

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042321\
 Data File : VD068966.D
 Acq On : 23 Apr 2021 14:36
 Operator : VA/SY
 Sample : M2107-20
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 26 07:55:41 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)

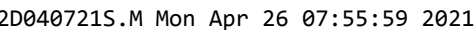
Internal Standards						
1) Pentafluorobenzene	7.979	168	356947	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	605906	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	729972	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	394460	50.00	ug/l	0.00

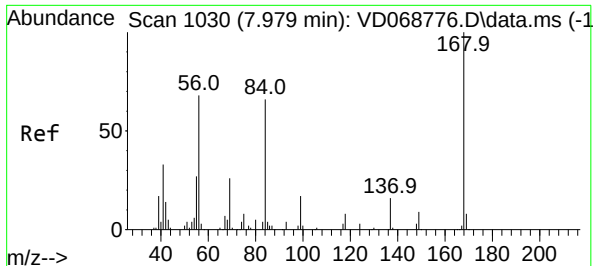
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	141238	37.44	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	74.88%
35) Dibromofluoromethane	7.914	113	176140	44.69	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.38%
50) Toluene-d8	10.338	98	792823	53.33	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.66%
62) 4-Bromofluorobenzene	12.632	95	347881	70.45	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	140.90%

Target Compounds					Qvalue
10) Methyl Iodide	4.303	142	191	2.29 ug/l	# 41
11) Tert butyl alcohol	5.185	59	664	Below Cal	# 73
20) Methylene Chloride	4.973	84	9430	Below Cal	# 92
31) Cyclohexane	7.985	56	7655	1.22 ug/l	# 17
36) 1,1-Dichloropropene	7.985	75	25731	4.20 ug/l	# 45
38) Carbon Tetrachloride	7.979	117	34525	5.69 ug/l	# 18
58) 2-Chloroethyl Vinyl ether	9.867	63	59	17.02 ug/l	# 1
75) 1,1,2,2-Tetrachloroethane	12.773	83	73976	13.74 ug/l	# 26
76) 1,2,3-Trichloropropane	12.626	75	172381	47.84 ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.626	75	172381	111.01 ug/l	# 16

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

Quant Time: Apr 26 07:55:41 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

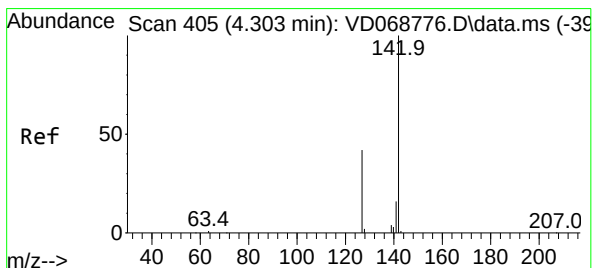
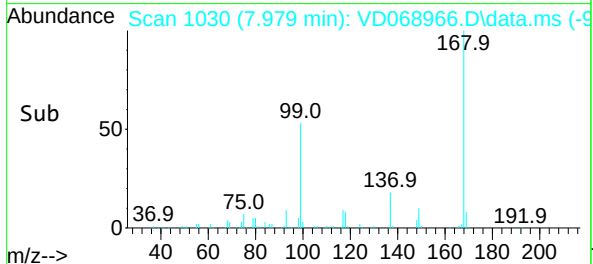
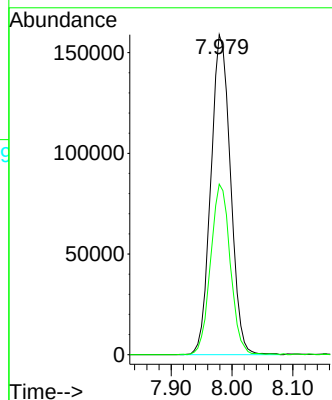
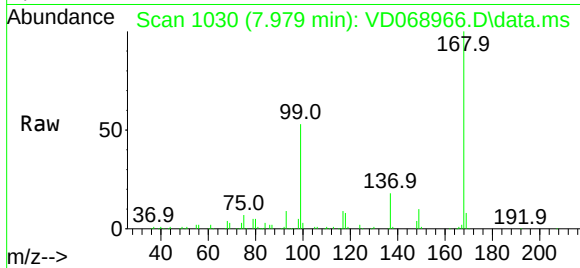




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068966.D
Acq: 23 Apr 2021 14:36

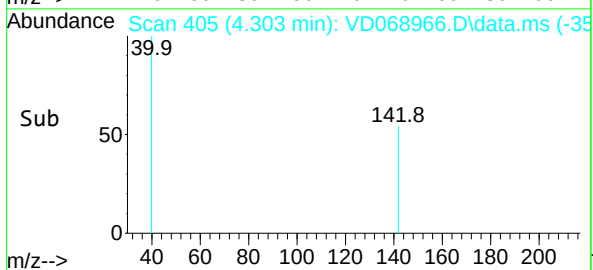
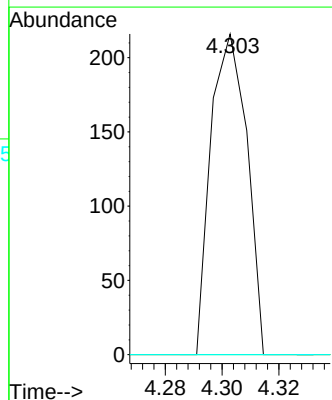
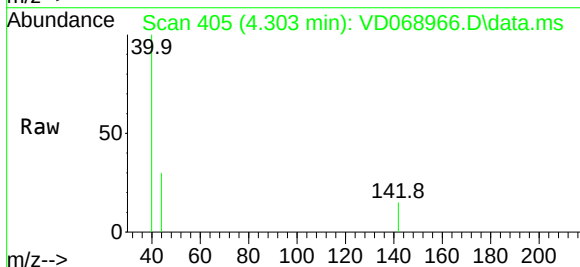
Instrument :
MSVOA_D
ClientSampleId :

