

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021521\
 Data File : VD068360.D
 Acq On : 15 Feb 2021 13:49
 Operator : VA/SY
 Sample : VD0215SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 16 00:14:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 12 13:30:51 2021
 Response via : Initial Calibration

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

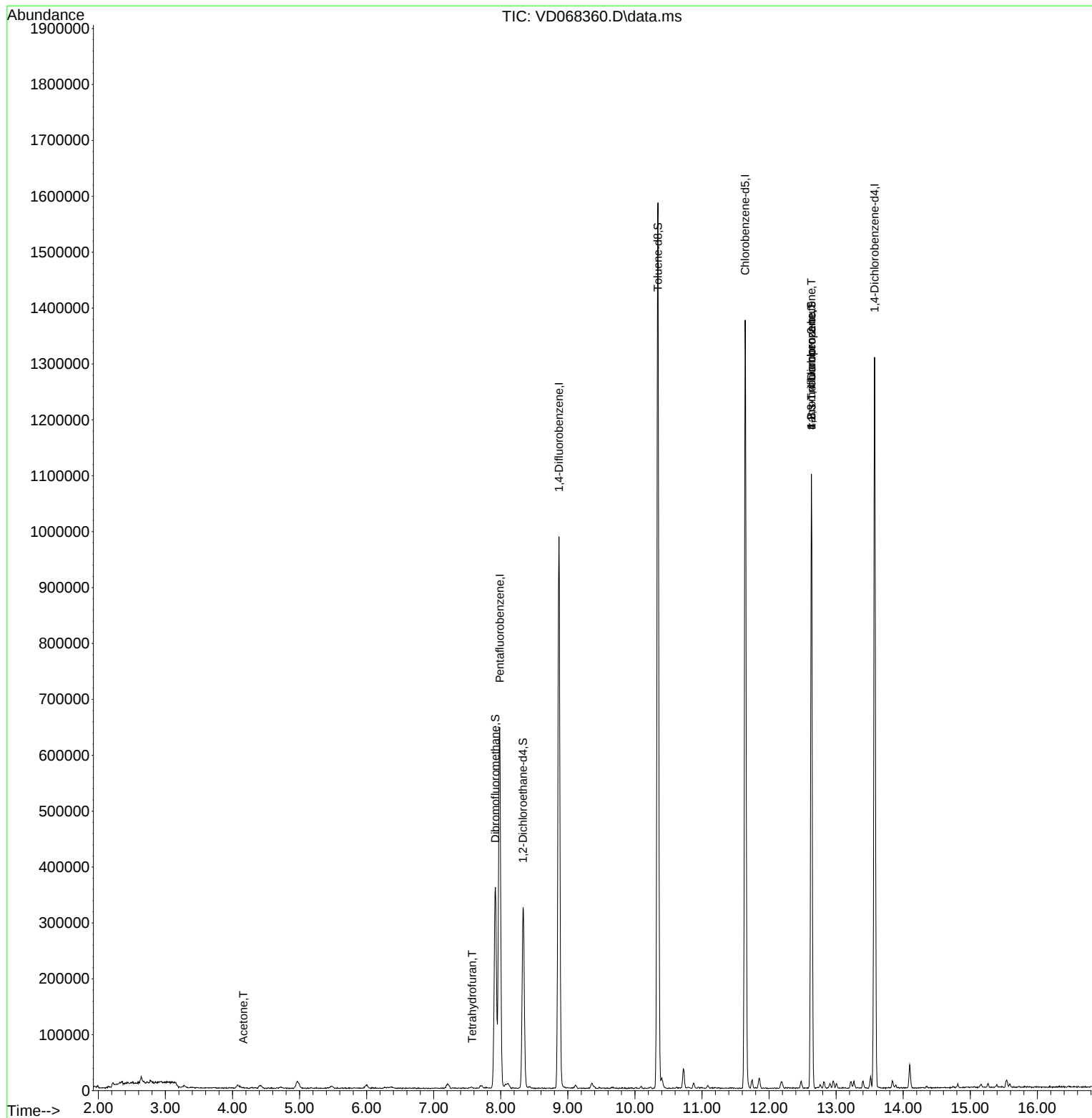
Internal Standards						
1) Pentafluorobenzene	7.985	168	488568	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	893452	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	812174	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	352874	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	259869	52.03	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.06%
35) Dibromofluoromethane	7.920	113	263372	49.66	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.32%
50) Toluene-d8	10.344	98	1120087	50.96	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.92%
62) 4-Bromofluorobenzene	12.632	95	347796	48.57	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.14%
Target Compounds						
					Qvalue	
16) Acetone	4.161	43	1092	1.42	ug/l #	44
20) Methylene Chloride	4.973	84	10273	Below Cal	#	84
29) Tetrahydrofuran	7.573	42	1080	1.55	ug/l #	79
76) 1,2,3-Trichloropropane	12.632	75	178771	53.24	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	178771	133.45	ug/l #	13

