

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042221\
 Data File : VD068954.D
 Acq On : 22 Apr 2021 15:51
 Operator : VA/SY
 Sample : M2107-08
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 23 08:46:26 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)

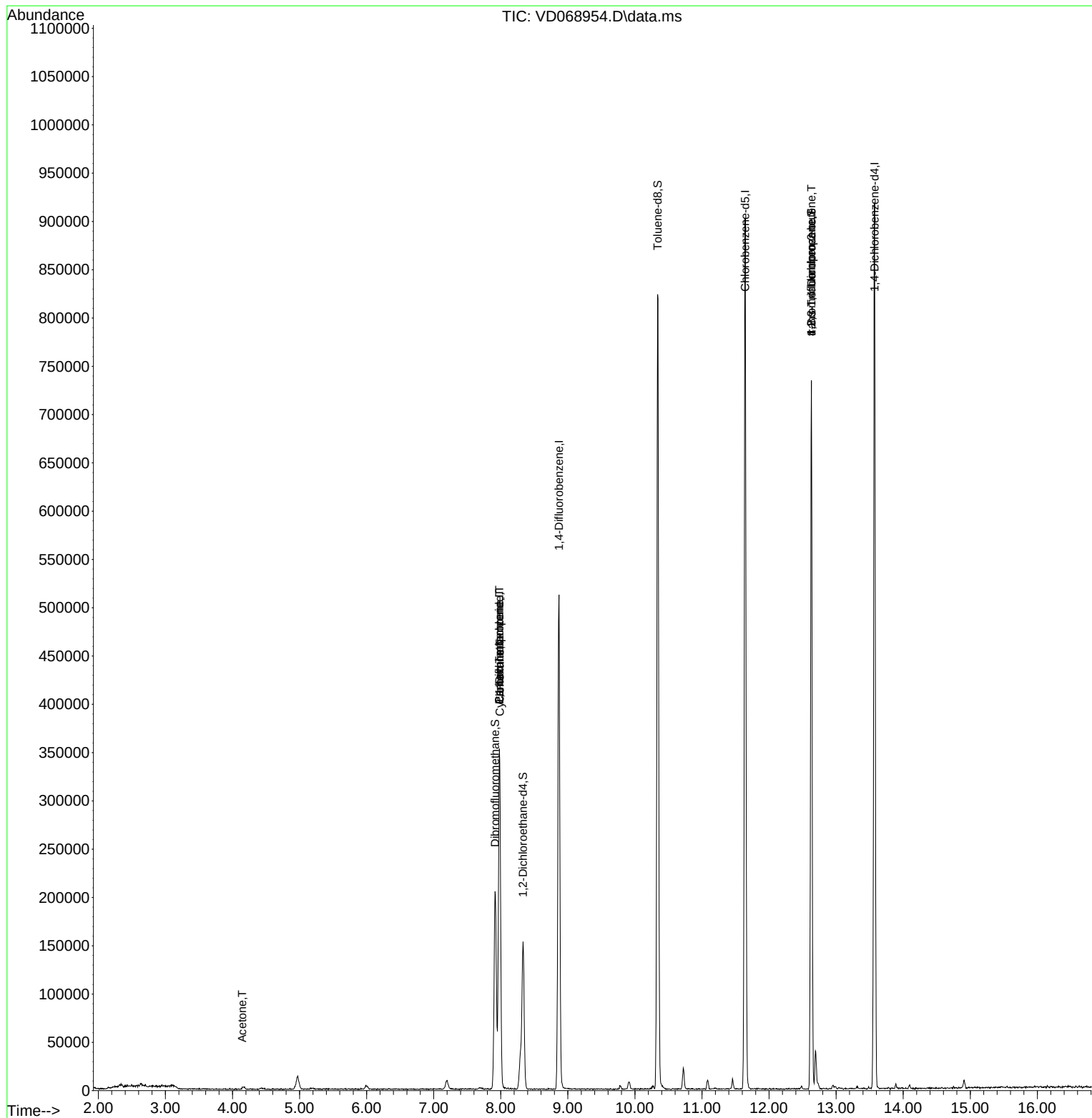
Internal Standards						
1) Pentafluorobenzene	7.979	168	270116	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	468381	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	543873	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	260731	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	119369	41.81	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.62%
35) Dibromofluoromethane	7.914	113	149847	49.19	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.38%
50) Toluene-d8	10.338	98	597504	51.99	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.98%
62) 4-Bromofluorobenzene	12.632	95	227895	59.71	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	119.42%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.226	59	204	Below Cal	#	73
16) Acetone	4.144	43	4314	10.91	ug/l	92
20) Methylene Chloride	4.967	84	11105	Below Cal		91
31) Cyclohexane	7.985	56	5341	1.12	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	20312	4.28	ug/l #	49
38) Carbon Tetrachloride	7.979	117	26066	5.55	ug/l #	16
76) 1,2,3-Trichloropropane	12.632	75	113424	47.62	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	113424	110.51	ug/l #	16