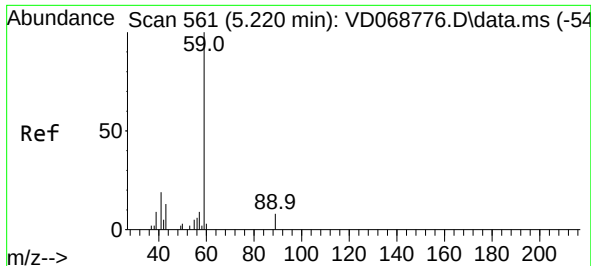
Tgt Ion:168 Resp: 356947
Ion Ratio Lower Upper
168 100
99 53.2 46.2 69.2



#10
Methyl Iodide
Concen: 2.29 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD068966.D
Acq: 23 Apr 2021 14:36

Tgt Ion:142 Resp: 191
Ion Ratio Lower Upper
142 100
127 0.0 34.7 52.1#
141 0.0 11.0 16.4#

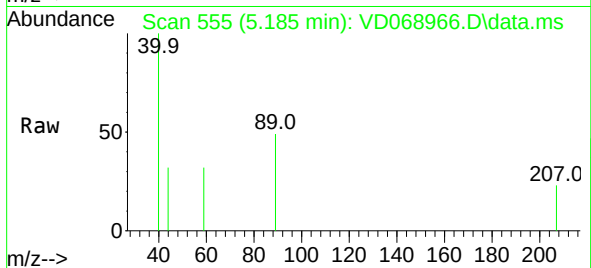




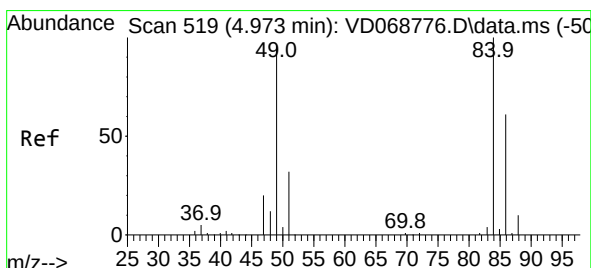
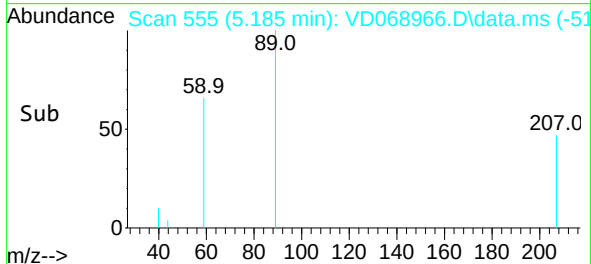
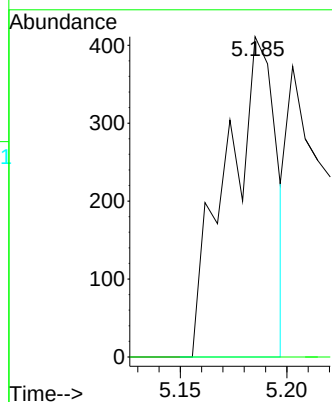
#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.185 min Scan# 555
Delta R.T. -0.035 min
Lab File: VD068966.D
Acq: 23 Apr 2021 14:36

Instrument :
MSVOA_D
ClientSampled :



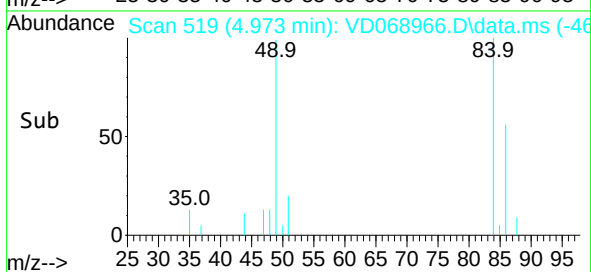
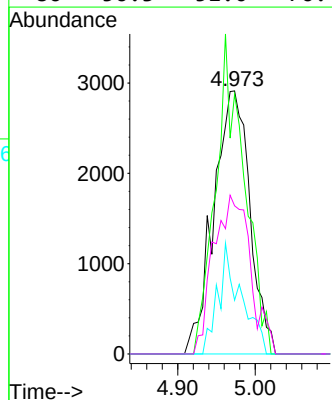
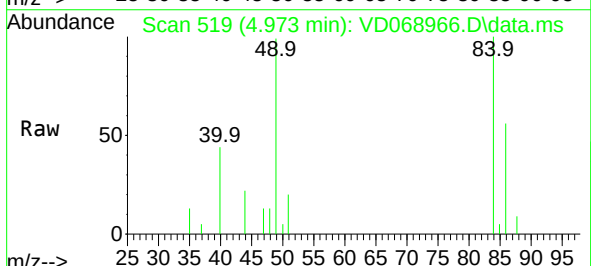
Tgt Ion: 59 Resp: 664
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

