

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032621\
 Data File : VD068684.D
 Acq On : 26 Mar 2021 15:08
 Operator : VA/SY
 Sample : M1813-02
 Misc : 5.17G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 27 00:44:10 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

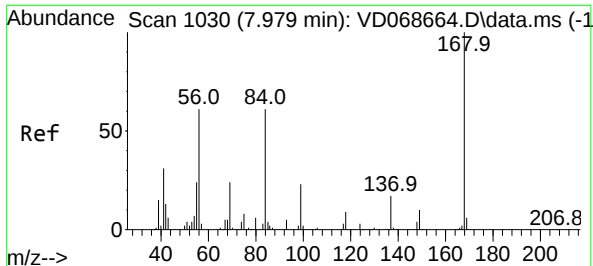
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.985	168	264853	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	504083	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	478897	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	223245	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	133659	50.05	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.10%			
35) Dibromofluoromethane	7.920	113	161419	51.47	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.94%			
50) Toluene-d8	10.344	98	632380	52.30	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.60%			
62) 4-Bromofluorobenzene	12.632	95	215899	55.07	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 110.14%			
Target Compounds						Qvalue
16) Acetone	4.162	43	2975	9.18	ug/l #	87
20) Methylene Chloride	4.973	84	11369	Below Cal		91
36) 1,1-Dichloropropene	7.979	75	21211	4.71	ug/l #	48
38) Carbon Tetrachloride	7.979	117	26824	5.97	ug/l #	16
51) 4-Methyl-2-Pentanone	10.344	43	2577	1.82	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	109433	58.89	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	109433	133.99	ug/l #	16

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

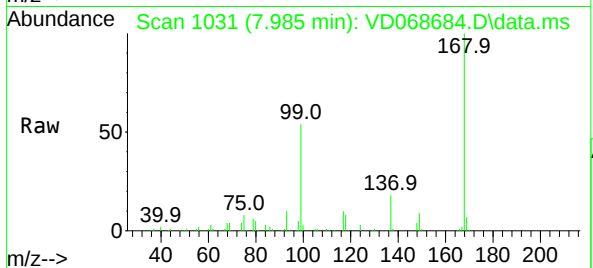
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 20 02:00:55 2021
Response via : Initial Calibration



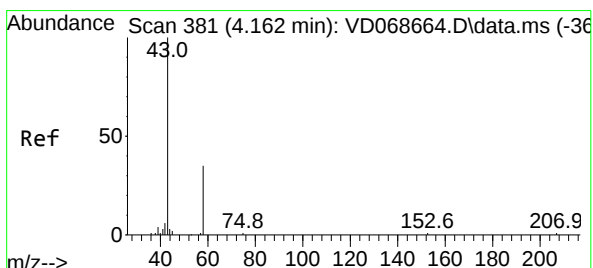
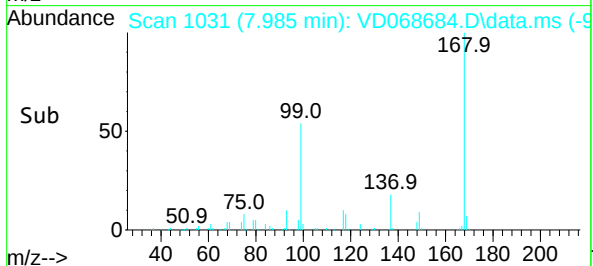
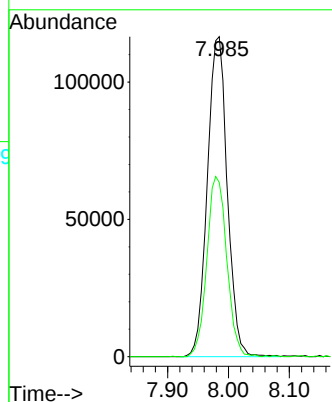


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068684.D
Acq: 26 Mar 2021 15:08

Instrument :
MSVOA_D
ClientSampleId :