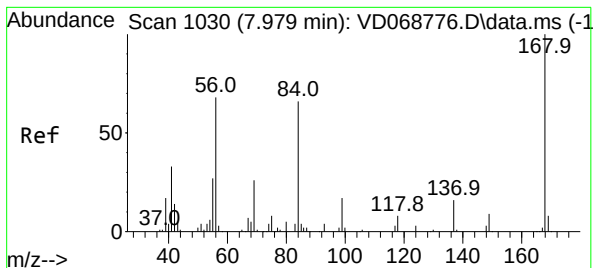
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD068954.D
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Misc : 5.01G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

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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

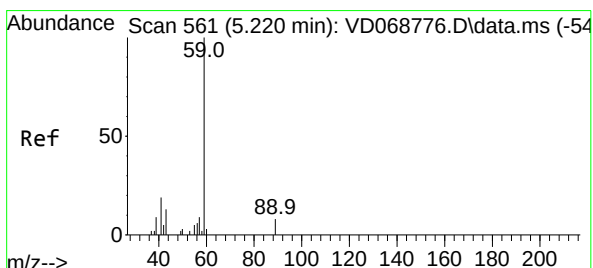
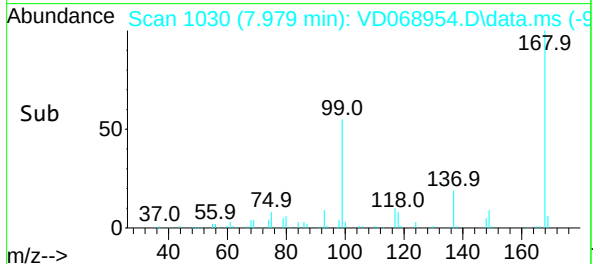
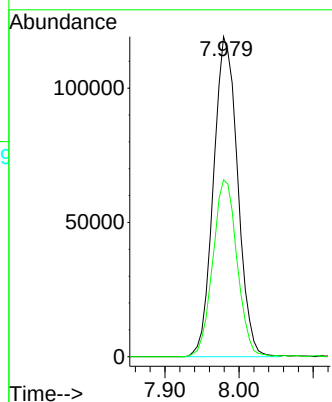
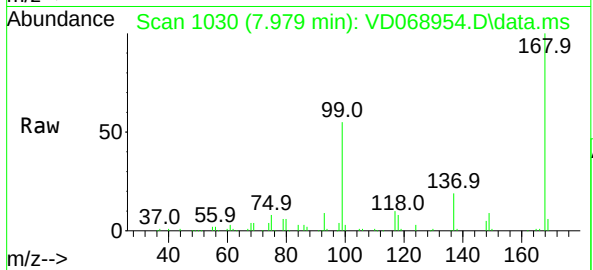




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068954.D
Acq: 22 Apr 2021 15:51

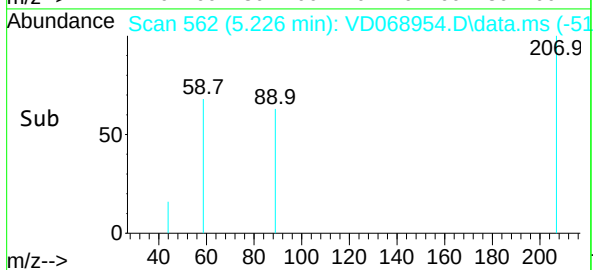
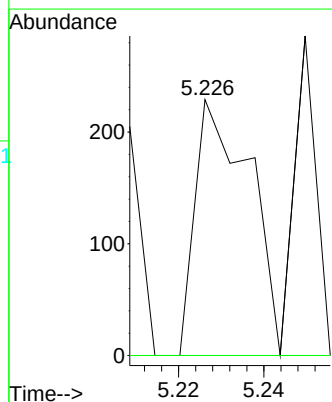
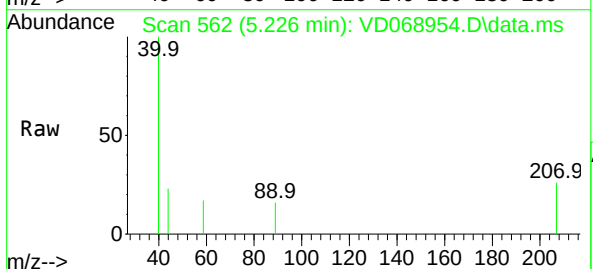
Instrument :
MSVOA_D
ClientSampleId :

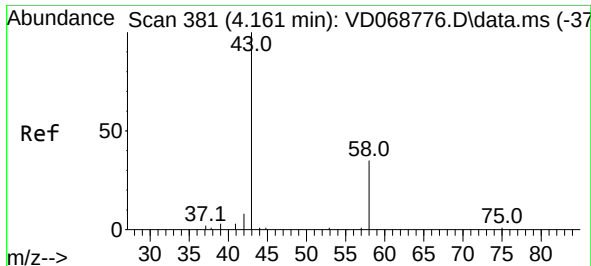
Tgt Ion:168 Resp: 270116
Ion Ratio Lower Upper
168 100
99 55.3 46.2 69.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.226 min Scan# 562
Delta R.T. 0.006 min
Lab File: VD068954.D
Acq: 22 Apr 2021 15:51