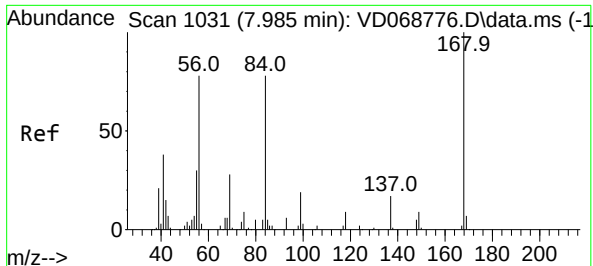


#20

Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068966.D
Acq: 23 Apr 2021 14:36

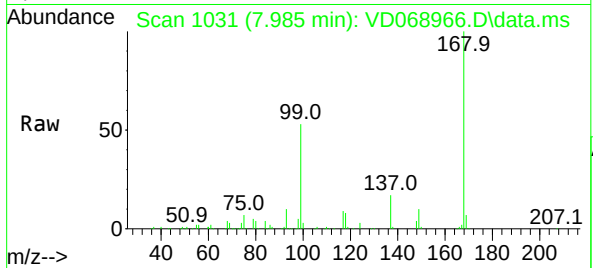
Tgt Ion: 84 Resp: 9430
Ion Ratio Lower Upper
84 100
49 98.8 83.4 125.0
51 20.4 23.4 35.2#
86 56.3 51.0 76.4



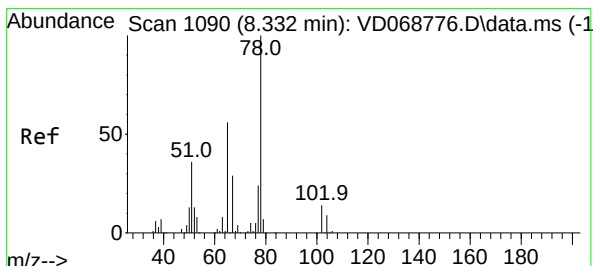
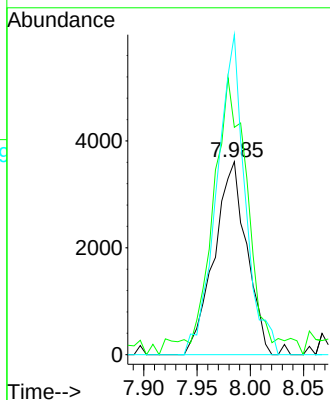
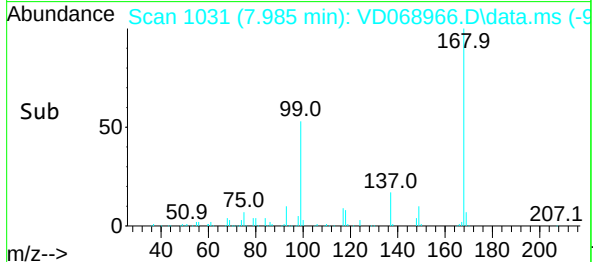


#31
Cyclohexane
Concen: 1.22 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068966.D
Acq: 23 Apr 2021 14:36

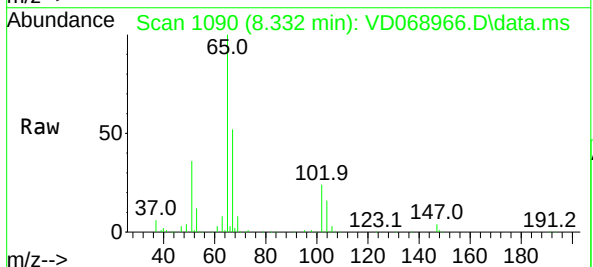
Instrument :
MSVOA_D
ClientSampleId :



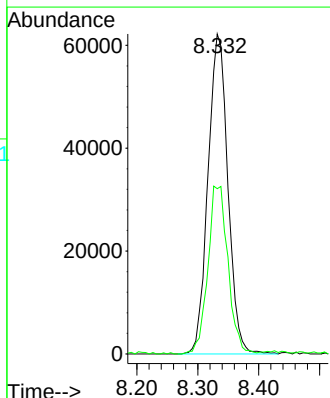
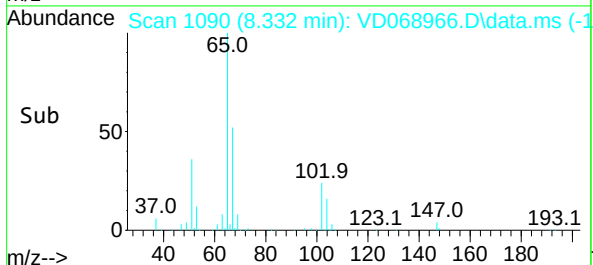
Tgt Ion: 56 Resp: 7655
Ion Ratio Lower Upper
56 100
69 111.1 30.0 45.0#
84 171.9 82.0 123.0#

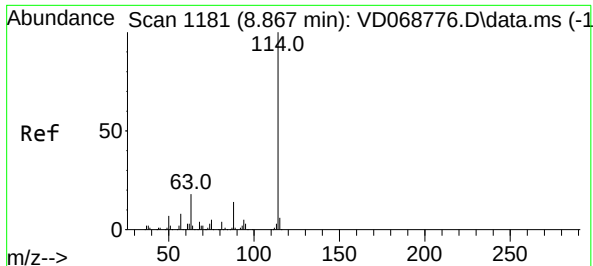


#33
1,2-Dichloroethane-d4
Concen: 37.44 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068966.D
Acq: 23 Apr 2021 14:36