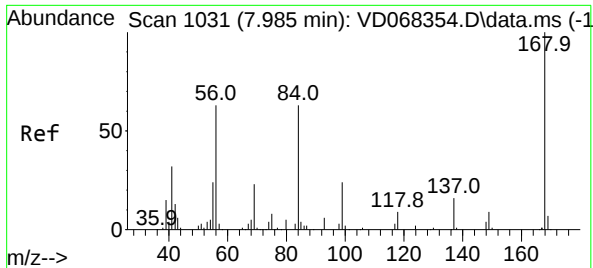
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 16 00:14:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 12 13:30:51 2021
Response via : Initial Calibration

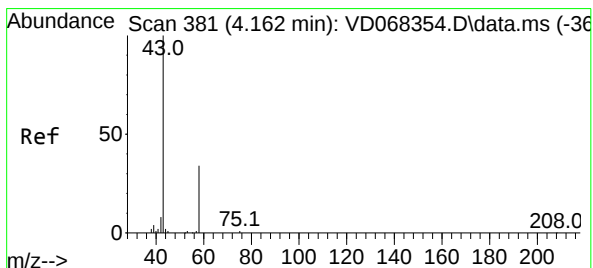
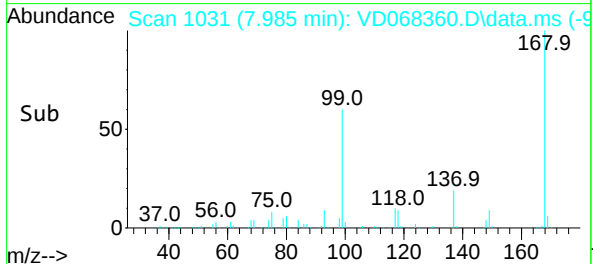
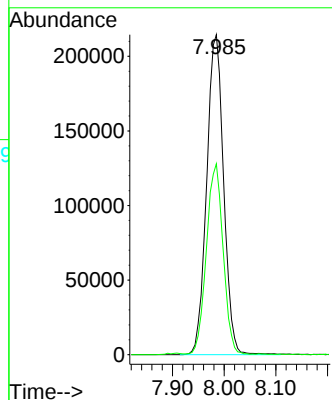
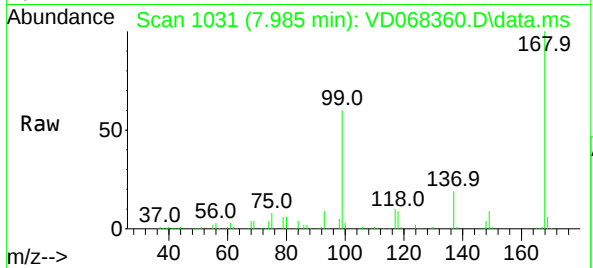




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068360.D
Acq: 15 Feb 2021 13:49

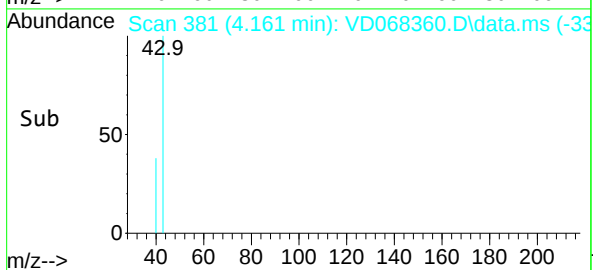
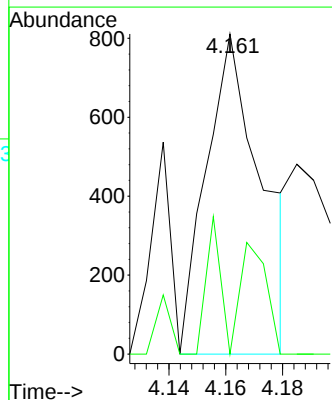
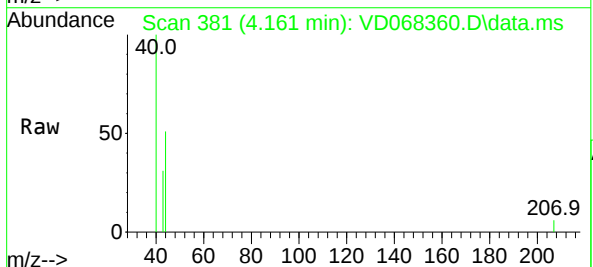
Instrument :
MSVOA_D
ClientSampled :