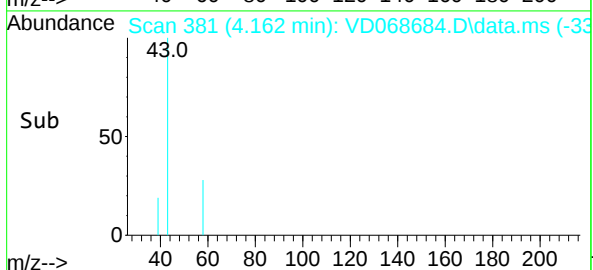
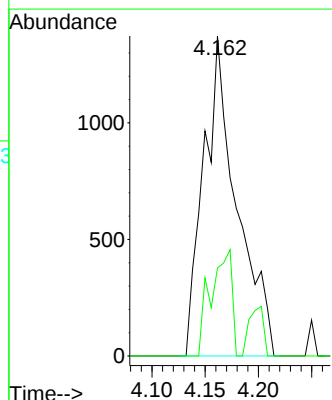
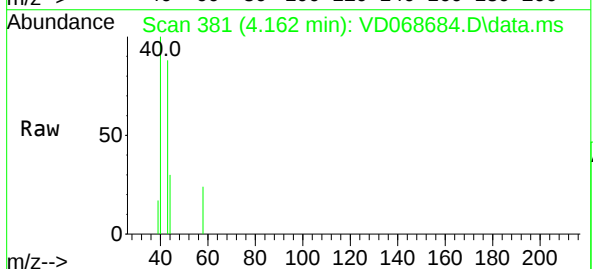


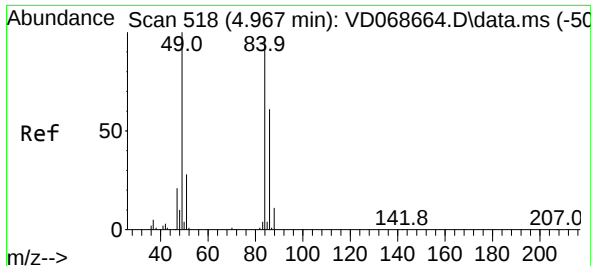
Tgt Ion:168 Resp: 264853
Ion Ratio Lower Upper
168 100
99 54.5 46.2 69.2



#16
Acetone
Concen: 9.18 ug/l
RT: 4.162 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD068684.D
Acq: 26 Mar 2021 15:08

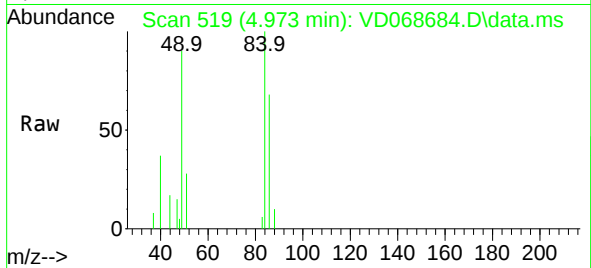
Tgt Ion: 43 Resp: 2975
Ion Ratio Lower Upper
43 100
58 27.5 28.0 42.0#



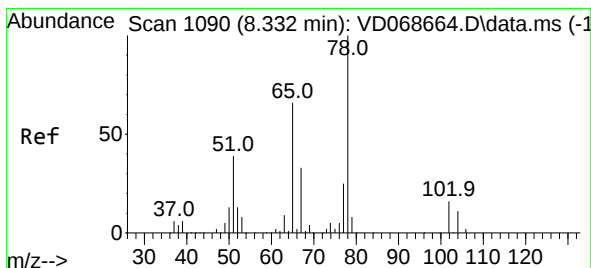
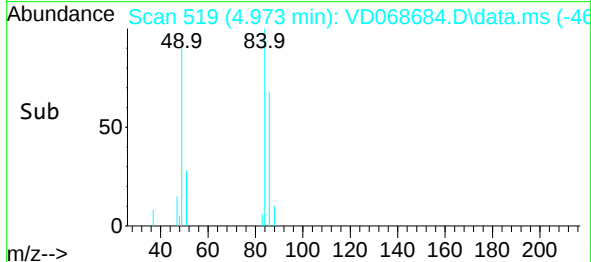
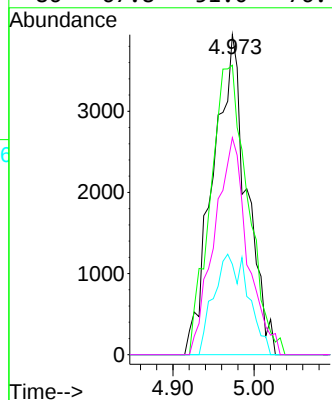


#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.006 min
Lab File: VD068684.D
Acq: 26 Mar 2021 15:08

Instrument :
MSVOA_D
ClientSampleId :