Tgt Ion: 65 Resp: 141238
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: VD068966.D

Acq: 23 Apr 2021 14:36

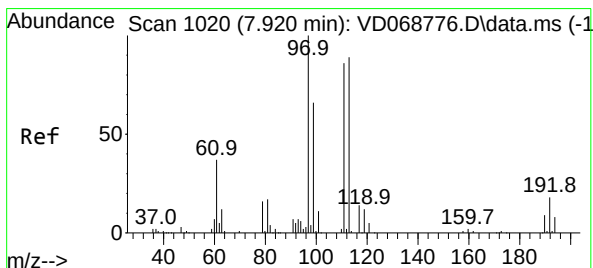
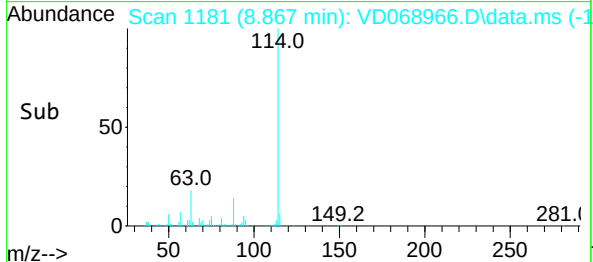
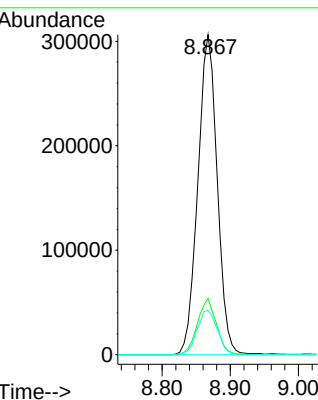
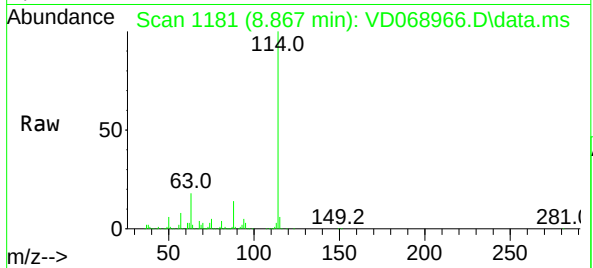
Tgt Ion:114 Resp: 605906

Ion Ratio Lower Upper

114 100

63 17.6 0.0 38.2

88 13.8 0.0 29.4



#35

Dibromofluoromethane

Concen: 44.69 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068966.D

Acq: 23 Apr 2021 14:36

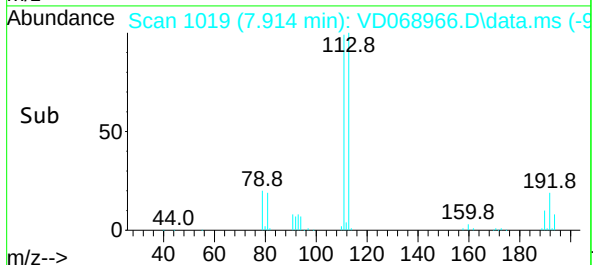
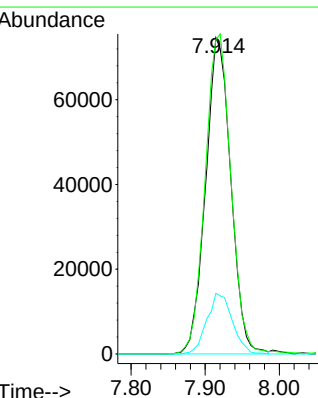
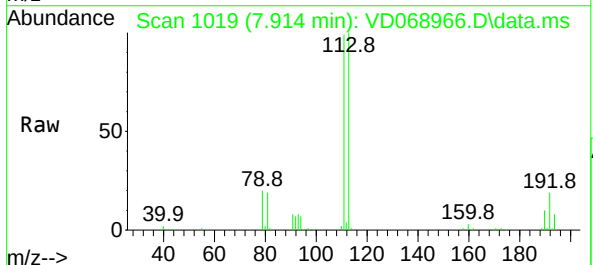
Tgt Ion:113 Resp: 176140

