

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010621\
 Data File : VD068015.D
 Acq On : 06 Jan 2021 15:55
 Operator : VA/SY
 Sample : M1019-01
 Misc : 5.68G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20410

Quant Time: Jan 07 00:10:54 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)

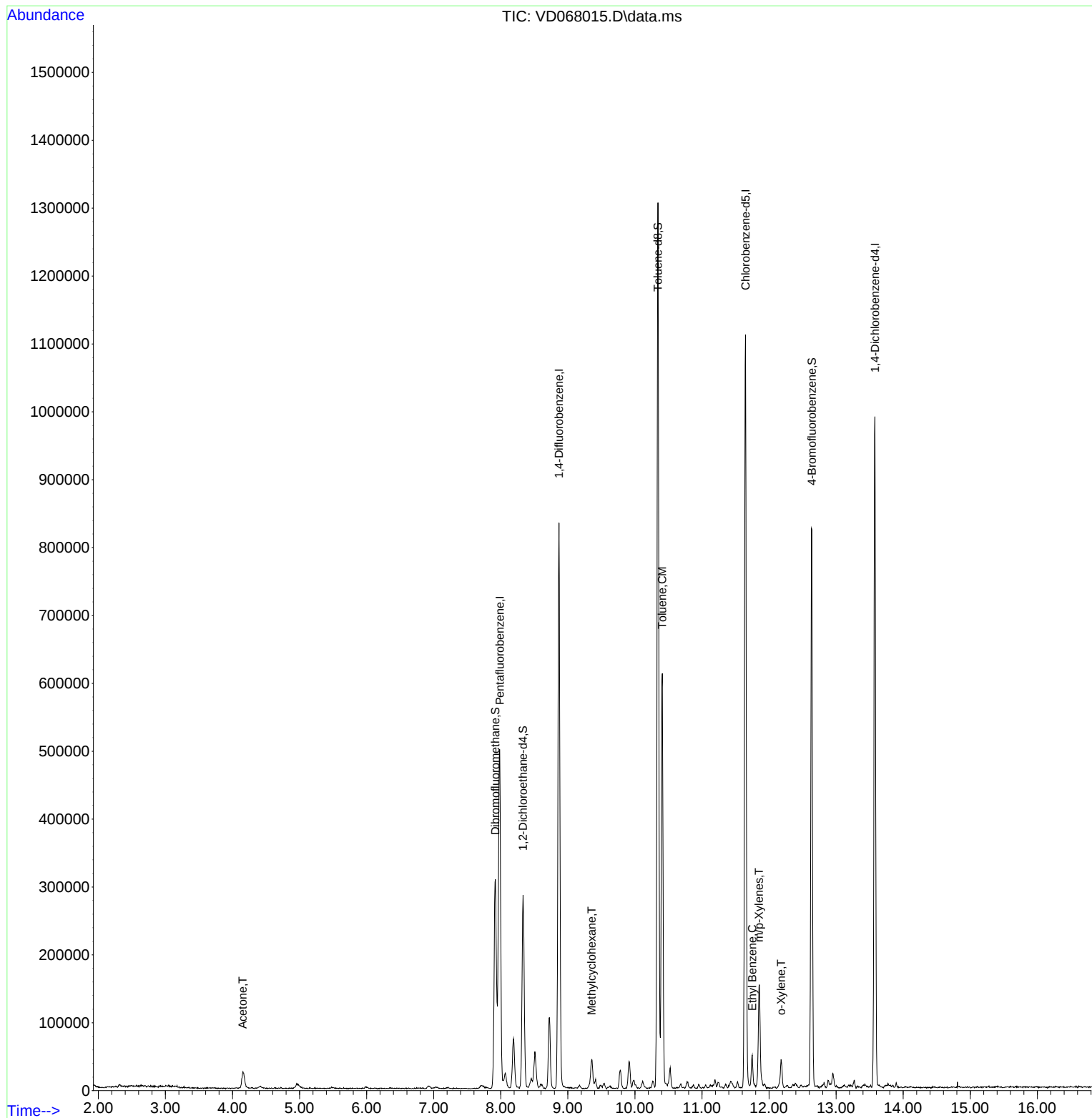
Internal Standards						
1) Pentafluorobenzene	7.985	168	341329	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	706636	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	639360	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	256751	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	225359	61.14	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 122.28%		
35) Dibromofluoromethane	7.920	113	227155	51.02	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 102.04%		
50) Toluene-d8	10.344	98	873438	52.19	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 104.38%		
62) 4-Bromofluorobenzene	12.638	95	280854	49.06	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 98.12%		
Target Compounds						
16) Acetone	4.150	43	44500	63.24	ug/l	Qvalue 94
39) Methylcyclohexane	9.355	83	13058	1.52	ug/l #	78
52) Toluene	10.408	92	263637	19.60	ug/l	99
67) Ethyl Benzene	11.749	91	32134	1.31	ug/l	94
68) m/p-Xylenes	11.849	106	41827	4.46	ug/l	100
69) o-Xylene	12.179	106	10794	1.29	ug/l	90