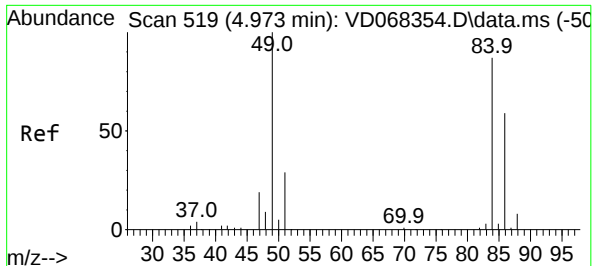
Tgt Ion:168 Resp: 488568
Ion Ratio Lower Upper
168 100
99 59.4 43.5 65.3



#16
Acetone
Concen: 1.42 ug/l
RT: 4.161 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD068360.D
Acq: 15 Feb 2021 13:49

Tgt Ion: 43 Resp: 1092
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.4#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.973 min Scan# 519

Delta R.T. 0.000 min

Lab File: VD068360.D

Acq: 15 Feb 2021 13:49

Tgt Ion: 84 Resp: 10273

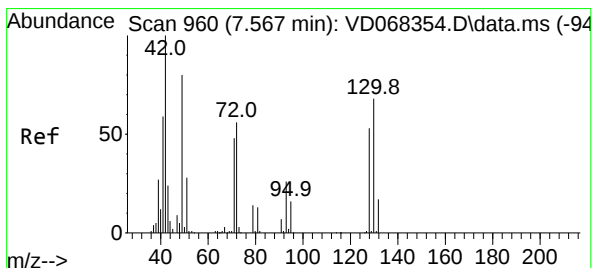
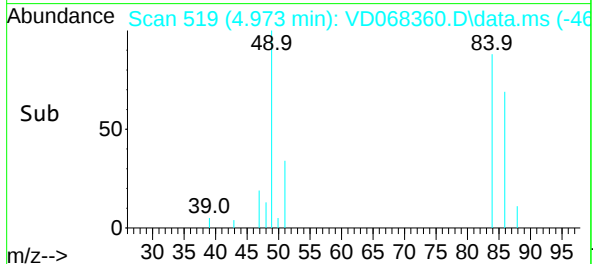
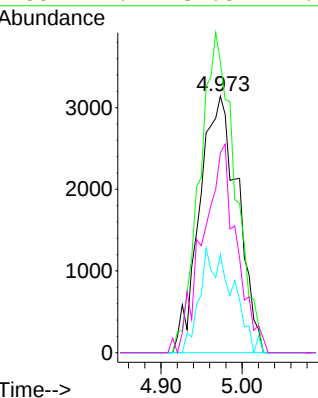
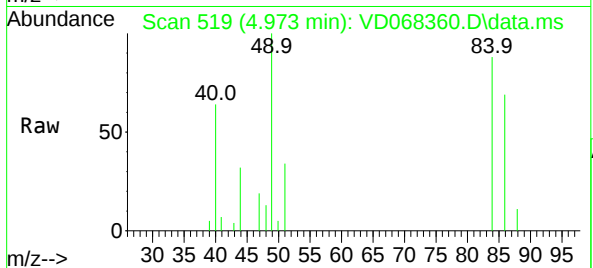
Ion Ratio Lower Upper