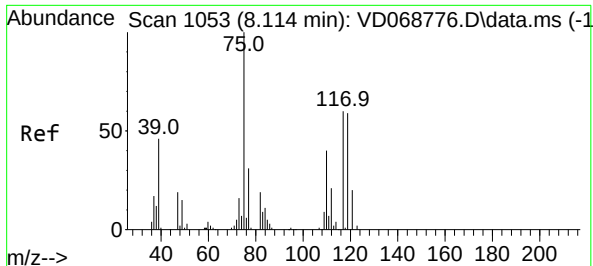
Ion Ratio Lower Upper

113 100

111 104.1 82.5 123.7

192 19.3 15.1 22.7

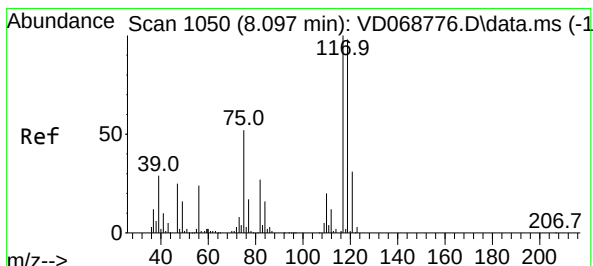
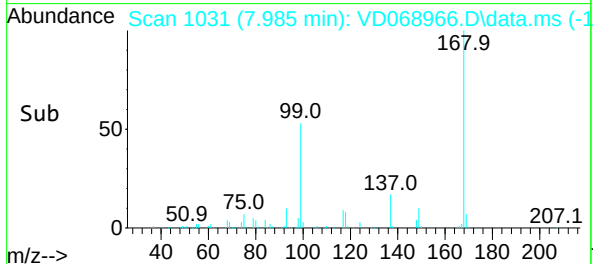
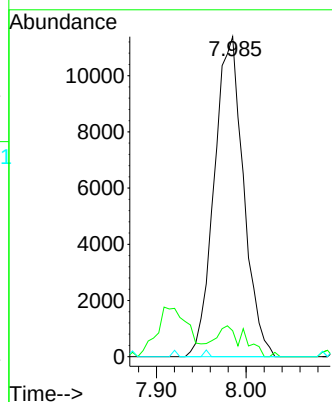
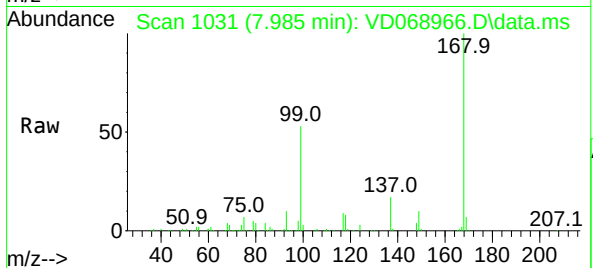




#36
1,1-Dichloropropene
Concen: 4.20 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.129 min
Lab File: VD068966.D
Acq: 23 Apr 2021 14:36

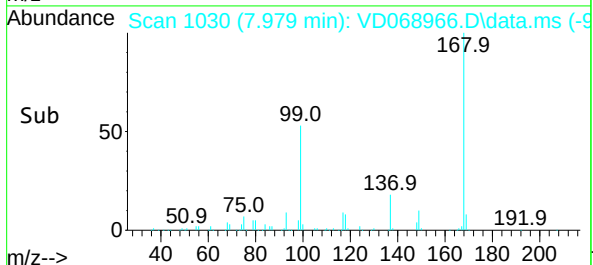
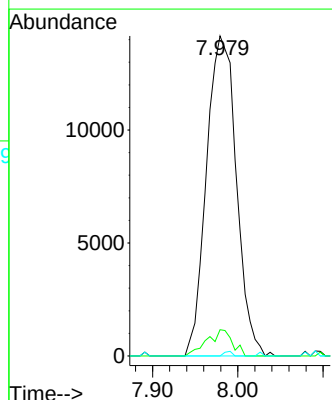
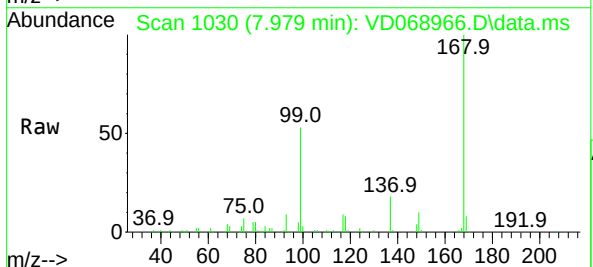
Instrument :
MSVOA_D
ClientSampleId :

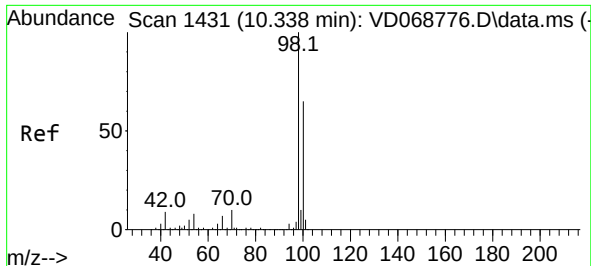
Tgt Ion: 75 Resp: 25731
Ion Ratio Lower Upper
75 100
110 3.9 18.1 54.4#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.69 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068966.D
Acq: 23 Apr 2021 14:36

Tgt Ion: 117 Resp: 34525
Ion Ratio Lower Upper
117 100
119 8.2 76.6 115.0#
121 0.0 26.1 39.1#