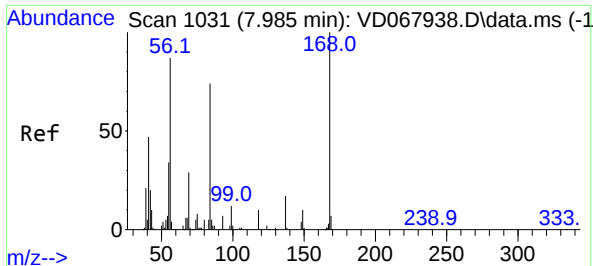
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Dec 23 07:34:16 2020
Response via : Initial Calibration

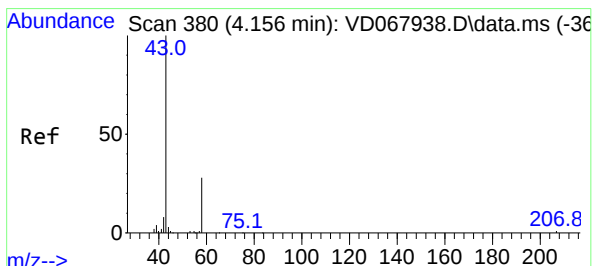
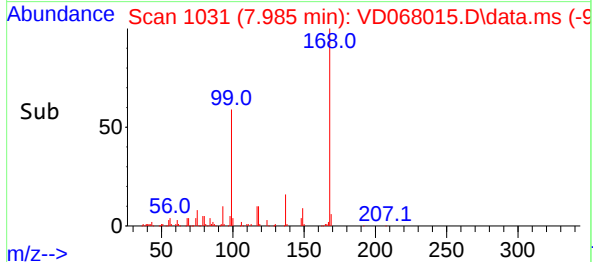
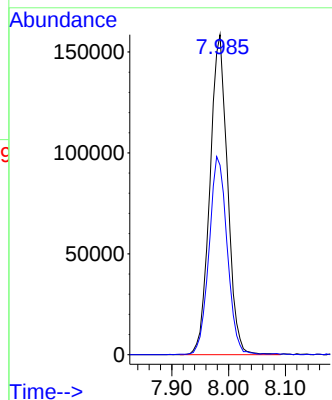
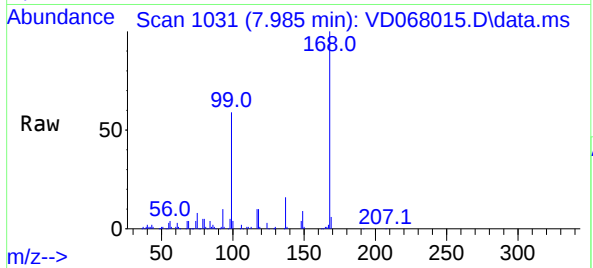




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068015.D
Acq: 06 Jan 2021 15:55