84 100

49 113.5 77.4 116.2

51 38.4 26.1 39.1

86 77.9 51.8 77.8#



#29

Tetrahydrofuran

Concen: 1.55 ug/l

RT: 7.573 min Scan# 961

Delta R.T. 0.006 min

Lab File: VD068360.D

Acq: 15 Feb 2021 13:49

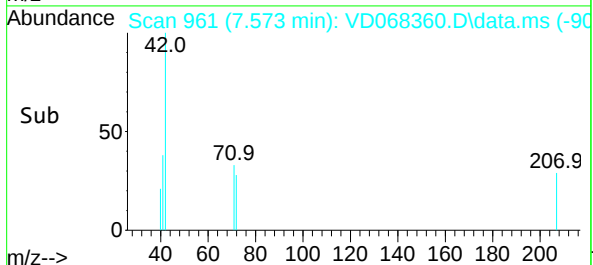
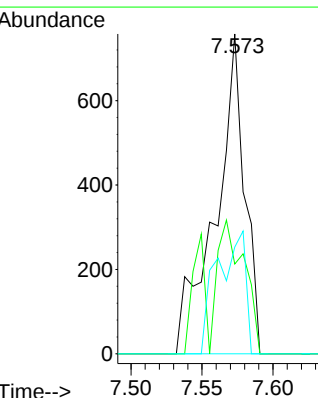
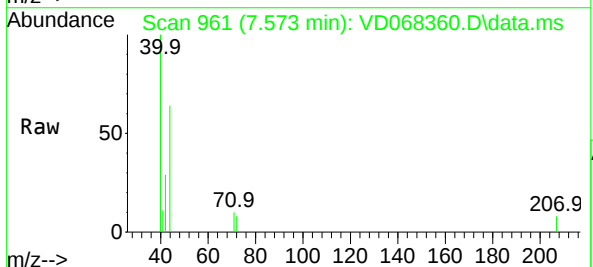
Tgt Ion: 42 Resp: 1080

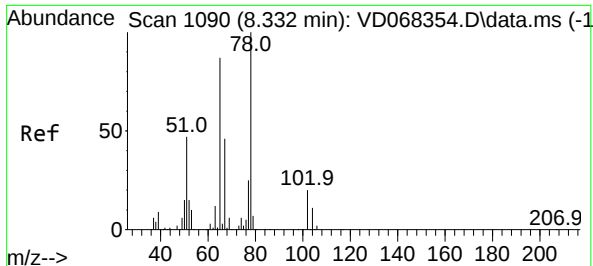
Ion Ratio Lower Upper

42 100

72 38.4 43.4 65.0#

71 37.3 40.8 61.2#



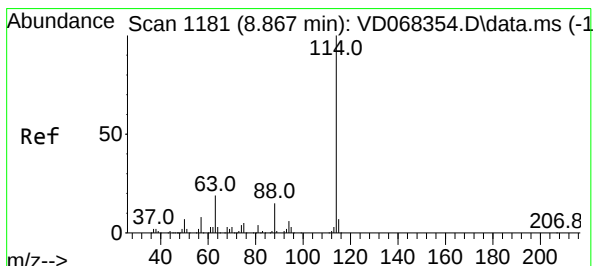
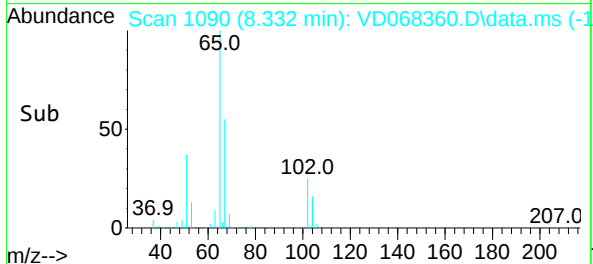
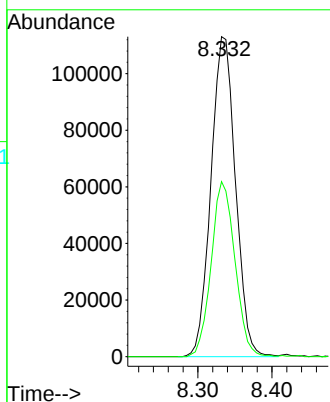
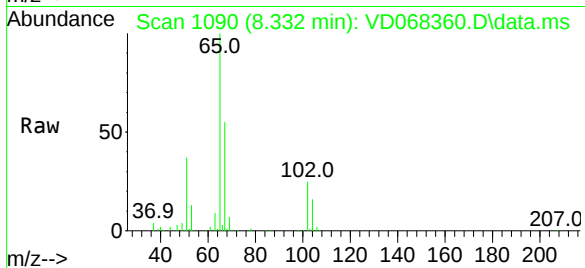


