

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010621\
 Data File : VD068014.D
 Acq On : 06 Jan 2021 15:28
 Operator : VA/SY
 Sample : M1020-01
 Misc : 6.96G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 356

Quant Time: Jan 07 00:10:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 23 07:34:16 2020
 Response via : Initial Calibration

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

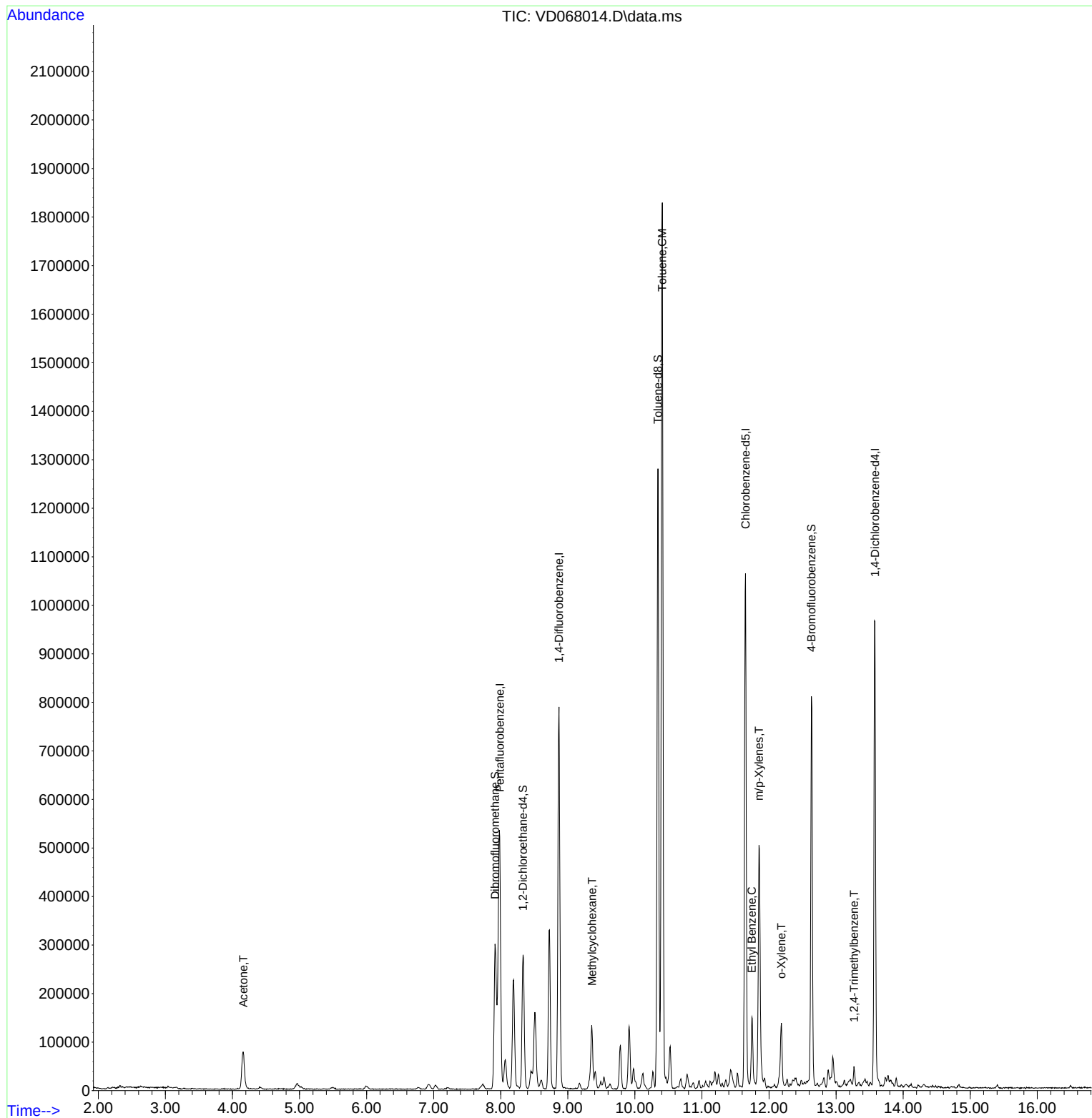
Internal Standards						
1) Pentafluorobenzene	7.985	168	341568	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	681704	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.650	117	617142	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	258100	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	220424	59.76	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.52%
35) Dibromofluoromethane	7.914	113	216110	50.31	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.62%
50) Toluene-d8	10.344	98	844308	52.30	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.60%
62) 4-Bromofluorobenzene	12.632	95	277648	50.27	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.54%
Target Compounds						
					Qvalue	
16) Acetone	4.162	43	138533	196.72	ug/l	95
39) Methylcyclohexane	9.361	83	39930	4.81	ug/l	93
52) Toluene	10.408	92	792505	61.08	ug/l	100
67) Ethyl Benzene	11.744	91	99791	4.20	ug/l	100
68) m/p-Xylenes	11.850	106	142063	15.70	ug/l	98
69) o-Xylene	12.185	106	32729	4.04	ug/l	88
84) 1,2,4-Trimethylbenzene	13.267	105	21610	1.35	ug/l	99