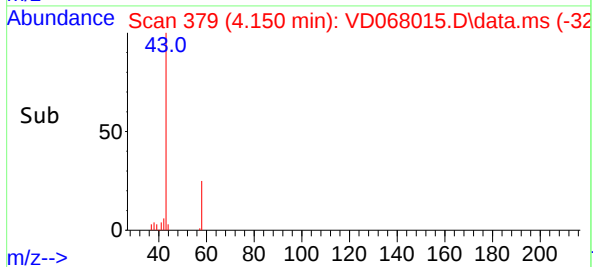
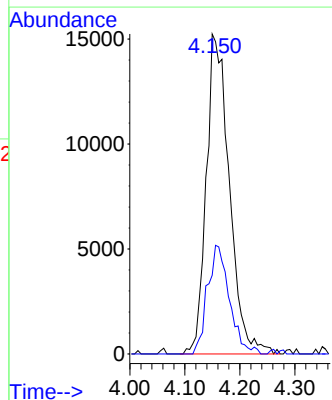
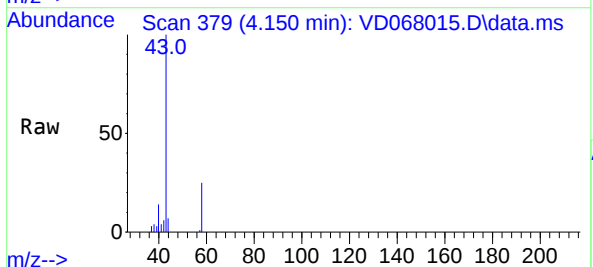
Instrument :
MSVOA_D
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20410

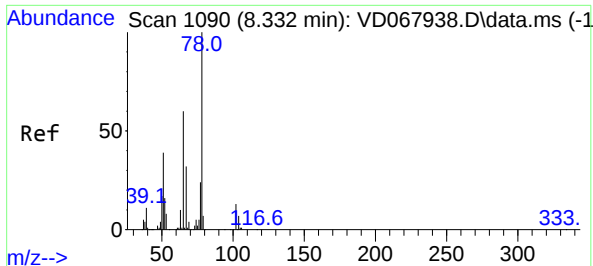
Tgt Ion:168 Resp: 341329
Ion Ratio Lower Upper
168 100
99 59.1 48.0 72.0



#16
Acetone
Concen: 63.24 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD068015.D
Acq: 06 Jan 2021 15:55

Tgt Ion: 43 Resp: 44500
Ion Ratio Lower Upper
43 100
58 24.6 22.3 33.5

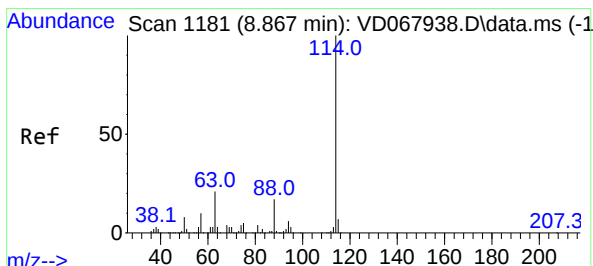
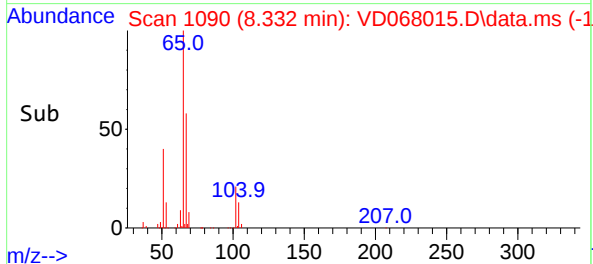
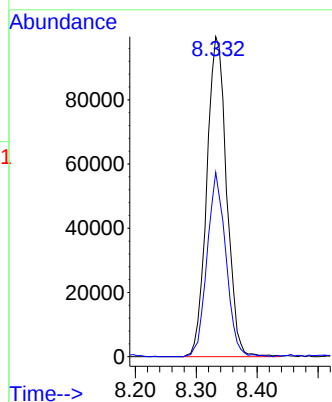
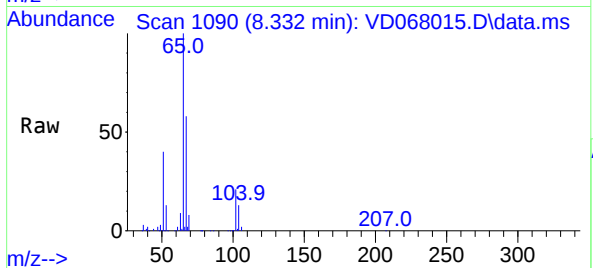