Tgt Ion: 59 Resp: 204
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

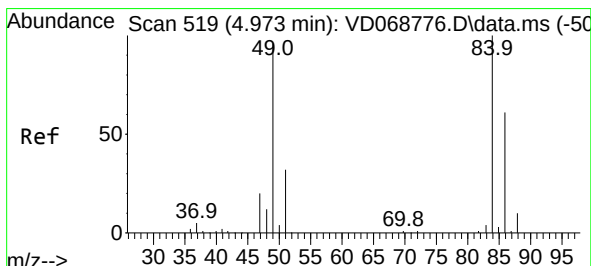
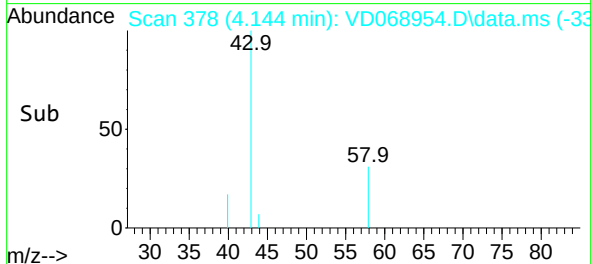
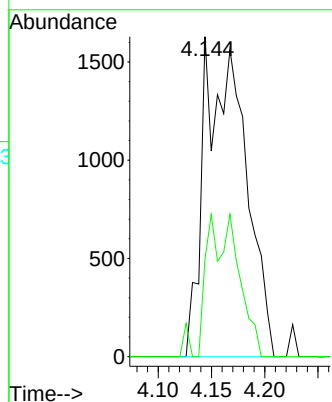
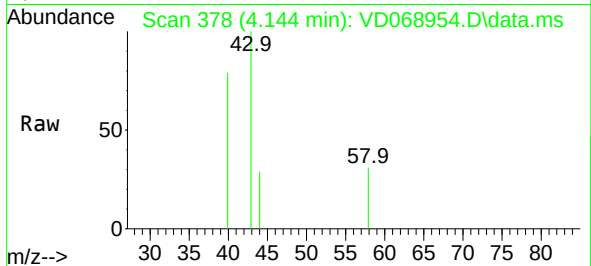




#16
Acetone
Concen: 10.91 ug/l
RT: 4.144 min Scan# 378
Delta R.T. -0.017 min
Lab File: VD068954.D
Acq: 22 Apr 2021 15:51

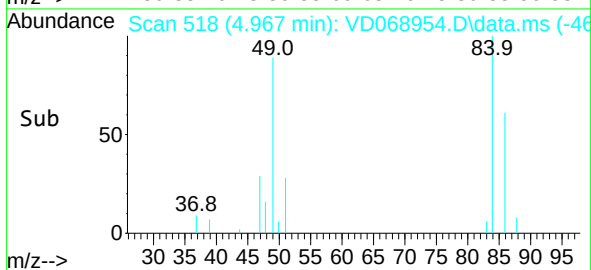
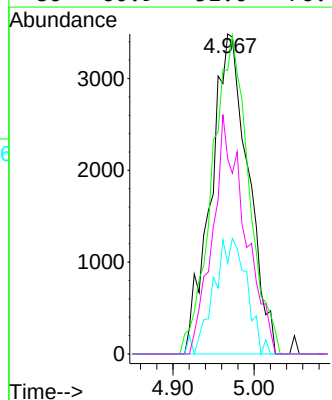
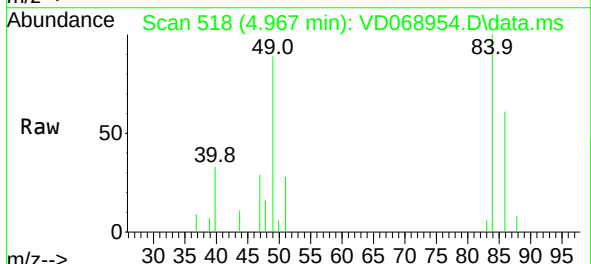
Instrument :
MSVOA_D
ClientSampled :

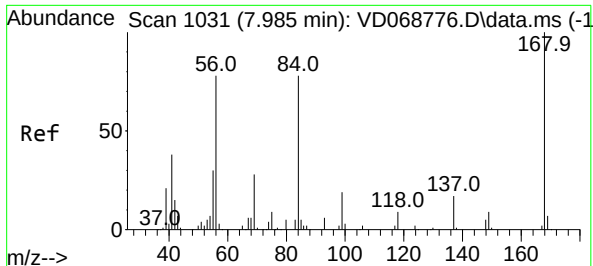
Tgt Ion: 43 Resp: 4314
Ion Ratio Lower Upper
43 100
58 30.5 28.0 42.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068954.D
Acq: 22 Apr 2021 15:51

Tgt Ion: 84 Resp: 11105
Ion Ratio Lower Upper
84 100
49 88.6 83.4 125.0
51 28.3 23.4 35.2
86 60.9 51.0 76.4