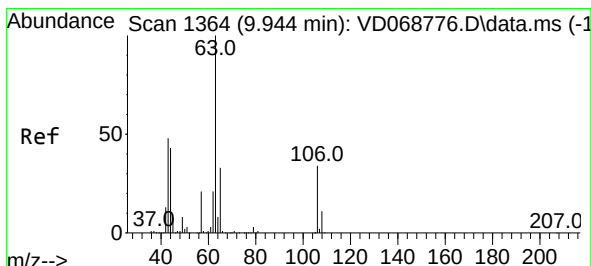
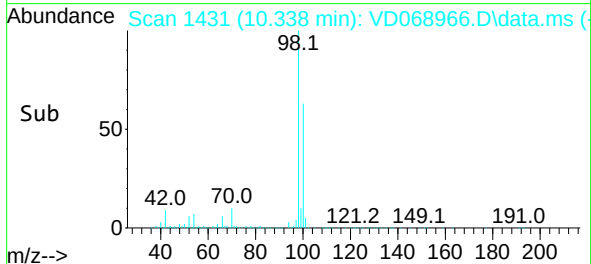
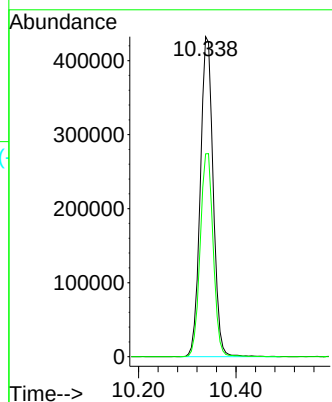
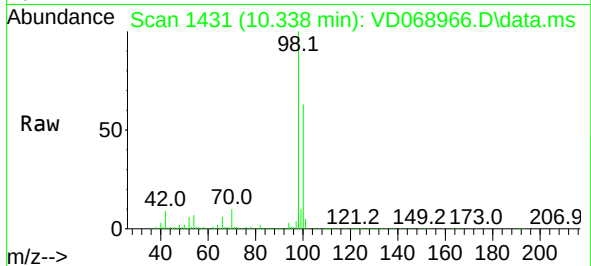




#50
Toluene-d8
Concen: 53.33 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068966.D
Acq: 23 Apr 2021 14:36

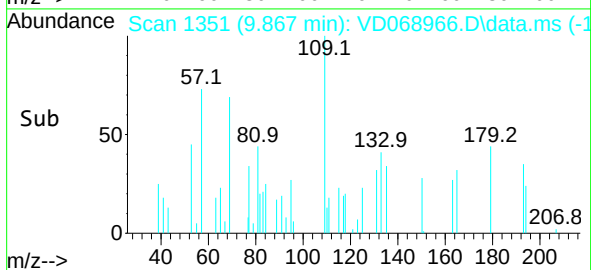
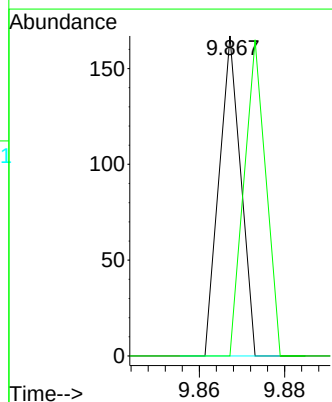
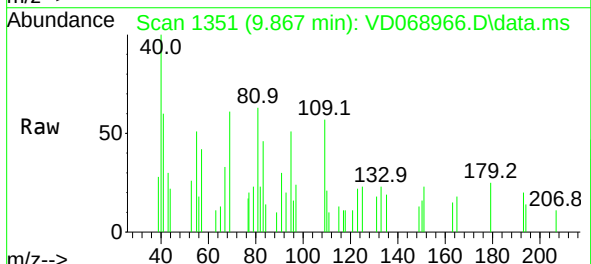
Instrument :
MSVOA_D
ClientSampled :

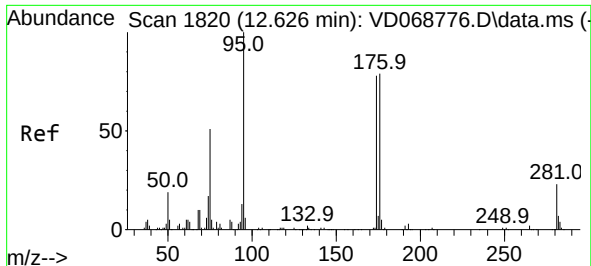
Tgt Ion: 98 Resp: 792823
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6



#58
2-Chloroethyl Vinyl ether
Concen: 17.02 ug/l
RT: 9.867 min Scan# 1351
Delta R.T. -0.077 min
Lab File: VD068966.D
Acq: 23 Apr 2021 14:36

Tgt Ion: 63 Resp: 59
Ion Ratio Lower Upper
63 100
106 98.3 24.6 36.8#

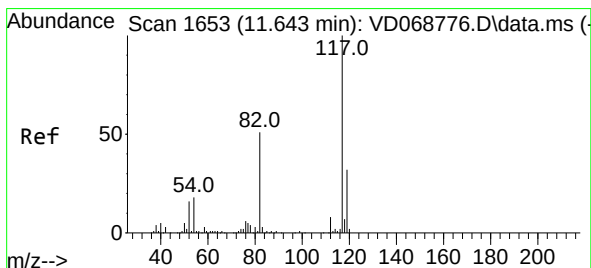
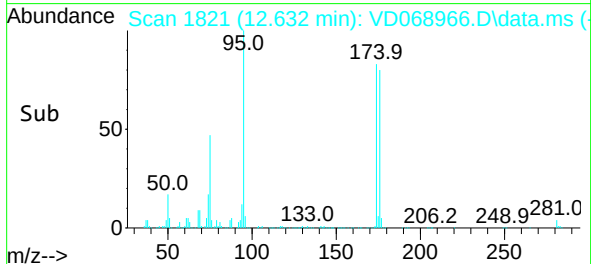
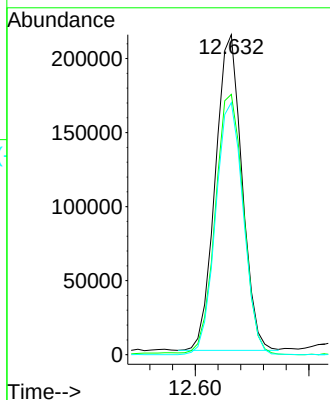
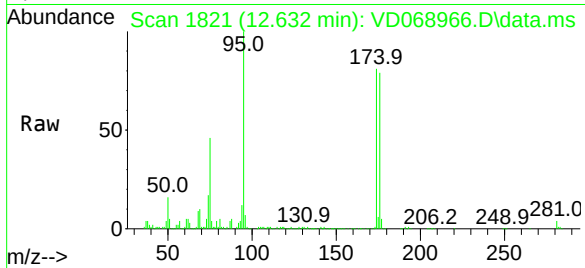