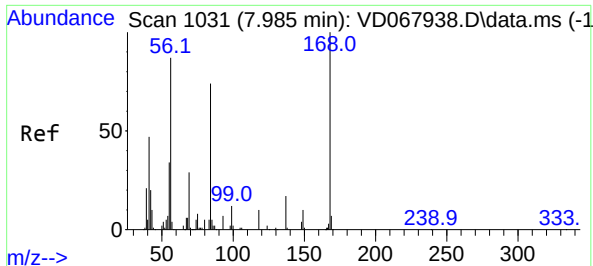
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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356

Quant Time: Jan 07 00:10:34 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 23 07:34:16 2020
Response via : Initial Calibration

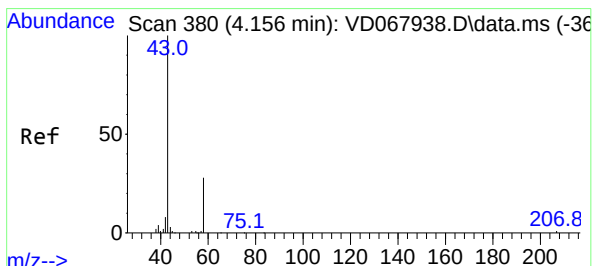
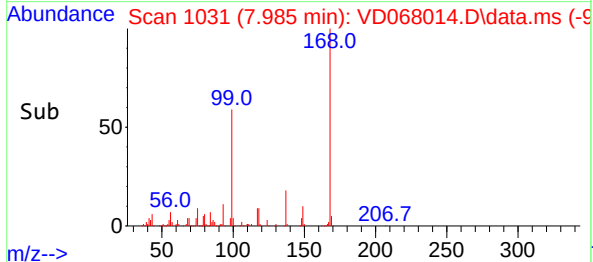
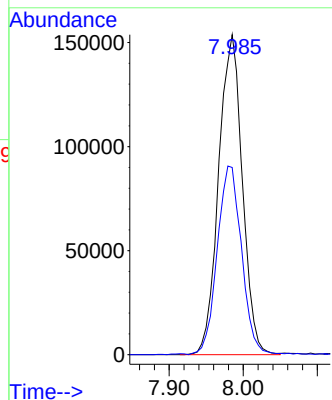
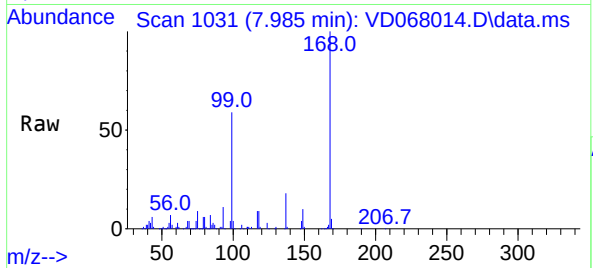




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD068014.D
Acq: 06 Jan 2021 15:28

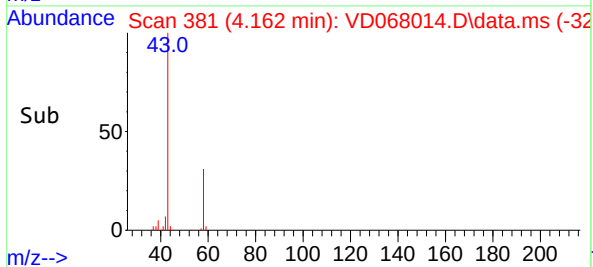
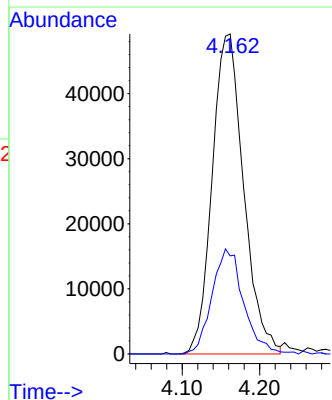
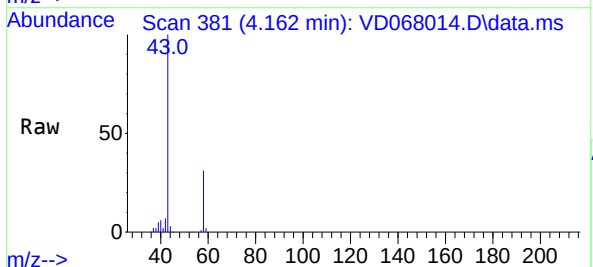
Instrument :
MSVOA_D
ClientSampleId :
356