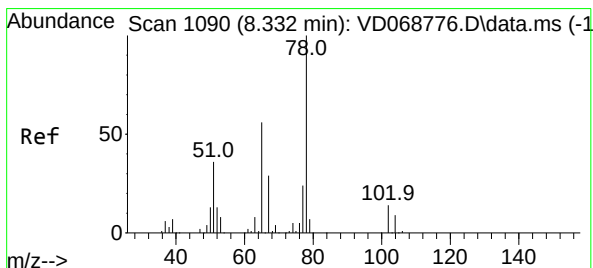
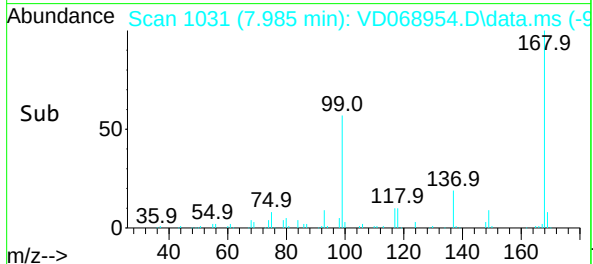
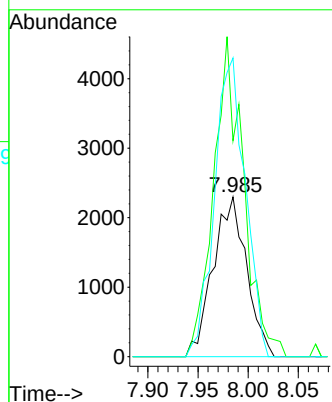
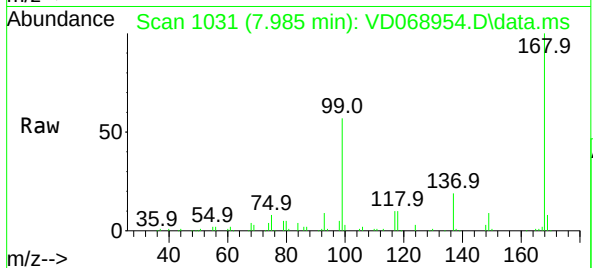




#31
Cyclohexane
Concen: 1.12 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068954.D
Acq: 22 Apr 2021 15:51

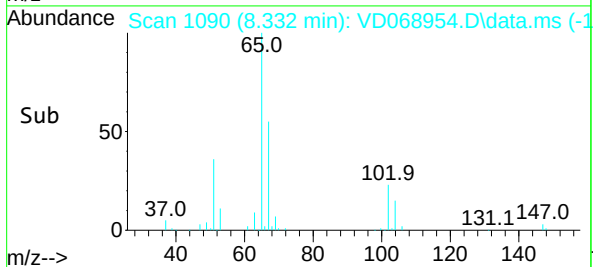
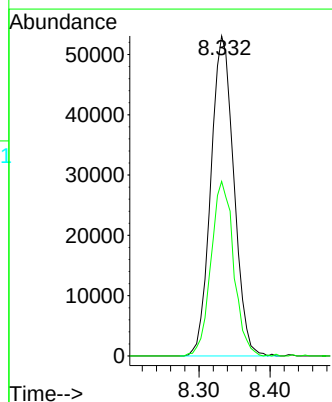
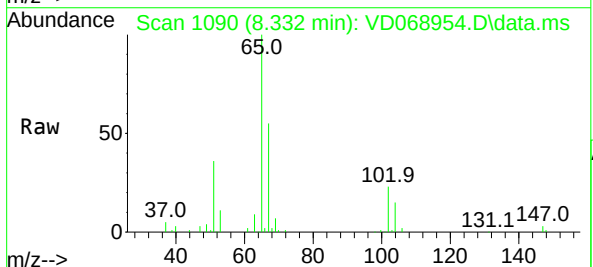
Instrument :
MSVOA_D
ClientSampled :

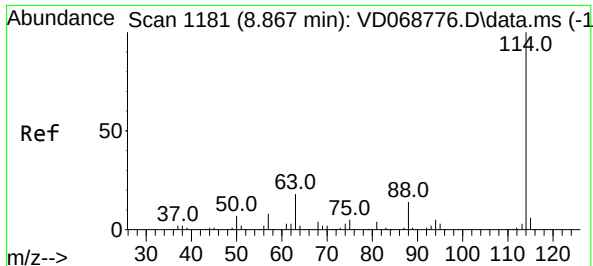
Tgt Ion: 56 Resp: 5341
Ion Ratio Lower Upper
56 100
69 135.2 30.0 45.0#
84 187.0 82.0 123.0#



#33
1,2-Dichloroethane-d4
Concen: 41.81 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068954.D
Acq: 22 Apr 2021 15:51

Tgt Ion: 65 Resp: 119369
Ion Ratio Lower Upper
65 100
67 53.6 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: VD068954.D

