Tgt Ion:152 Resp: 299521

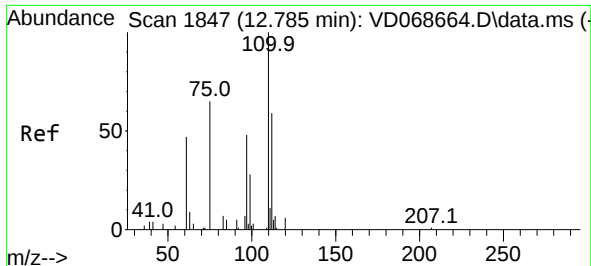
Ion Ratio Lower Upper

152 100

115 57.8 29.3 87.8

150 155.6 0.0 347.6

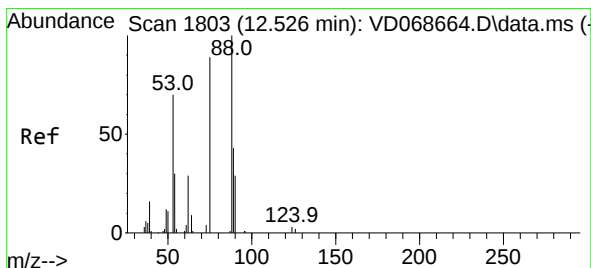
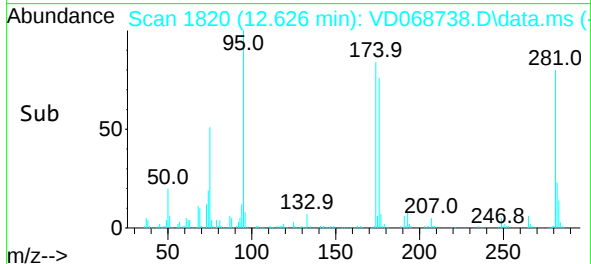
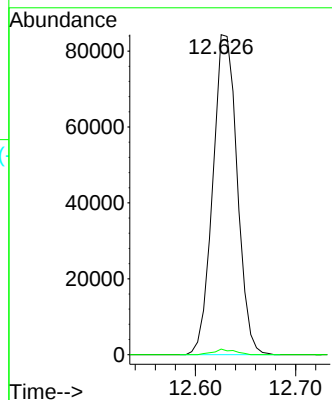
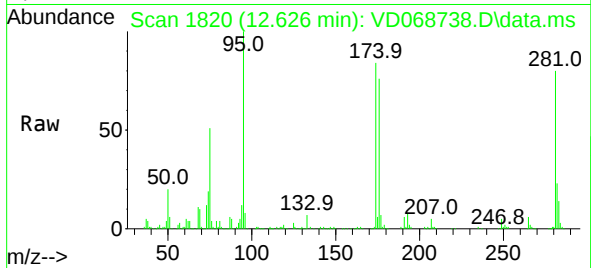




#76
1,2,3-Trichloropropane
Concen: 57.08 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.159 min
Lab File: VD068738.D
Acq: 31 Mar 2021 15:13

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75 Resp: 142287
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 129.85 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD068738.D
Acq: 31 Mar 2021 15:13

Tgt Ion: 75 Resp: 142287
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.7 36.6 54.8#