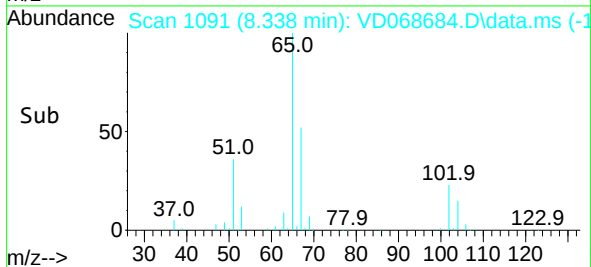
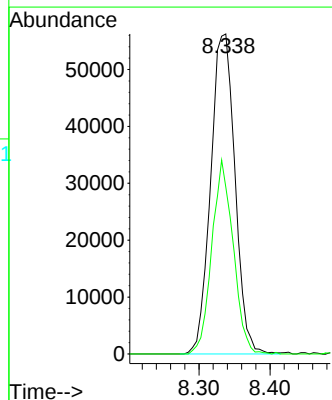
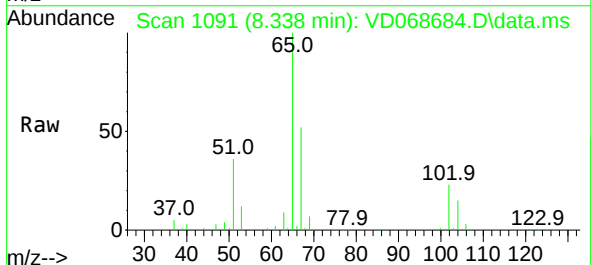


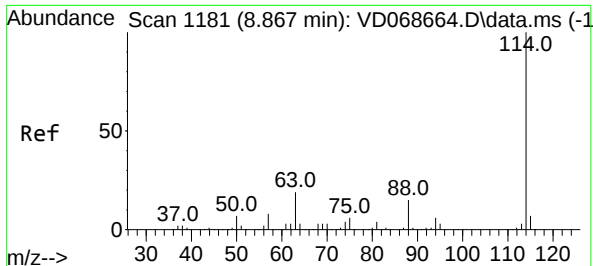
Tgt Ion: 84 Resp: 11369
Ion Ratio Lower Upper
84 100
49 90.5 83.4 125.0
51 28.3 23.4 35.2
86 67.8 51.0 76.4



#33
1,2-Dichloroethane-d4
Concen: 50.05 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068684.D
Acq: 26 Mar 2021 15:08

Tgt Ion: 65 Resp: 133659
Ion Ratio Lower Upper
65 100
67 53.2 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: VD068684.D

Acq: 26 Mar 2021 15:08

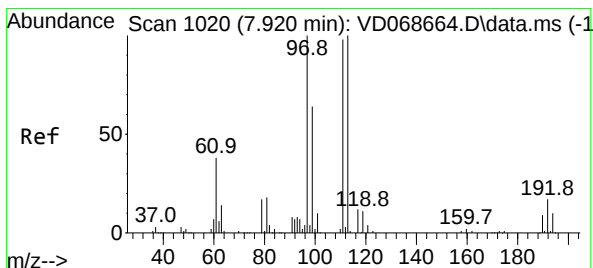
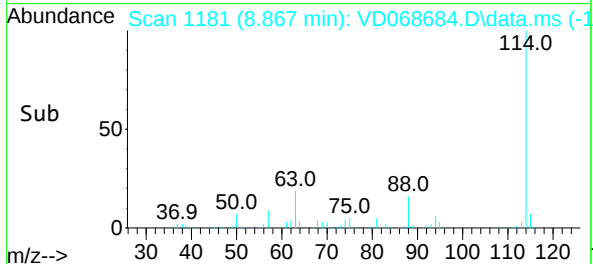
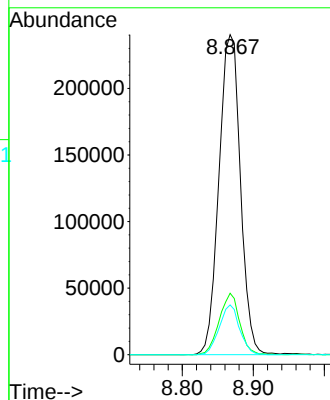
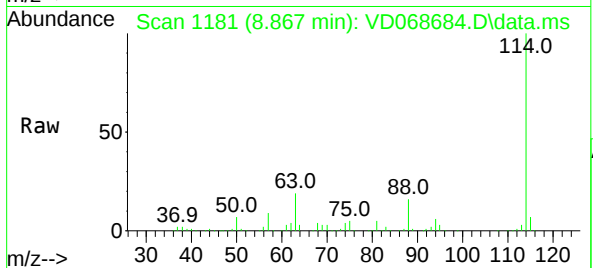
Tgt Ion:114 Resp: 504083