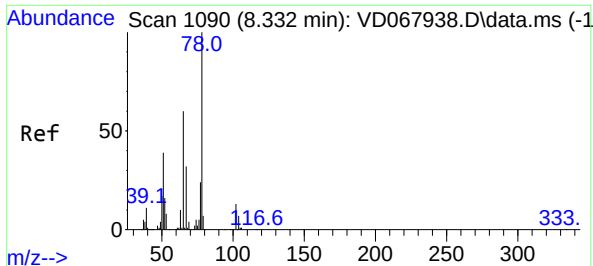
Tgt Ion:168 Resp: 341568
Ion Ratio Lower Upper
168 100
99 58.2 48.0 72.0



#16
Acetone
Concen: 196.72 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD068014.D
Acq: 06 Jan 2021 15:28

Tgt Ion: 43 Resp: 138533
Ion Ratio Lower Upper
43 100
58 30.7 22.3 33.5

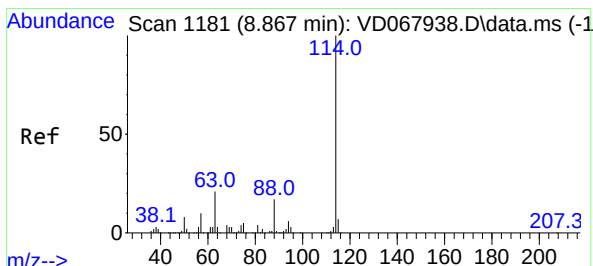
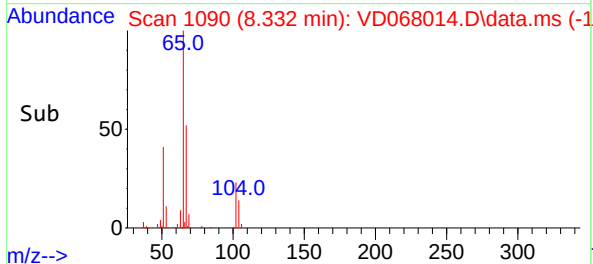
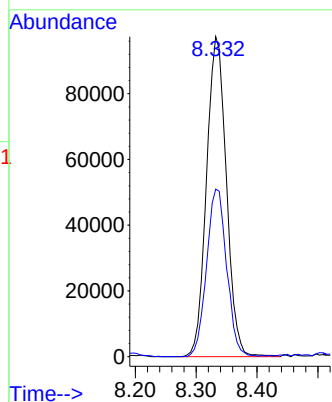
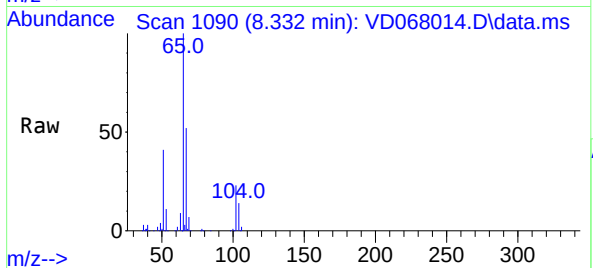




#33
1,2-Dichloroethane-d4
Concen: 59.76 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068014.D
Acq: 06 Jan 2021 15:28

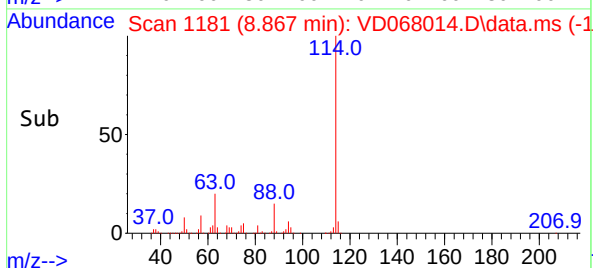
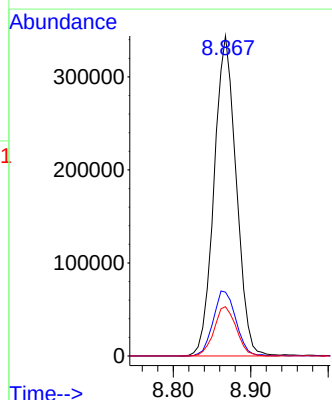
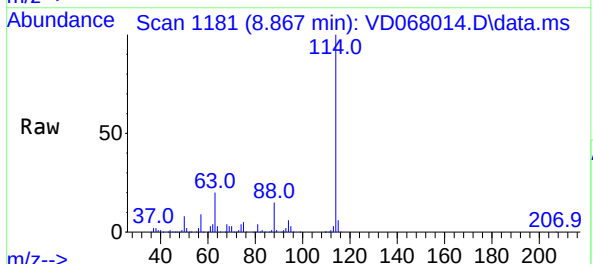
Instrument :
MSVOA_D
ClientSampled :
356

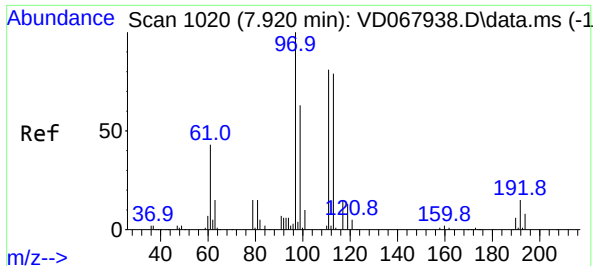
Tgt Ion: 65 Resp: 220424
Ion Ratio Lower Upper
65 100
67 53.0 0.0 110.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068014.D
Acq: 06 Jan 2021 15:28