Acq: 22 Apr 2021 15:51

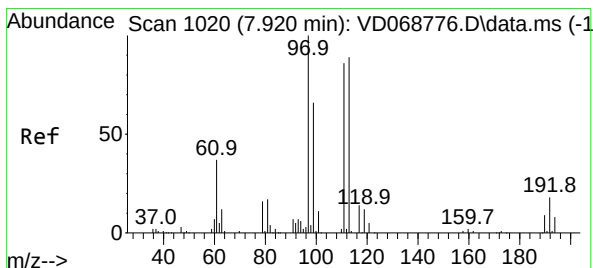
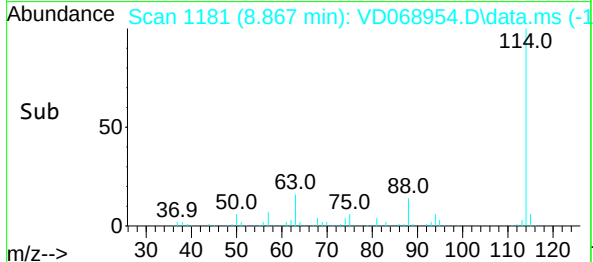
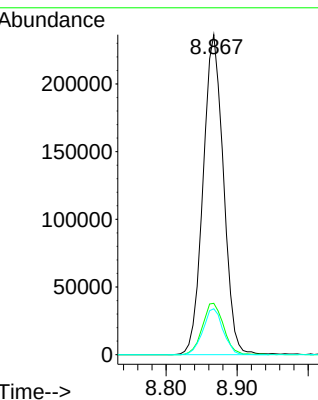
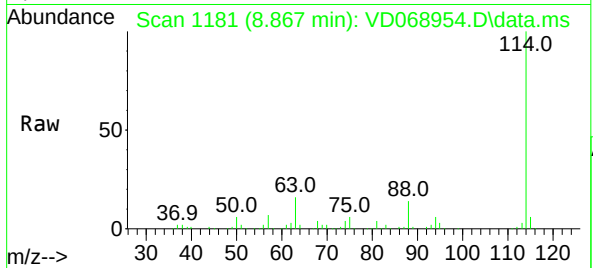
Tgt Ion:114 Resp: 468381

Ion Ratio Lower Upper

114 100

63 16.1 0.0 38.2

88 14.4 0.0 29.4



#35

Dibromofluoromethane

Concen: 49.19 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068954.D

Acq: 22 Apr 2021 15:51

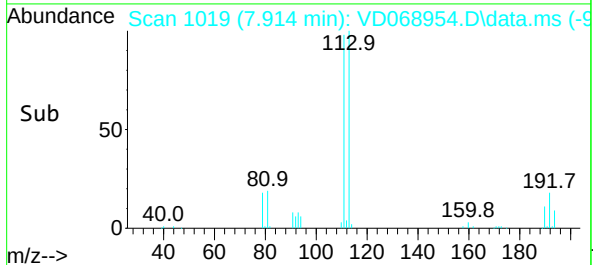
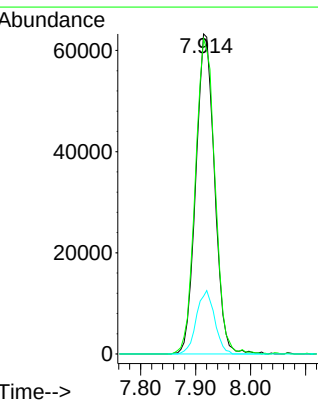
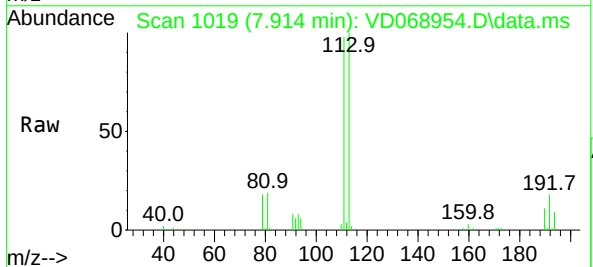
Tgt Ion:113 Resp: 149847

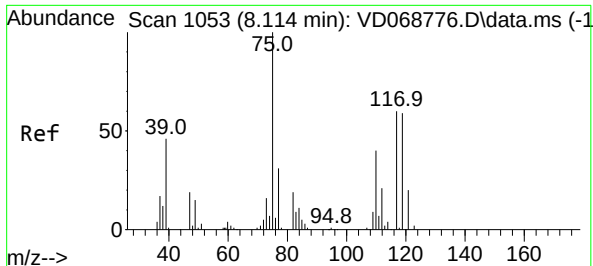
Ion Ratio Lower Upper

113 100

111 103.3 82.5 123.7

192 19.2 15.1 22.7

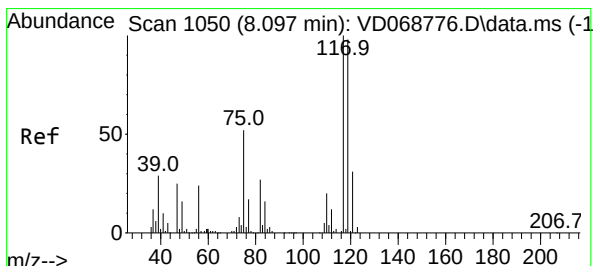
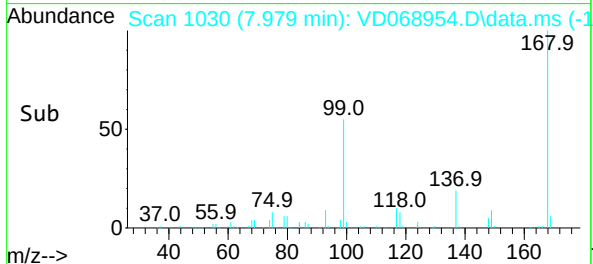
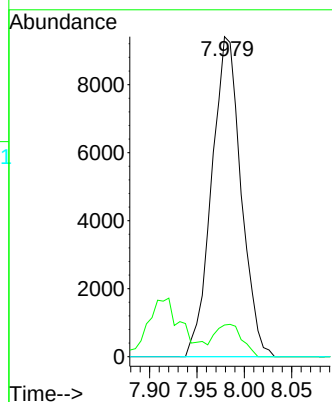
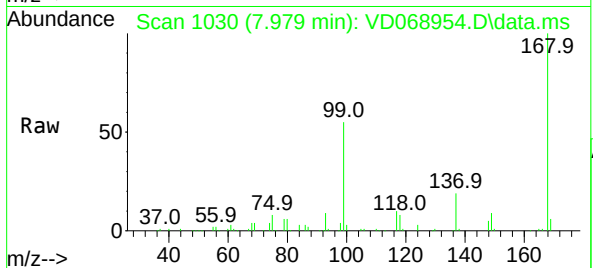