#33

1,2-Dichloroethane-d4
Concen: 52.03 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068360.D
Acq: 15 Feb 2021 13:49

Instrument :
MSVOA_D
ClientSampled :

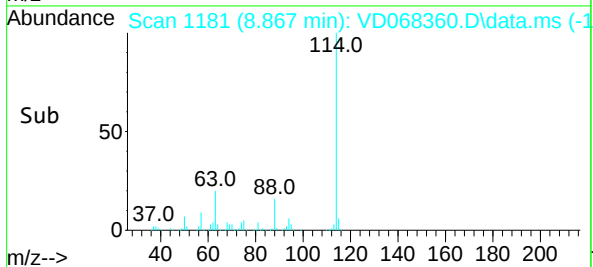
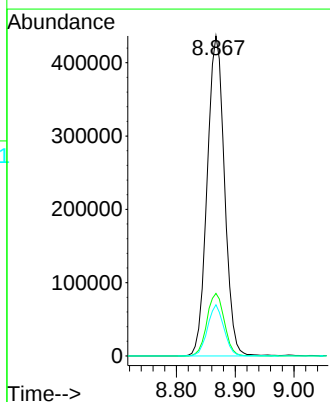
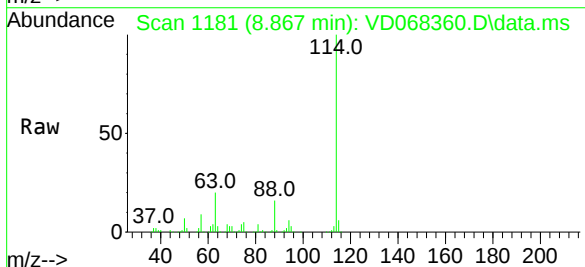
Tgt Ion: 65 Resp: 259869
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.0

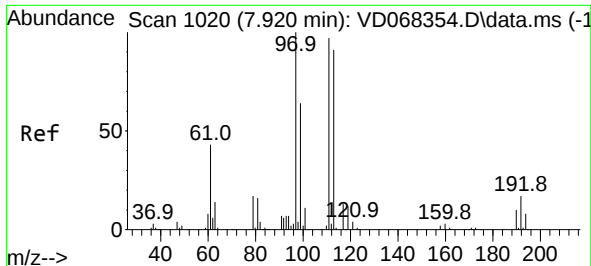


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068360.D
Acq: 15 Feb 2021 13:49

Tgt Ion: 114 Resp: 893452
Ion Ratio Lower Upper
114 100
63 19.6 0.0 34.8
88 16.0 0.0 31.6

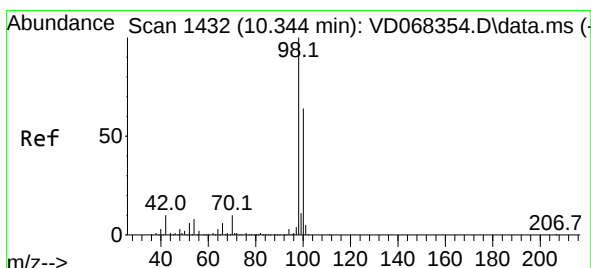
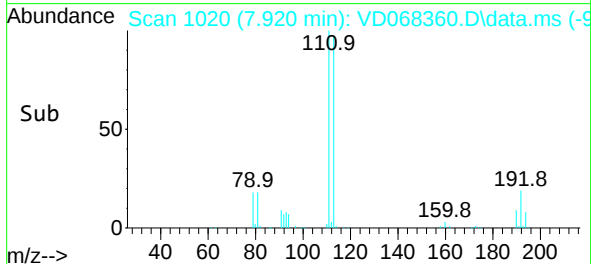
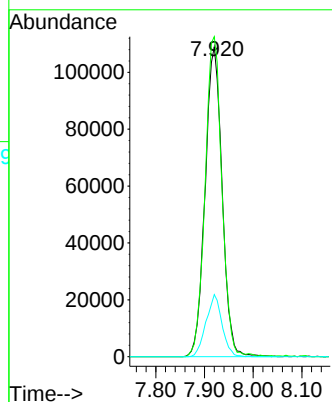
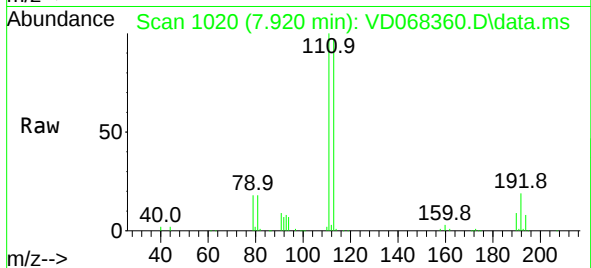