#33
1,2-Dichloroethane-d4
Concen: 61.14 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068015.D
Acq: 06 Jan 2021 15:55

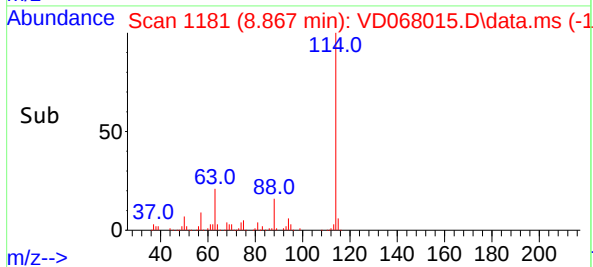
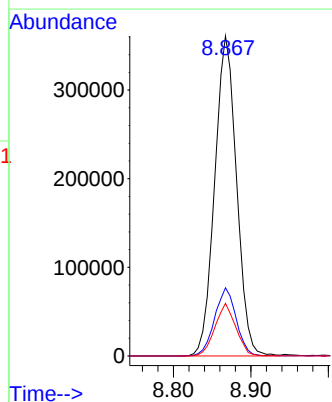
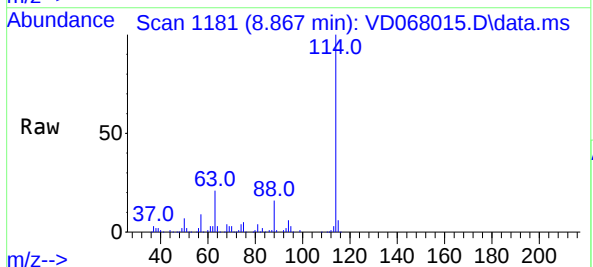
Instrument :
MSVOA_D
ClientSampleId :
20410

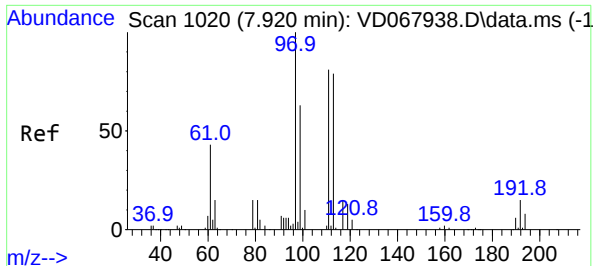
Tgt Ion: 65 Resp: 225359
Ion Ratio Lower Upper
65 100
67 54.6 0.0 110.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068015.D
Acq: 06 Jan 2021 15:55

Tgt Ion: 114 Resp: 706636
Ion Ratio Lower Upper
114 100
63 21.3 0.0 41.4
88 16.4 0.0 33.2

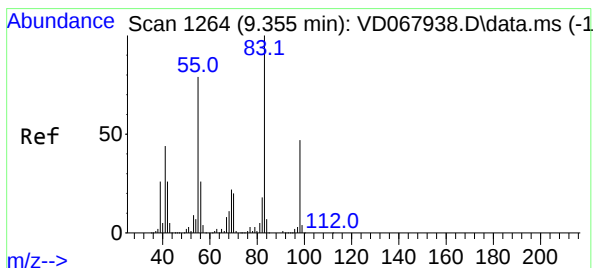
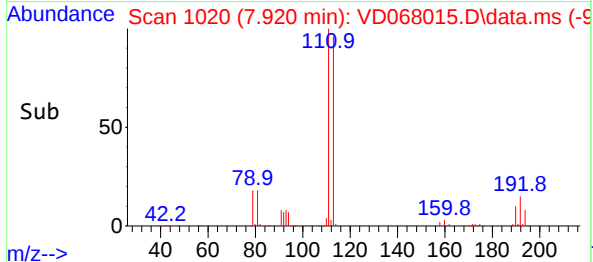
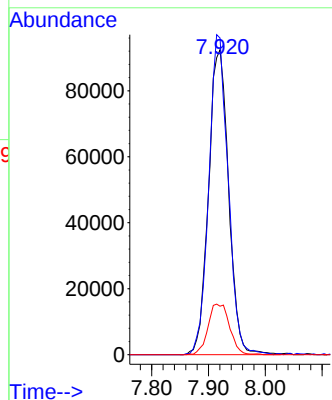
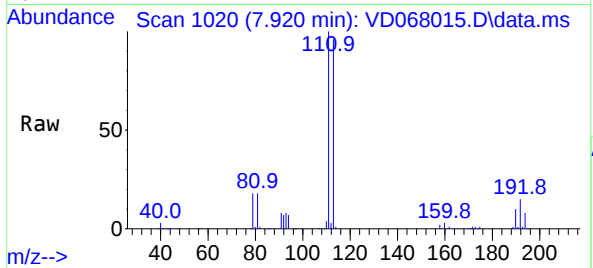