#36
1,1-Dichloropropene
Concen: 4.28 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068954.D
Acq: 22 Apr 2021 15:51

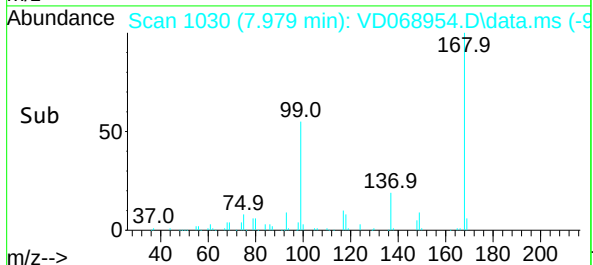
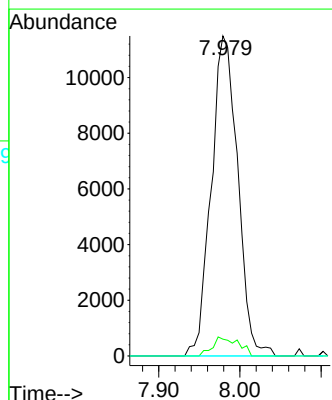
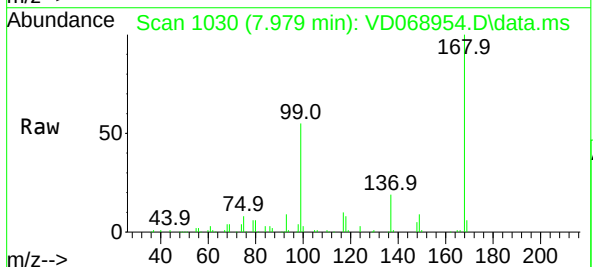
Instrument :
MSVOA_D
ClientSampled :

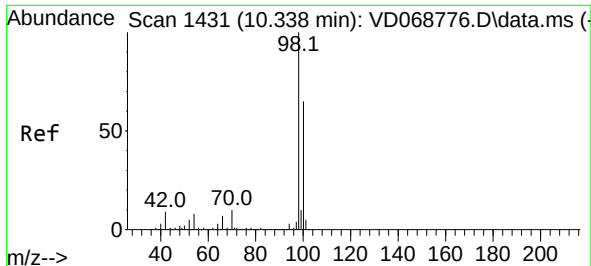
Tgt Ion: 75 Resp: 20312
Ion Ratio Lower Upper
75 100
110 9.2 18.1 54.4#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.55 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068954.D
Acq: 22 Apr 2021 15:51

Tgt Ion: 117 Resp: 26066
Ion Ratio Lower Upper
117 100
119 5.2 76.6 115.0#
121 0.0 26.1 39.1#

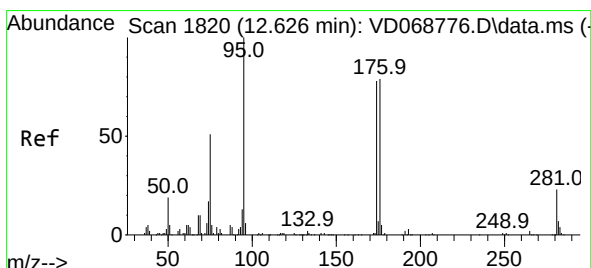
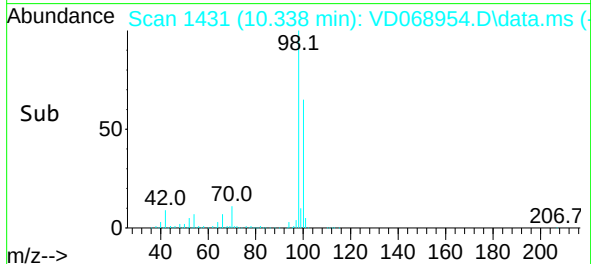
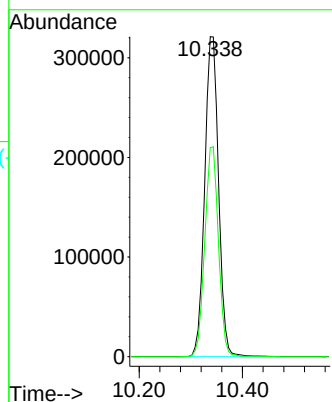
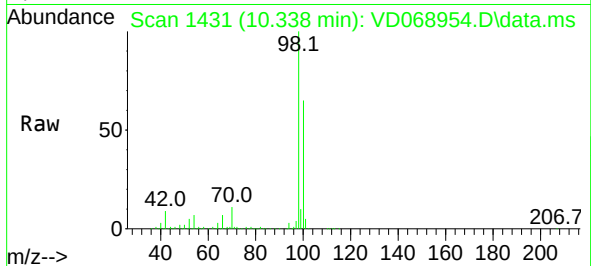