#35
Dibromofluoromethane
Concen: 49.66 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068360.D
Acq: 15 Feb 2021 13:49

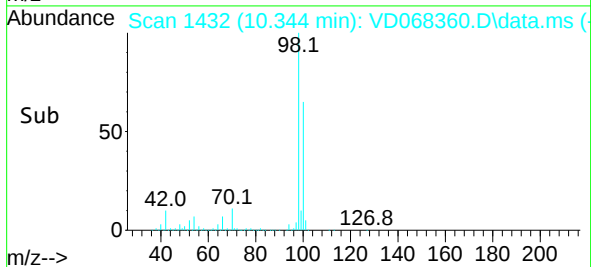
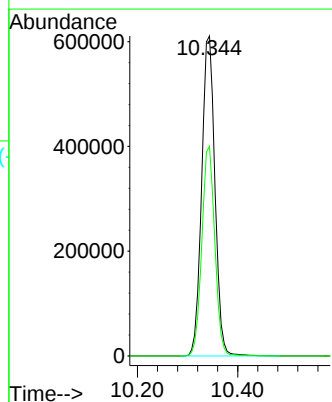
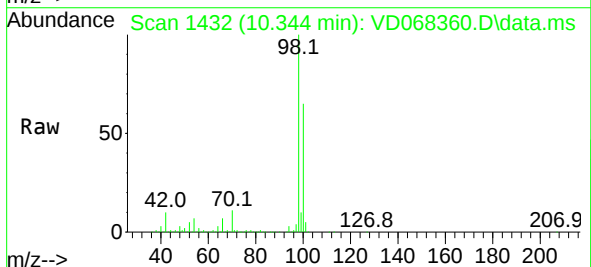
Instrument :
MSVOA_D
ClientSampleId :

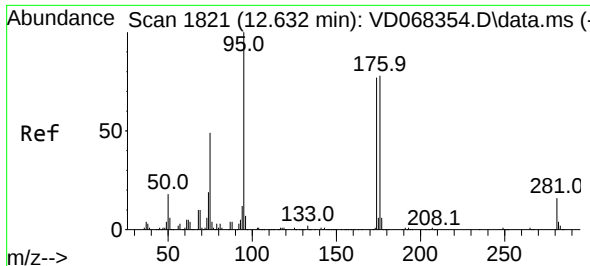
Tgt Ion:113 Resp: 263372
Ion Ratio Lower Upper
113 100
111 101.6 81.4 122.0
192 18.8 16.1 24.1



#50
Toluene-d8
Concen: 50.96 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068360.D
Acq: 15 Feb 2021 13:49