#35
Dibromofluoromethane
Concen: 51.02 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068015.D
Acq: 06 Jan 2021 15:55

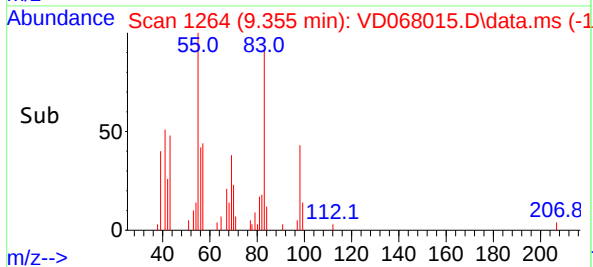
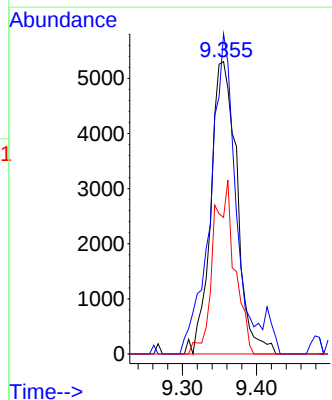
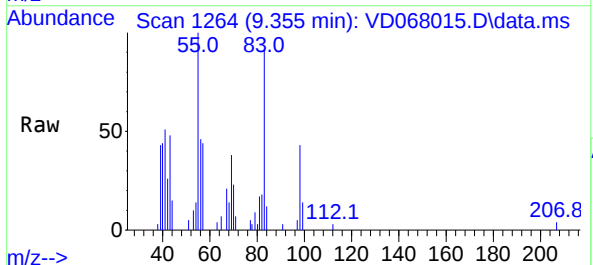
Instrument :
MSVOA_D
ClientSampleId :
20410

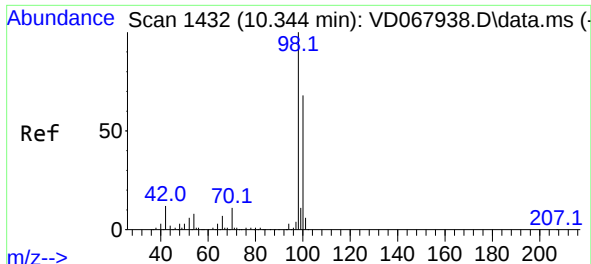
Tgt Ion:113 Resp: 227155
Ion Ratio Lower Upper
113 100
111 100.5 79.3 118.9
192 17.8 14.5 21.7



#39
Methylcyclohexane
Concen: 1.52 ug/l
RT: 9.355 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VD068015.D
Acq: 06 Jan 2021 15:55

Tgt Ion: 83 Resp: 13058
Ion Ratio Lower Upper
83 100
55 109.5 63.5 95.3#
98 46.7 37.3 55.9