Tgt Ion: 114 Resp: 681704
Ion Ratio Lower Upper
114 100
63 20.0 0.0 41.4
88 15.4 0.0 33.2

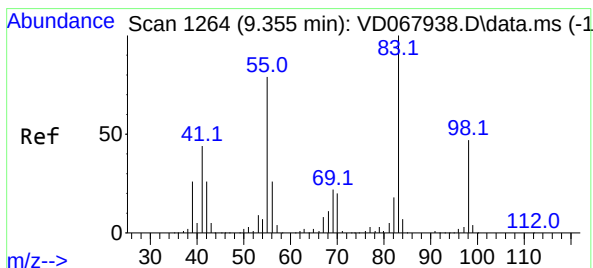
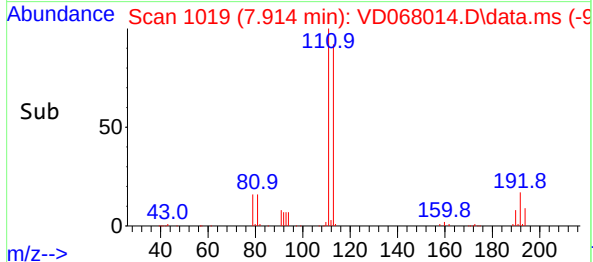
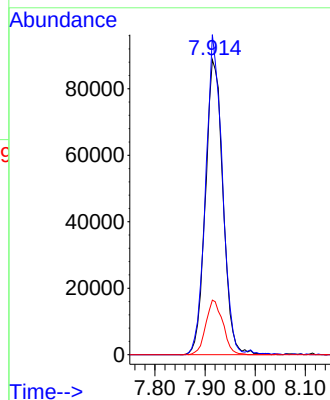
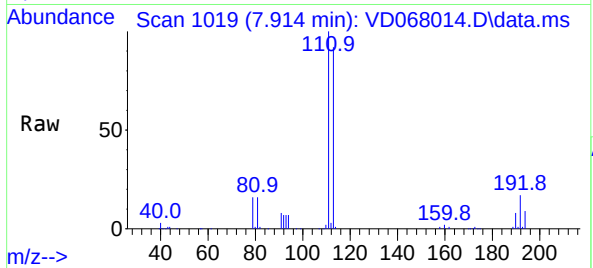




#35
Dibromofluoromethane
Concen: 50.31 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068014.D
Acq: 06 Jan 2021 15:28

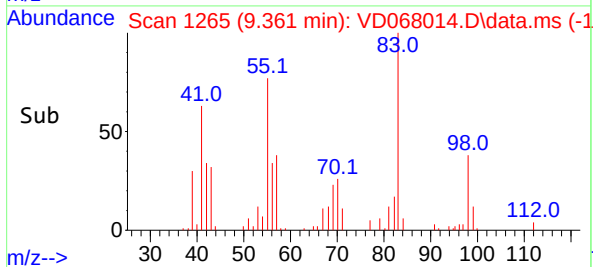
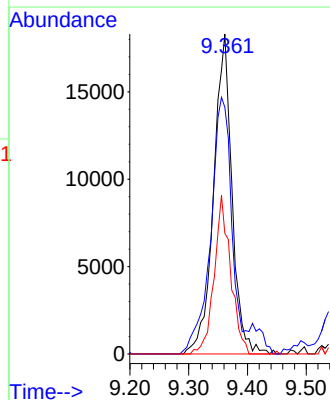
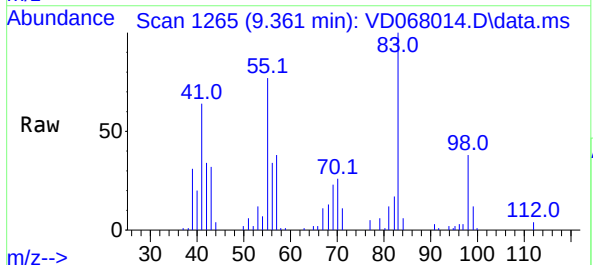
Instrument :
MSVOA_D
ClientSampled :
356

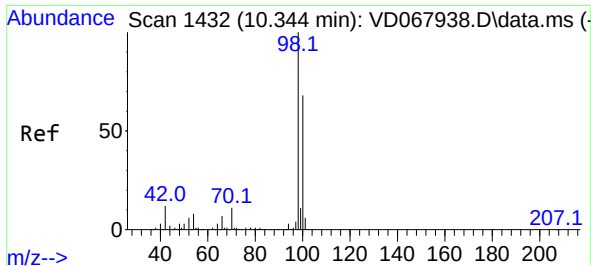
Tgt Ion:113 Resp: 216110
Ion Ratio Lower Upper
113 100
111 102.8 79.3 118.9
192 18.0 14.5 21.7