Tgt Ion: 98 Resp: 1120087
Ion Ratio Lower Upper
98 100
100 64.4 53.0 79.4

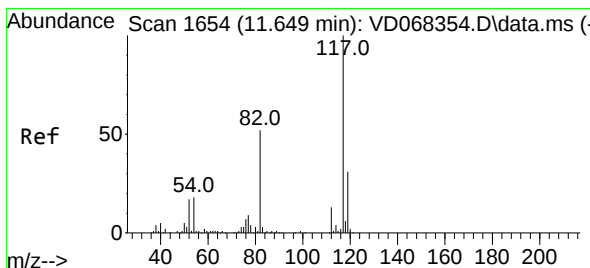
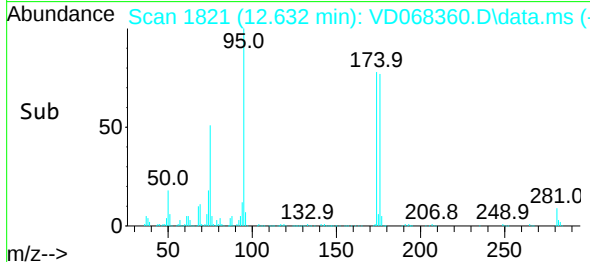
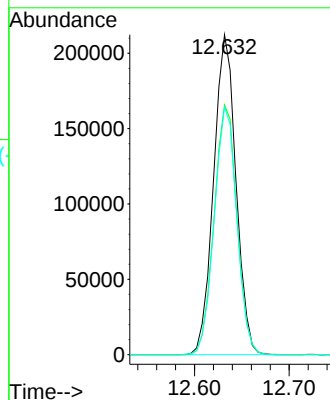
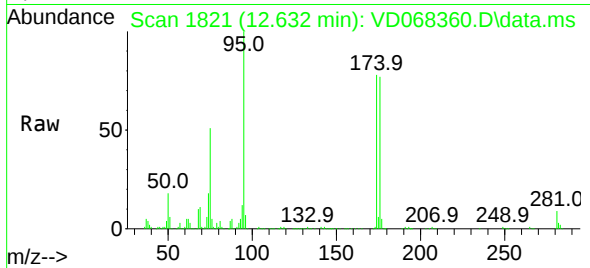




#62
4-Bromofluorobenzene
Concen: 48.57 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068360.D
Acq: 15 Feb 2021 13:49

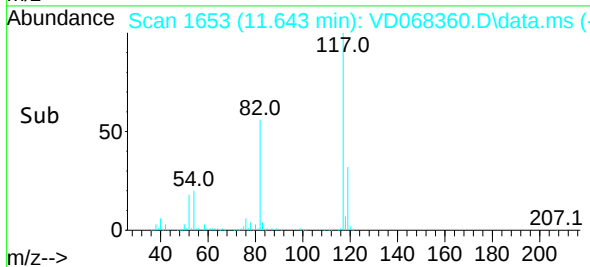
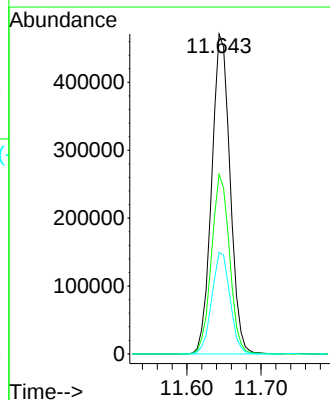
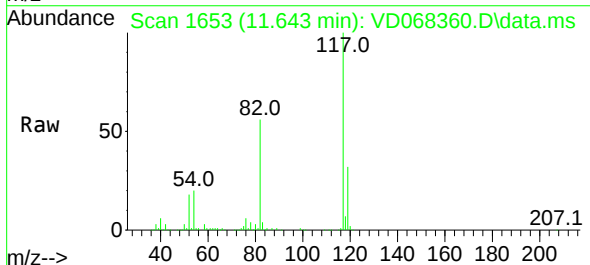
Instrument :
MSVOA_D
ClientSampleId :

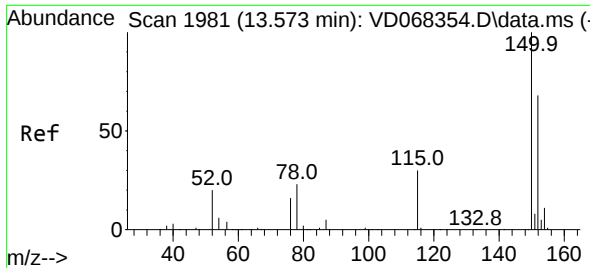
Tgt Ion: 95 Resp: 347796
Ion Ratio Lower Upper
95 100
174 79.6 0.0 172.4
176 78.2 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068360.D
Acq: 15 Feb 2021 13:49

Tgt Ion:117 Resp: 812174
Ion Ratio Lower Upper
117 100
82 56.1 41.4 62.0
119 31.7 26.1 39.1