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.2

88 15.6 0.0 29.4



#35

Dibromofluoromethane

Concen: 51.47 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. -0.000 min

Lab File: VD068684.D

Acq: 26 Mar 2021 15:08

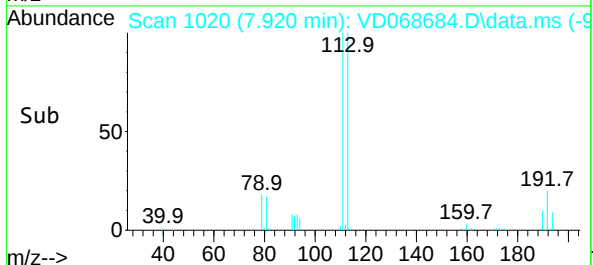
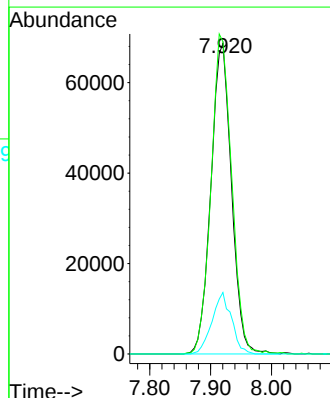
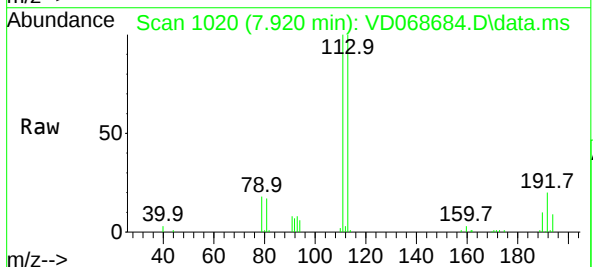
Tgt Ion:113 Resp: 161419

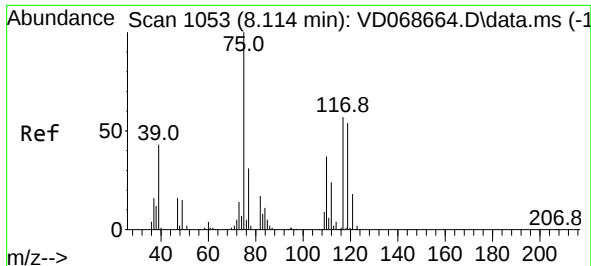
Ion Ratio Lower Upper

113 100

111 103.3 82.5 123.7

192 18.7 15.1 22.7

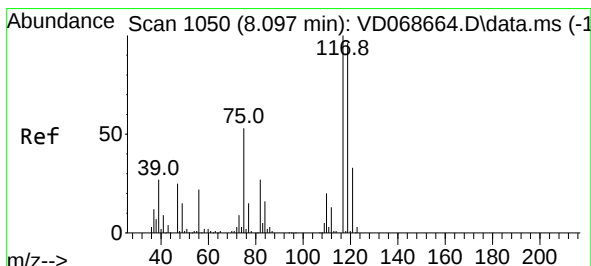
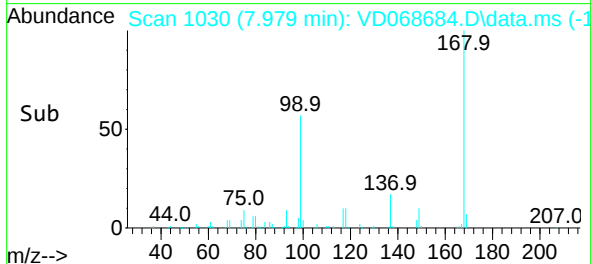
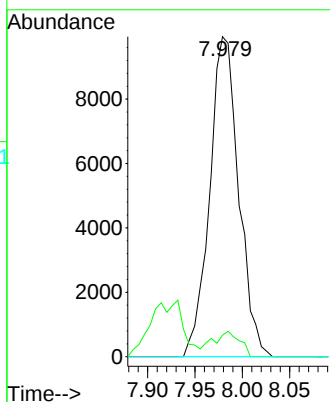
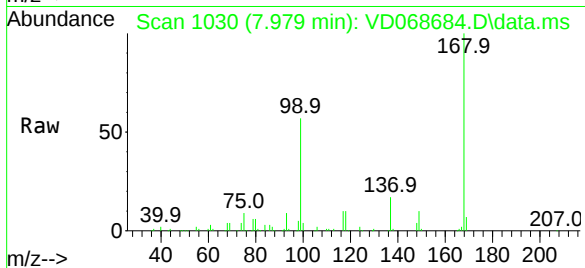