#39
Methylcyclohexane
Concen: 4.81 ug/l
RT: 9.361 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VD068014.D
Acq: 06 Jan 2021 15:28

Tgt Ion: 83 Resp: 39930
Ion Ratio Lower Upper
83 100
55 77.1 63.5 95.3
98 37.7 37.3 55.9

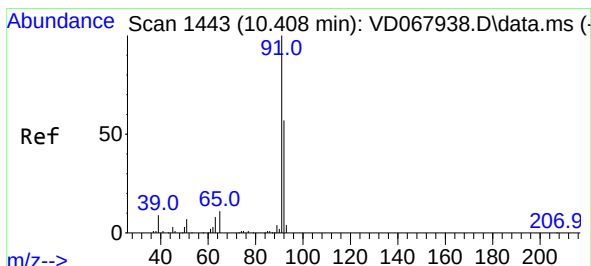
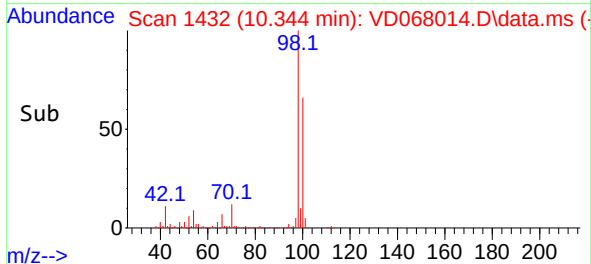
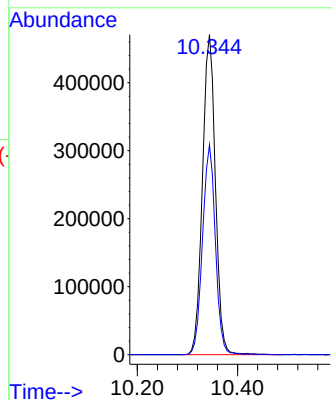
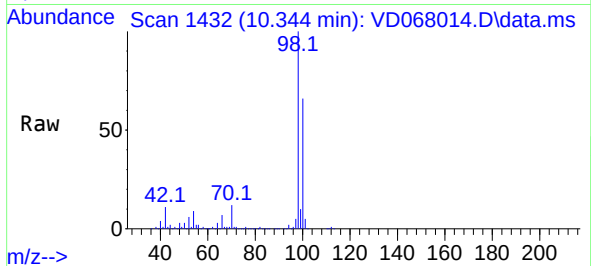




#50
Toluene-d8
Concen: 52.30 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068014.D
Acq: 06 Jan 2021 15:28

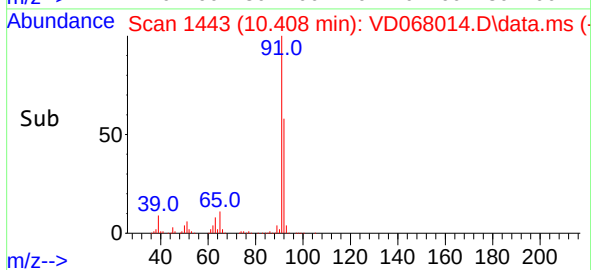
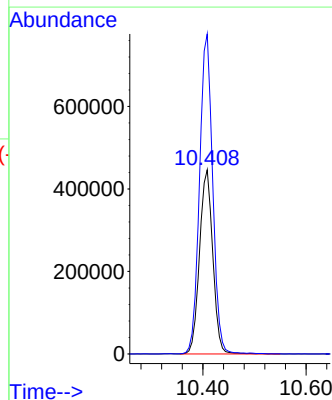
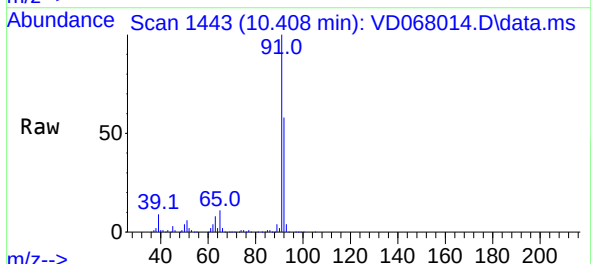
Instrument :
MSVOA_D
ClientSampleId :
356

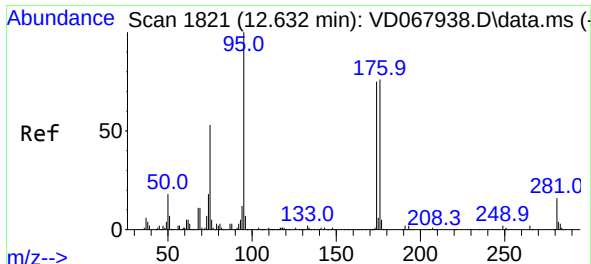
Tgt Ion: 98 Resp: 844308
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7



#52
Toluene
Concen: 61.08 ug/l
RT: 10.408 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VD068014.D
Acq: 06 Jan 2021 15:28