#50
Toluene-d8
Concen: 51.99 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068954.D
Acq: 22 Apr 2021 15:51

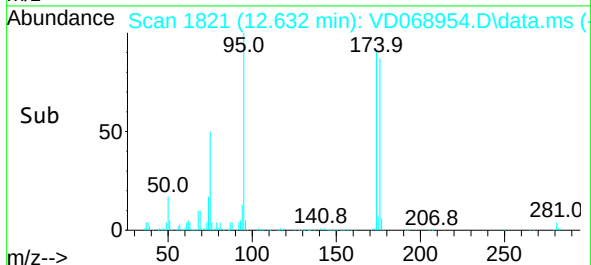
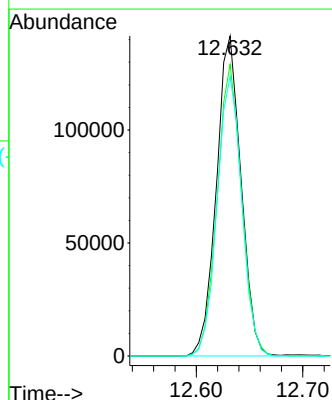
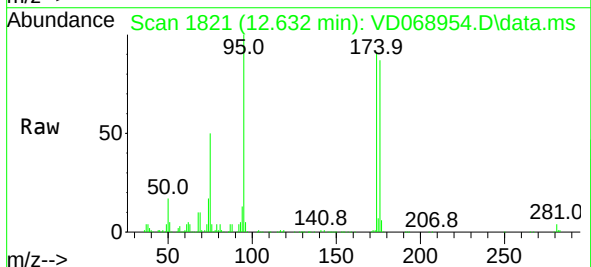
Instrument :
MSVOA_D
ClientSampleId :

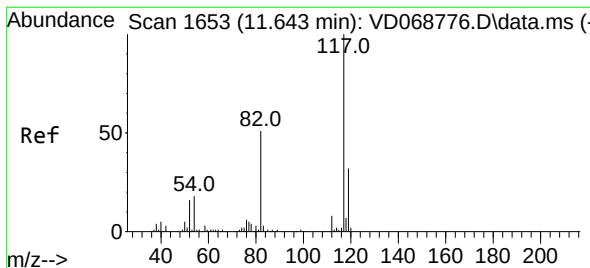
Tgt Ion: 98 Resp: 597504
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 59.71 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068954.D
Acq: 22 Apr 2021 15:51

Tgt Ion: 95 Resp: 227895
Ion Ratio Lower Upper
95 100
174 90.1 0.0 168.0
176 87.0 0.0 160.2

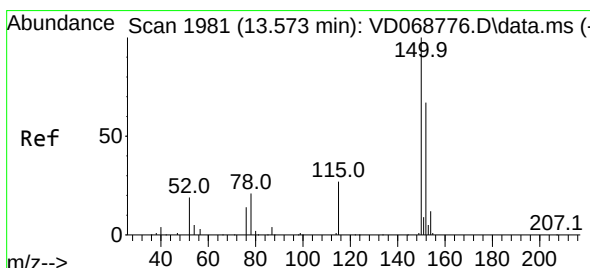
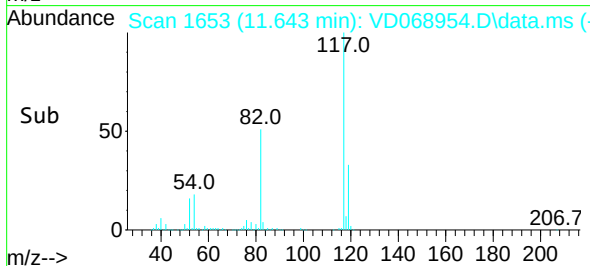
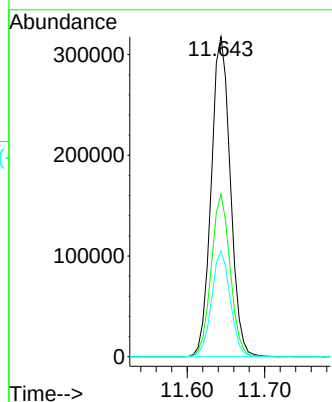
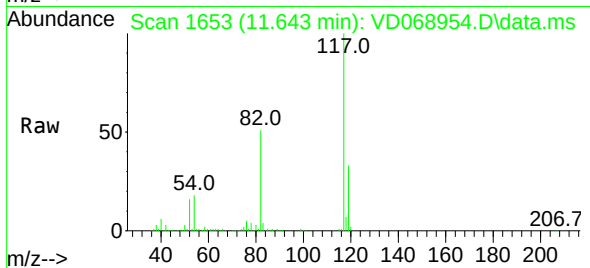