#36
1,1-Dichloropropene
Concen: 4.71 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068684.D
Acq: 26 Mar 2021 15:08

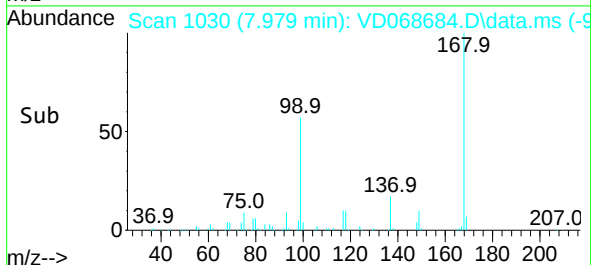
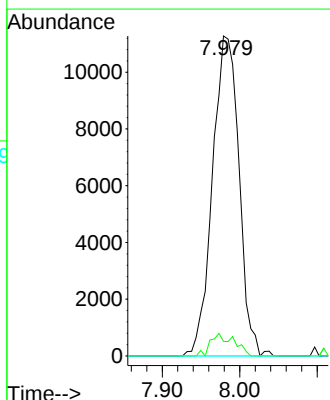
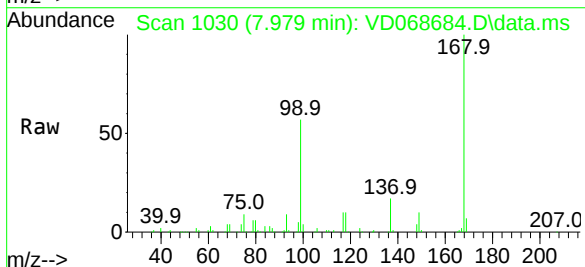
Instrument :
MSVOA_D
ClientSampleId :

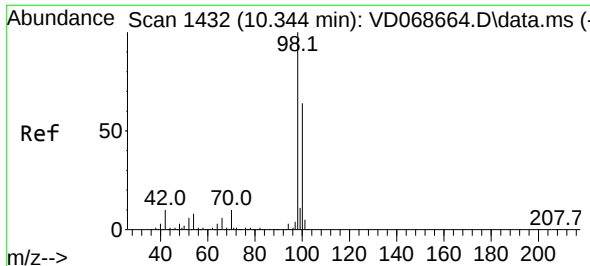
Tgt Ion: 75 Resp: 21211
Ion Ratio Lower Upper
75 100
110 7.3 18.1 54.4#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.97 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068684.D
Acq: 26 Mar 2021 15:08

Tgt Ion: 117 Resp: 26824
Ion Ratio Lower Upper
117 100
119 4.6 76.6 115.0#
121 0.0 26.1 39.1#

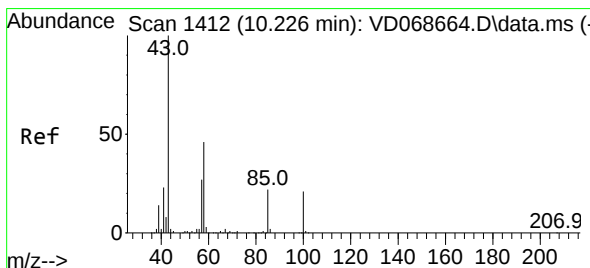
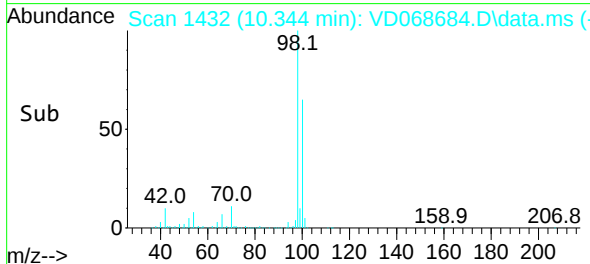
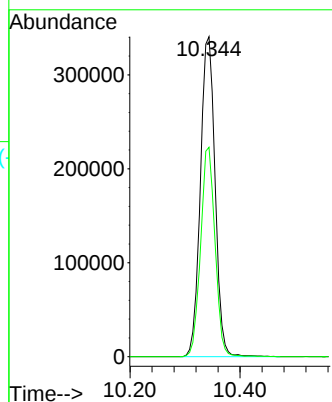
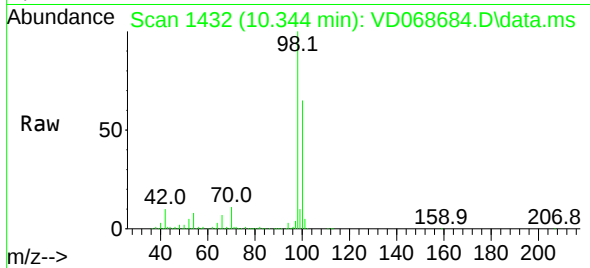