Tgt Ion: 92 Resp: 792505
Ion Ratio Lower Upper
92 100
91 172.6 138.5 207.7



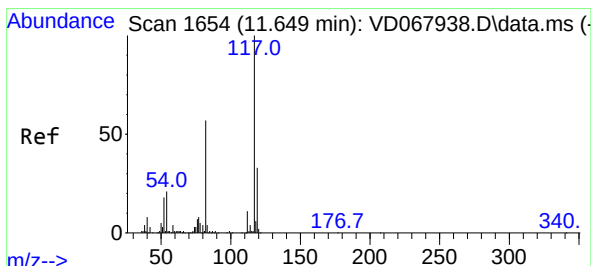
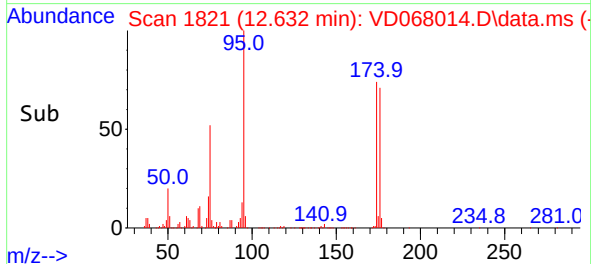
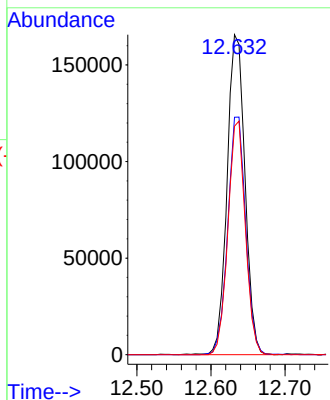
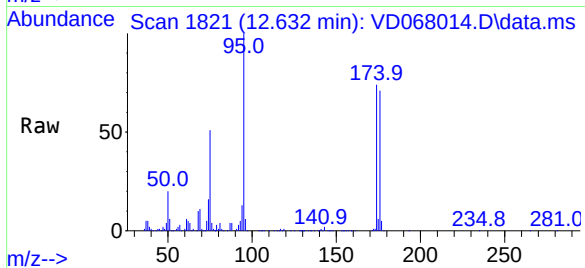


#62
4-Bromofluorobenzene
Concen: 50.27 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068014.D
Acq: 06 Jan 2021 15:28

Instrument :
MSVOA_D
ClientSampleId :
356

Tgt Ion: 95 Resp: 277648

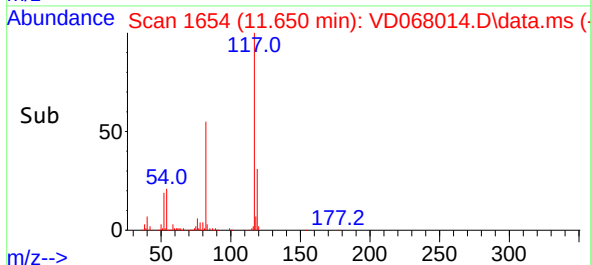
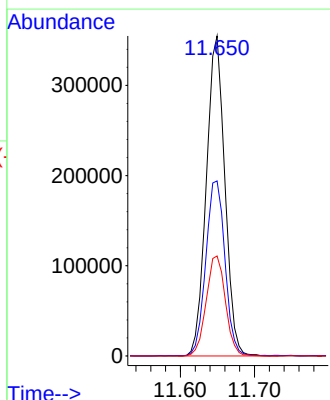
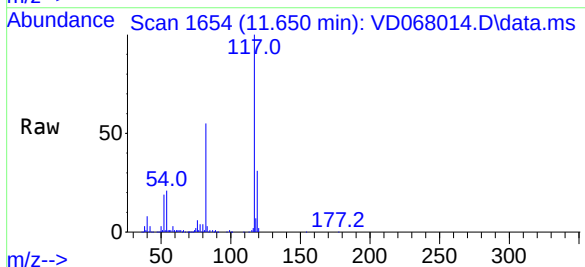
Ion	Ratio	Lower	Upper
95	100		
174	74.4	0.0	150.6
176	70.9	0.0	151.2

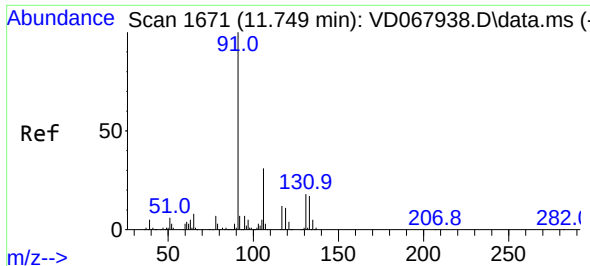


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.650 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068014.D
Acq: 06 Jan 2021 15:28