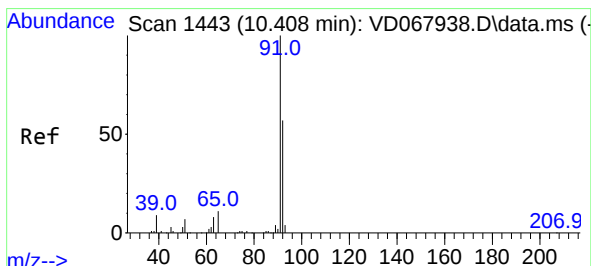
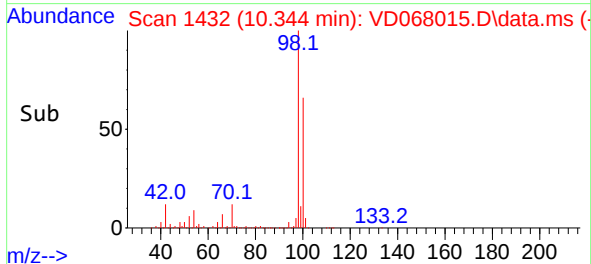
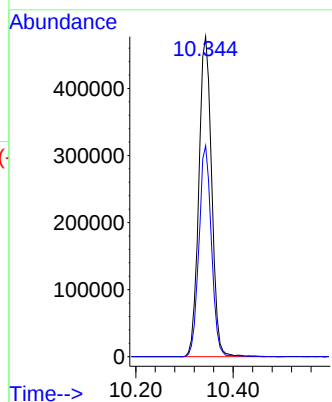
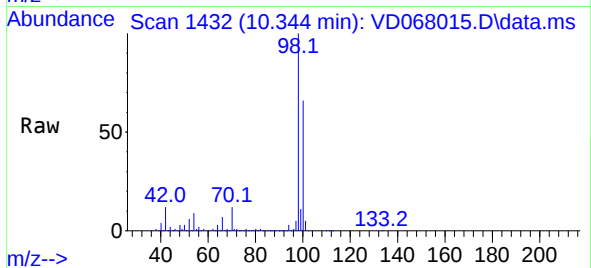




#50
Toluene-d8
Concen: 52.19 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068015.D
Acq: 06 Jan 2021 15:55

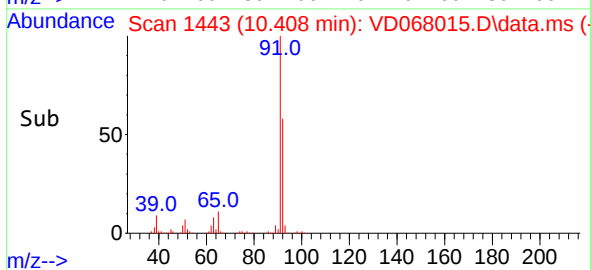
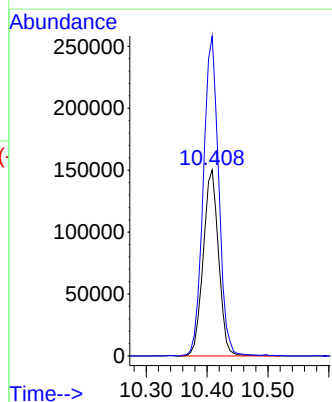
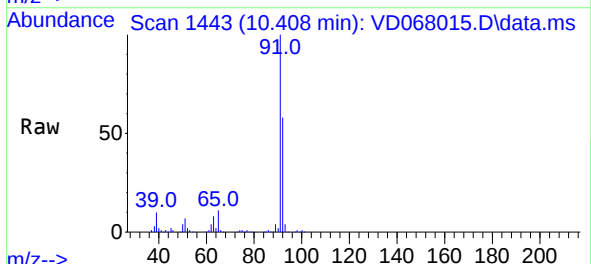
Instrument :
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ClientSampleId :
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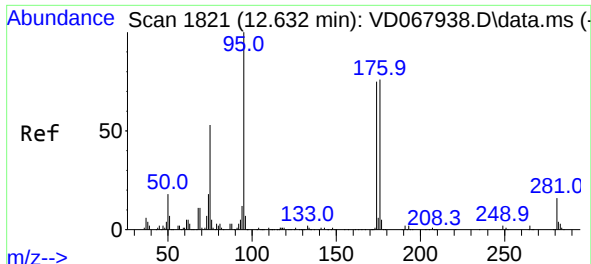
Tgt Ion: 98 Resp: 873438
Ion Ratio Lower Upper
98 100
100 64.2 52.5 78.7