#62
4-Bromofluorobenzene
Concen: 70.45 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068966.D
Acq: 23 Apr 2021 14:36

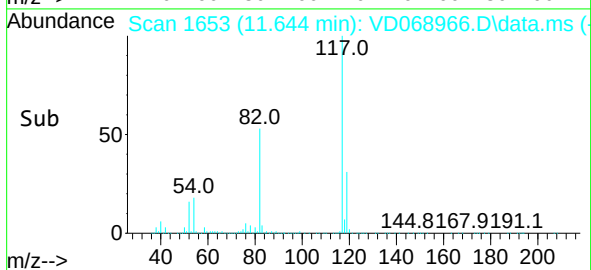
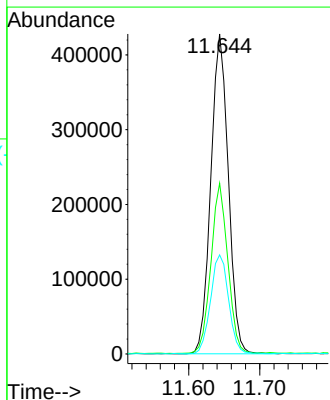
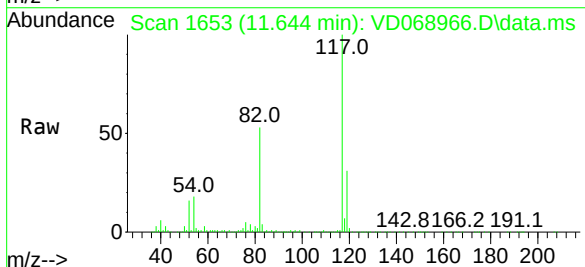
Instrument :
MSVOA_D
ClientSampleId :

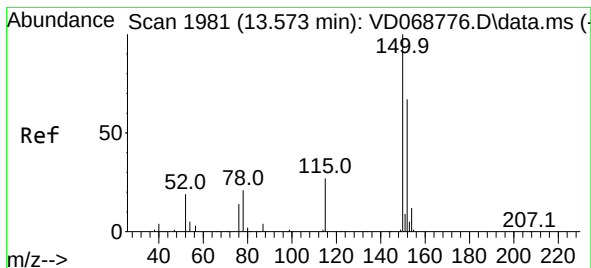
Tgt Ion: 95 Resp: 347881
Ion Ratio Lower Upper
95 100
174 88.1 0.0 168.0
176 83.0 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068966.D
Acq: 23 Apr 2021 14:36

Tgt Ion: 117 Resp: 729972
Ion Ratio Lower Upper
117 100
82 53.1 43.5 65.3
119 30.9 26.7 40.1

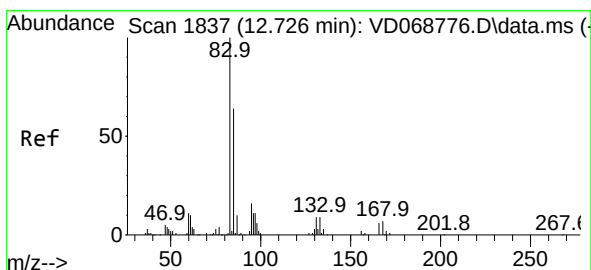
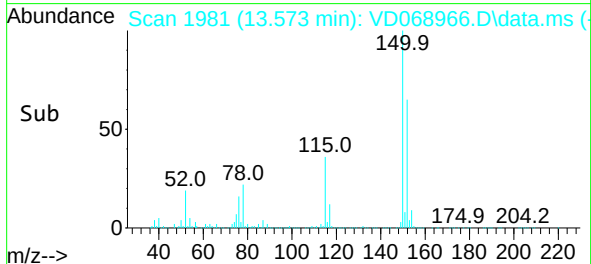
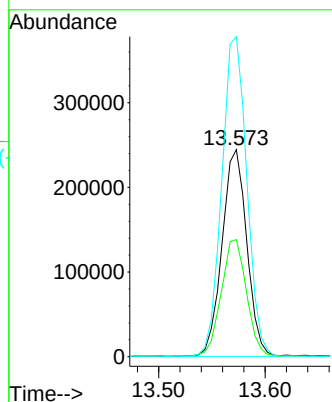
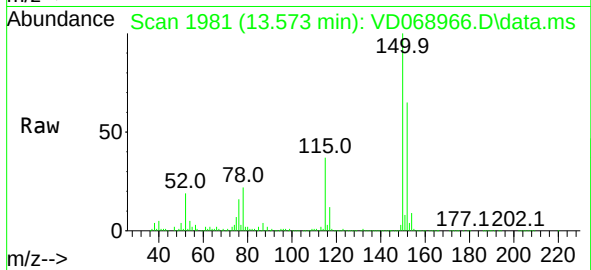