#50
Toluene-d8
Concen: 52.30 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068684.D
Acq: 26 Mar 2021 15:08

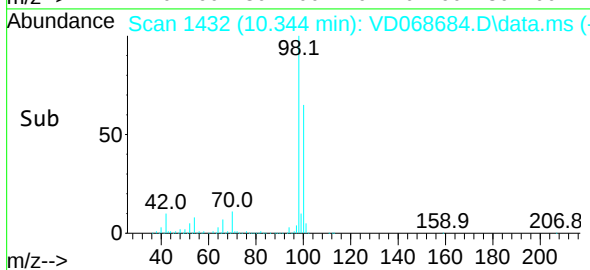
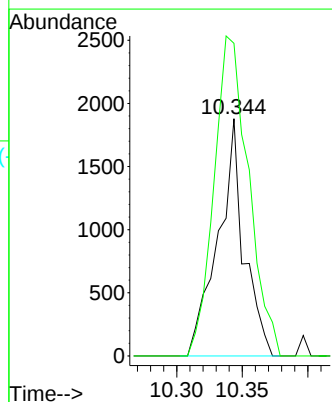
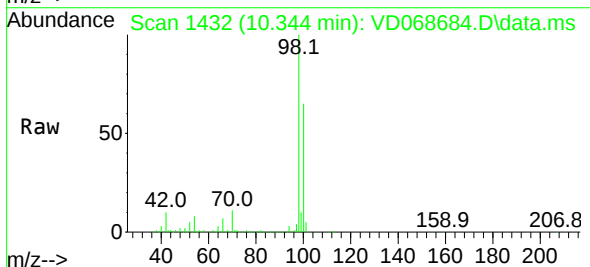
Instrument :
MSVOA_D
ClientSampled :

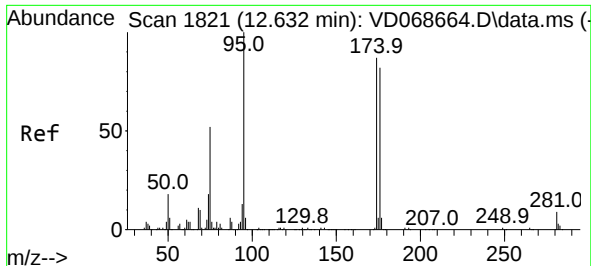
Tgt Ion: 98 Resp: 632380
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.82 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.118 min
Lab File: VD068684.D
Acq: 26 Mar 2021 15:08

Tgt Ion: 43 Resp: 2577
Ion Ratio Lower Upper
43 100
58 180.2 37.3 55.9#

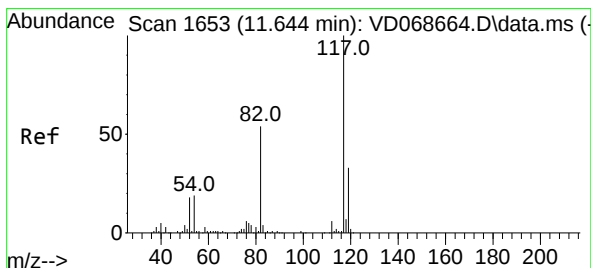
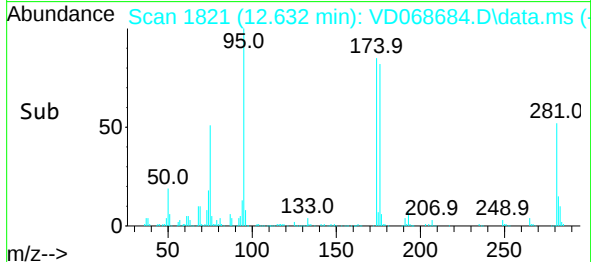
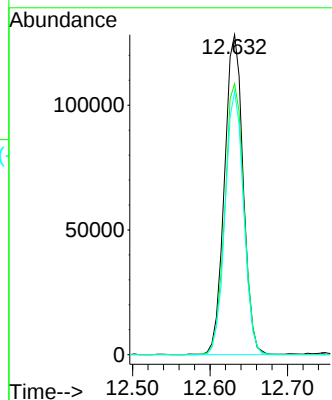
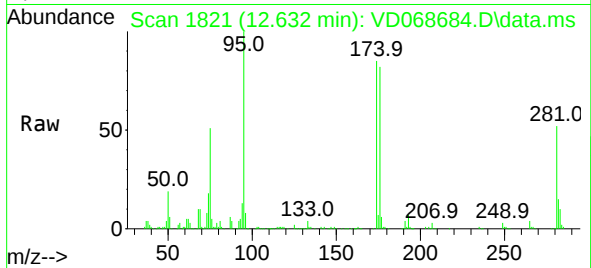