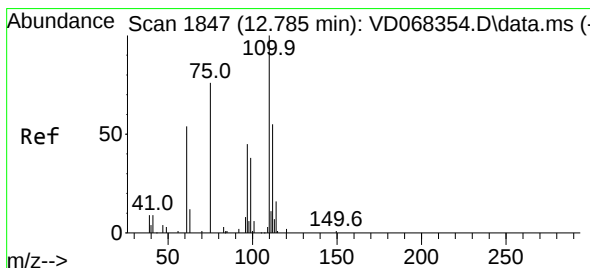
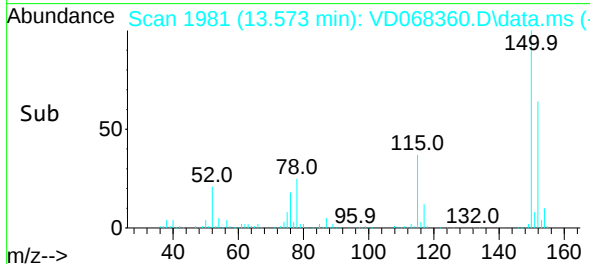
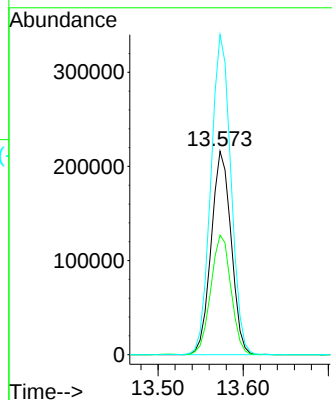
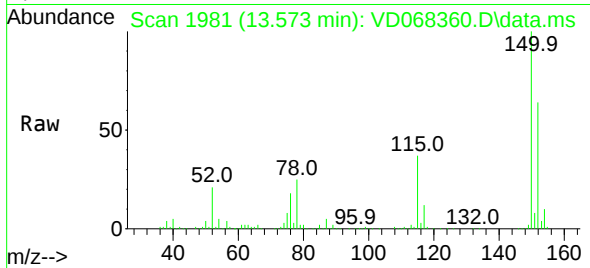




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068360.D
Acq: 15 Feb 2021 13:49

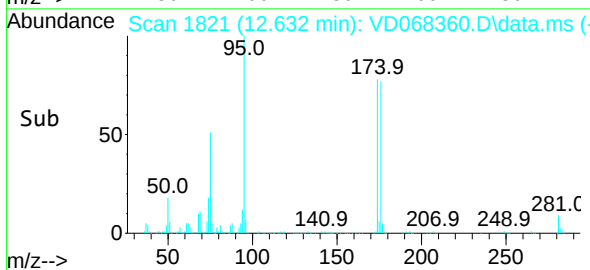
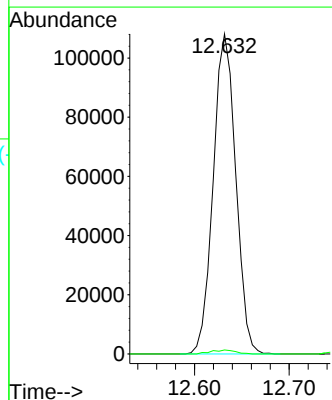
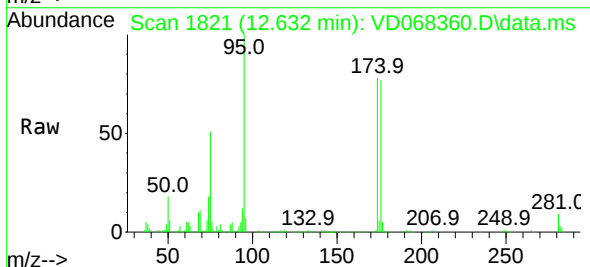
Instrument :
MSVOA_D
ClientSampled :

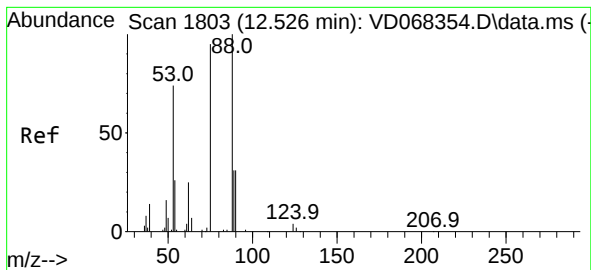
Tgt Ion:152 Resp: 352874
Ion Ratio Lower Upper
152 100
115 59.4 28.9 86.8
150 157.8 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 53.24 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068360.D
Acq: 15 Feb 2021 13:49

Tgt Ion: 75 Resp: 178771
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 133.45 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068360.D
Acq: 15 Feb 2021 13:49

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 178771
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.0 40.3 60.5#