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068966.D
Acq: 23 Apr 2021 14:36

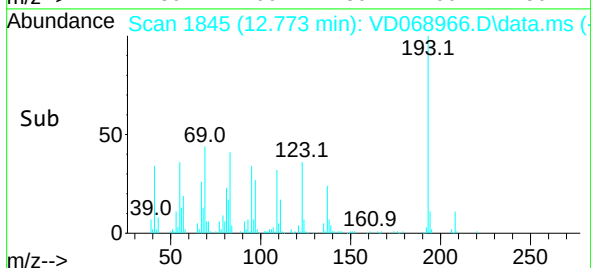
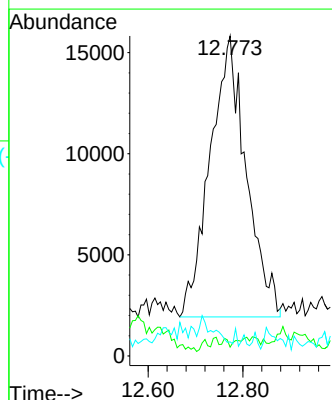
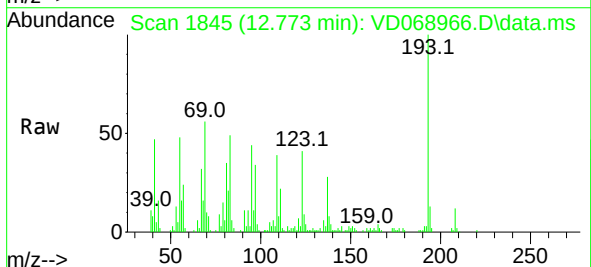
Instrument :
MSVOA_D
ClientSampleId :

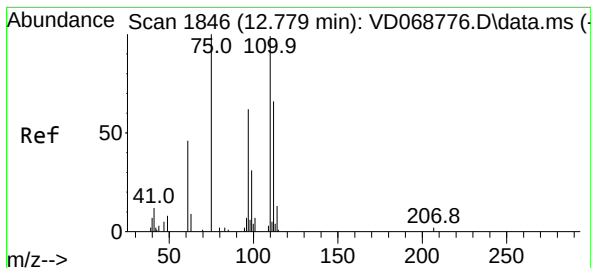
Tgt Ion:152 Resp: 394460
Ion Ratio Lower Upper
152 100
115 57.5 29.3 87.8
150 156.3 0.0 347.6



#75
1,1,2,2-Tetrachloroethane
Concen: 13.74 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. 0.047 min
Lab File: VD068966.D
Acq: 23 Apr 2021 14:36

Tgt Ion: 83 Resp: 73976
Ion Ratio Lower Upper
83 100
131 0.0 5.1 15.3#
85 0.3 32.0 96.0#

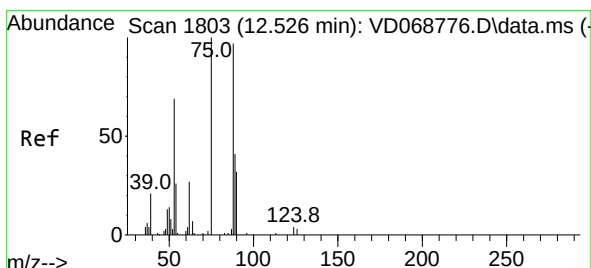
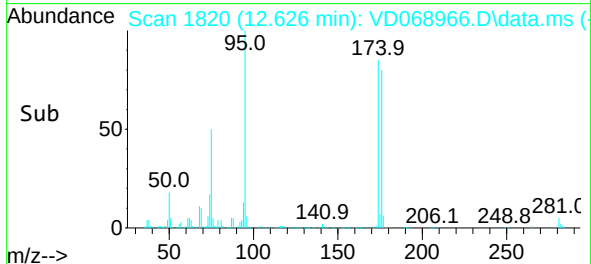
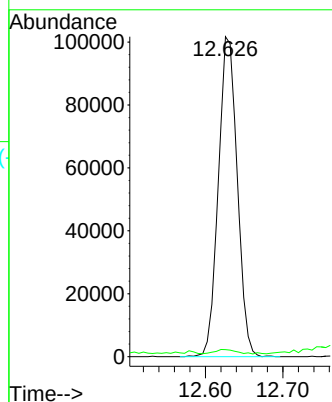
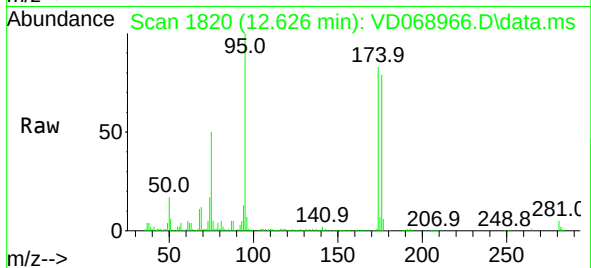




#76
1,2,3-Trichloropropane
Concen: 47.84 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.153 min
Lab File: VD068966.D
Acq: 23 Apr 2021 14:36

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75 Resp: 172381
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 111.01 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD068966.D
Acq: 23 Apr 2021 14:36

Tgt Ion: 75 Resp: 172381
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.3 36.6 54.8#