#62
4-Bromofluorobenzene
Concen: 55.07 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068684.D
Acq: 26 Mar 2021 15:08

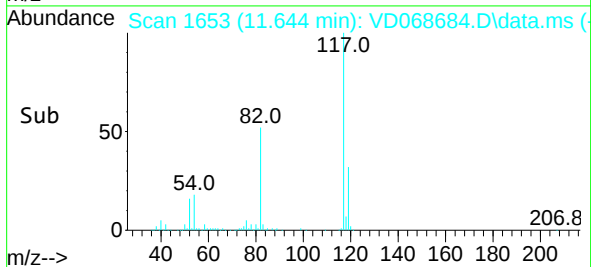
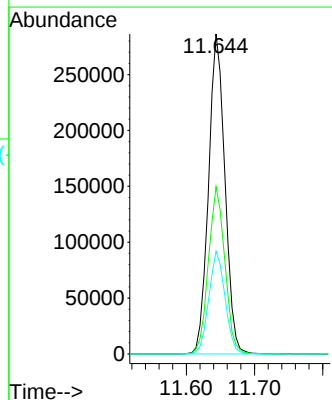
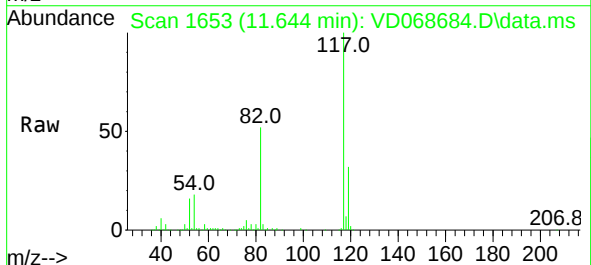
Instrument :
MSVOA_D
ClientSampleId :

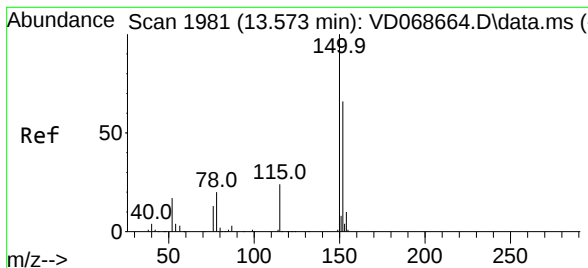
Tgt Ion: 95 Resp: 215899
Ion Ratio Lower Upper
95 100
174 86.3 0.0 168.0
176 81.3 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD068684.D
Acq: 26 Mar 2021 15:08

Tgt Ion: 117 Resp: 478897
Ion Ratio Lower Upper
117 100
82 52.2 43.5 65.3
119 32.1 26.7 40.1