Tgt Ion: 117 Resp: 617142

Ion	Ratio	Lower	Upper
117	100		
82	54.6	45.4	68.0
119	31.3	26.7	40.1

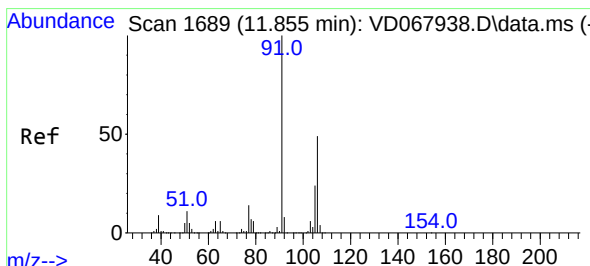
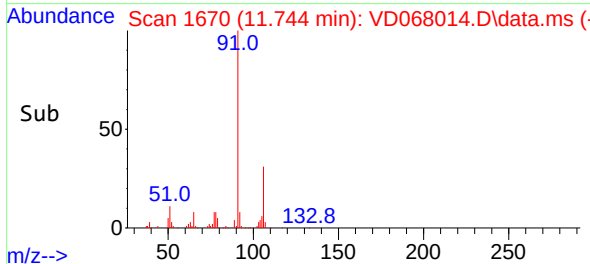
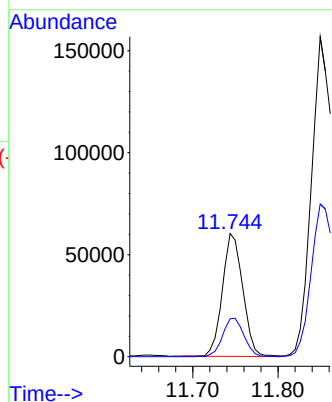
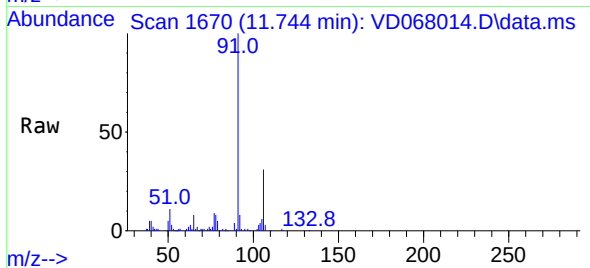




#67
Ethyl Benzene
Concen: 4.20 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. -0.006 min
Lab File: VD068014.D
Acq: 06 Jan 2021 15:28

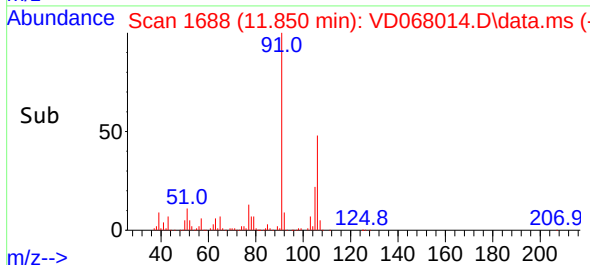
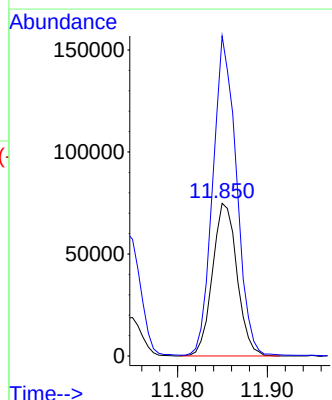
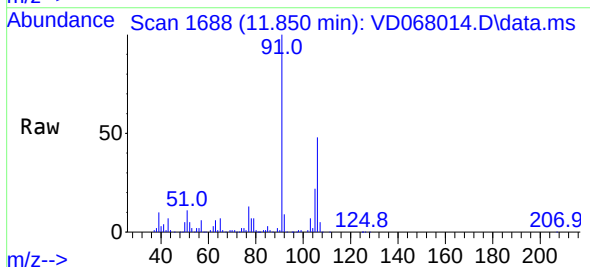
Instrument :
MSVOA_D
ClientSampled :
356

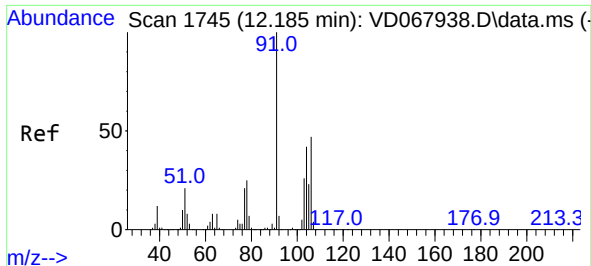
Tgt Ion: 91 Resp: 99791
Ion Ratio Lower Upper
91 100
106 30.9 24.6 37.0



#68
m/p-Xylenes
Concen: 15.70 ug/l
RT: 11.850 min Scan# 1688
Delta R.T. -0.006 min
Lab File: VD068014.D
Acq: 06 Jan 2021 15:28