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068954.D
Acq: 22 Apr 2021 15:51

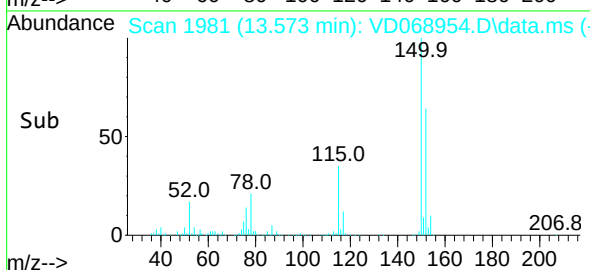
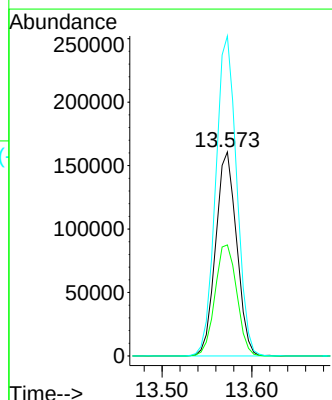
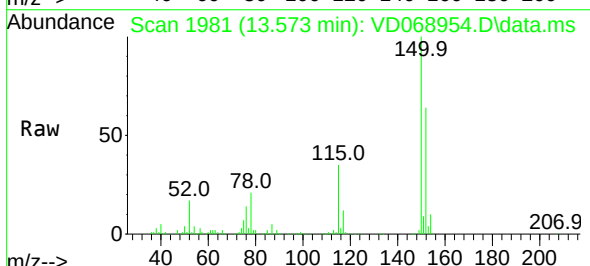
Instrument :
MSVOA_D
ClientSampled :

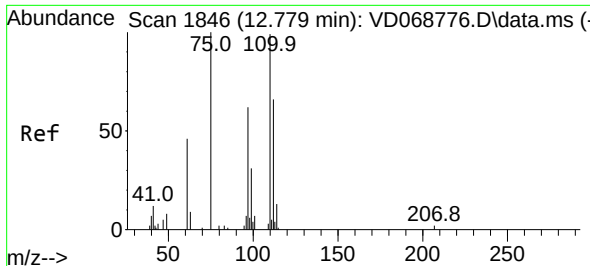
Tgt Ion:117 Resp: 543873
Ion Ratio Lower Upper
117 100
82 50.8 43.5 65.3
119 33.1 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068954.D
Acq: 22 Apr 2021 15:51

Tgt Ion:152 Resp: 260731
Ion Ratio Lower Upper
152 100
115 56.7 29.3 87.8
150 156.9 0.0 347.6

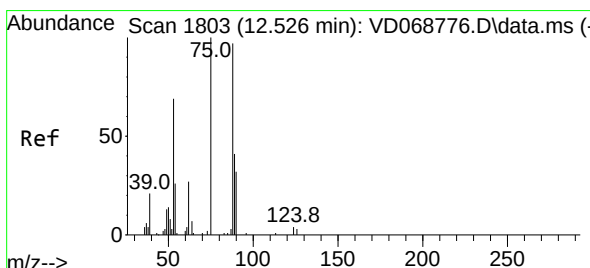
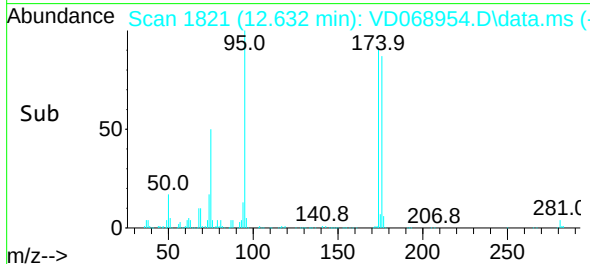
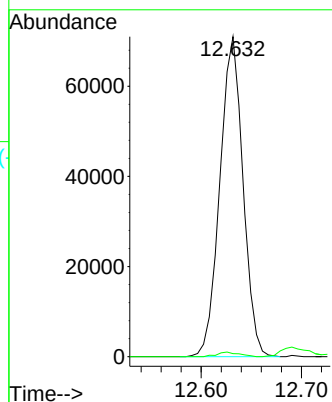
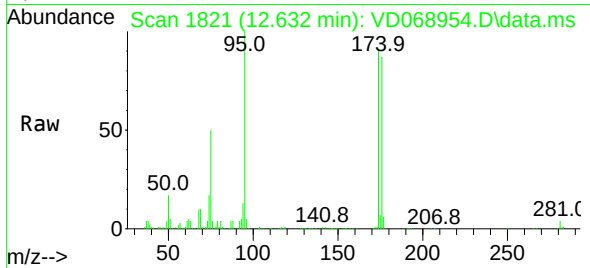




#76
1,2,3-Trichloropropane
Concen: 47.62 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068954.D
Acq: 22 Apr 2021 15:51

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75 Resp: 113424
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 110.51 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068954.D
Acq: 22 Apr 2021 15:51

Tgt Ion: 75 Resp: 113424
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.0 36.6 54.8#