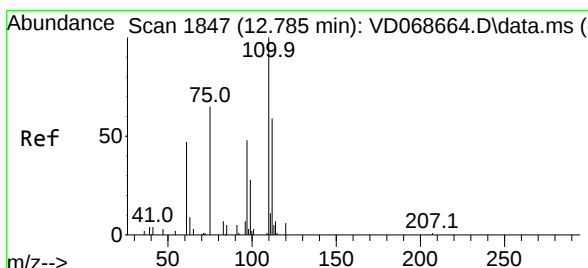
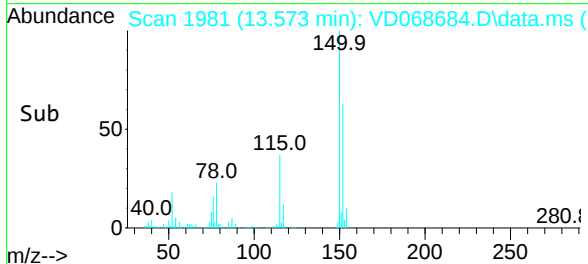
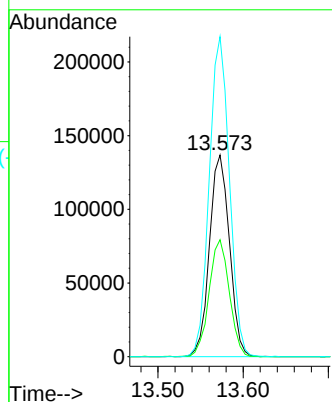
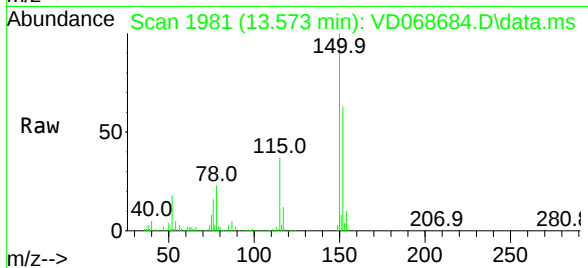




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068684.D
Acq: 26 Mar 2021 15:08

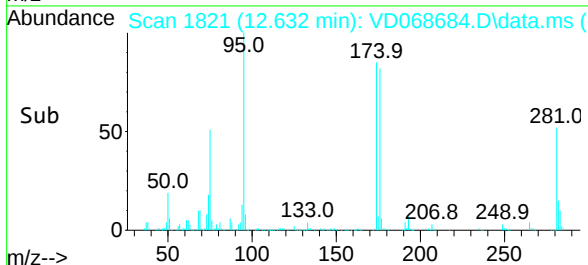
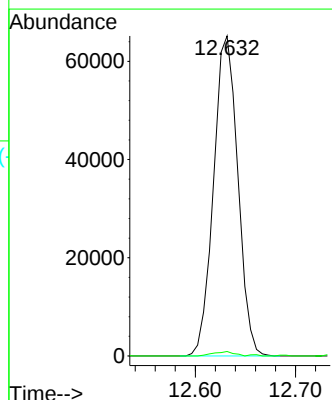
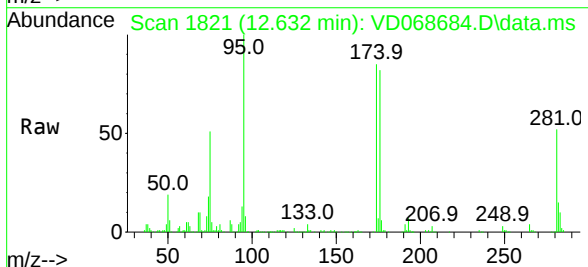
Instrument :
MSVOA_D
ClientSampleId :

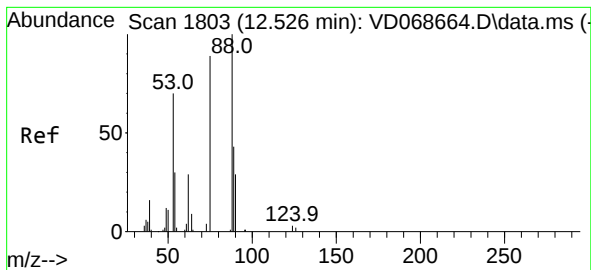
Tgt Ion:152 Resp: 223245
Ion Ratio Lower Upper
152 100
115 58.7 29.3 87.8
150 159.8 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 58.89 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068684.D
Acq: 26 Mar 2021 15:08

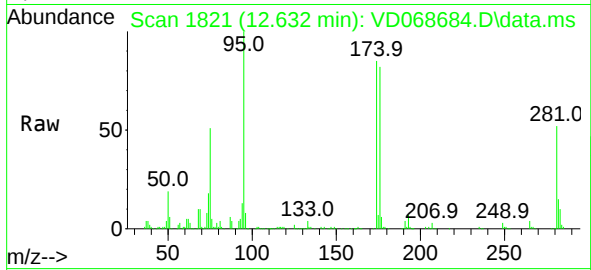
Tgt Ion: 75 Resp: 109433
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 133.99 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068664.D
 Acq: 26 Mar 2021 15:08

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 109433
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.2 36.6 54.8#