Tgt Ion:106 Resp: 142063
Ion Ratio Lower Upper
106 100
91 202.5 159.9 239.9

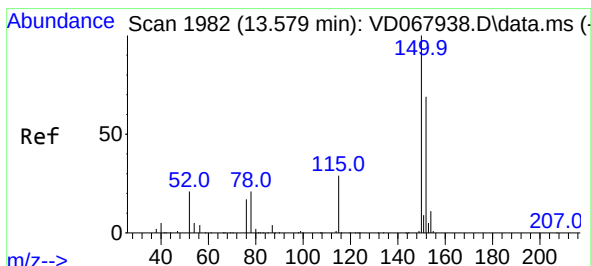
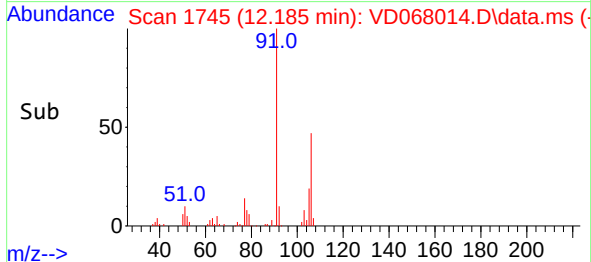
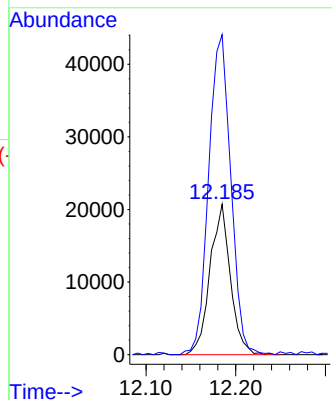
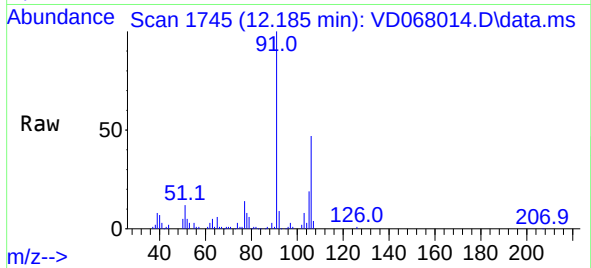




#69
o-Xylene
Concen: 4.04 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD068014.D
Acq: 06 Jan 2021 15:28

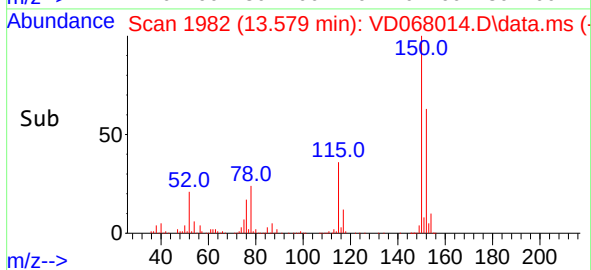
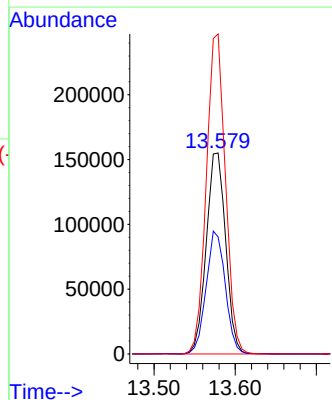
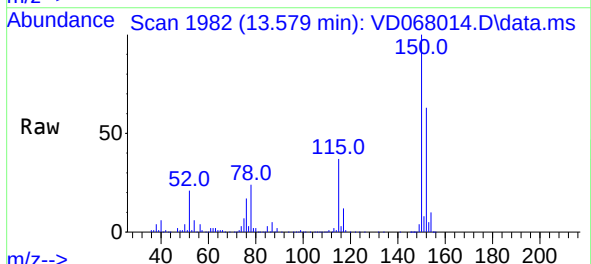
Instrument :
MSVOA_D
ClientSampled :
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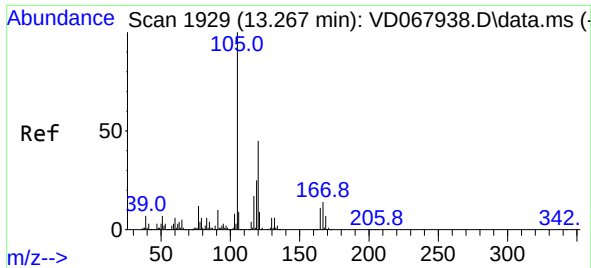
Tgt Ion:106 Resp: 32729
Ion Ratio Lower Upper
106 100
91 230.9 106.0 317.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VD068014.D
Acq: 06 Jan 2021 15:28

Tgt Ion:152 Resp: 258100
Ion Ratio Lower Upper
152 100
115 60.3 29.3 88.0
150 155.8 0.0 340.0





#84
 1,2,4-Trimethylbenzene
 Concen: 1.35 ug/l
 RT: 13.267 min Scan# 1929
 Delta R.T. 0.000 min
 Lab File: VD068014.D
 Acq: 06 Jan 2021 15:28

Instrument :
 MSVOA_D
 ClientSampleId :
 356

Tgt Ion:105 Resp: 21610
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.7 68.0