#52
Toluene
Concen: 19.60 ug/l
RT: 10.408 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VD068015.D
Acq: 06 Jan 2021 15:55

Tgt Ion: 92 Resp: 263637
Ion Ratio Lower Upper
92 100
91 172.2 138.5 207.7

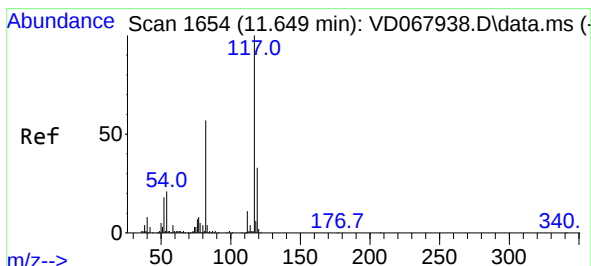
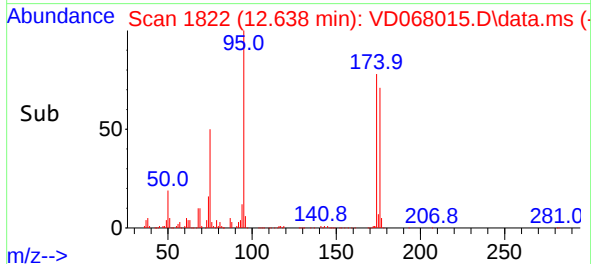
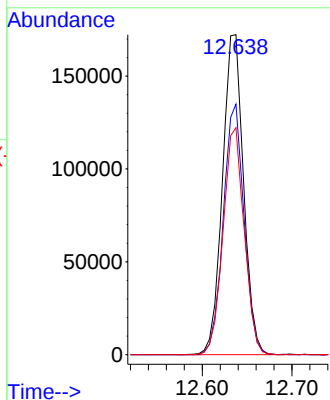
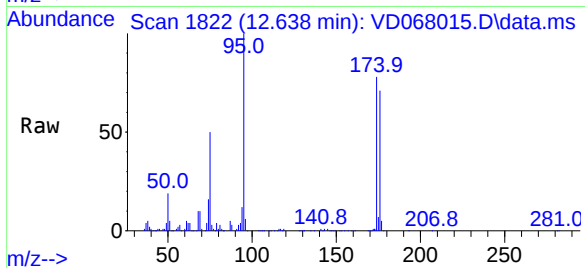




#62
4-Bromofluorobenzene
Concen: 49.06 ug/l
RT: 12.638 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VD068015.D
Acq: 06 Jan 2021 15:55

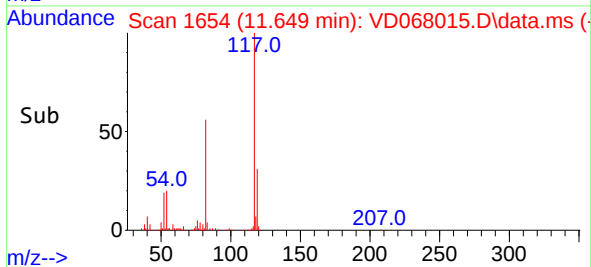
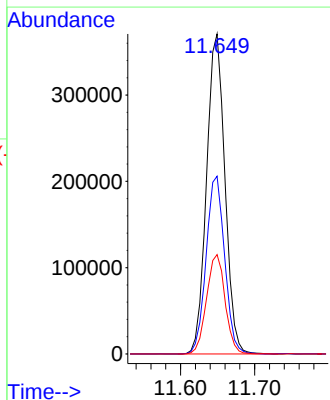
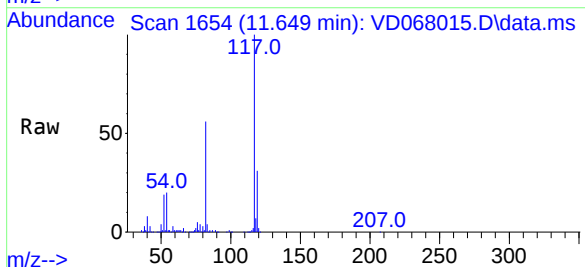
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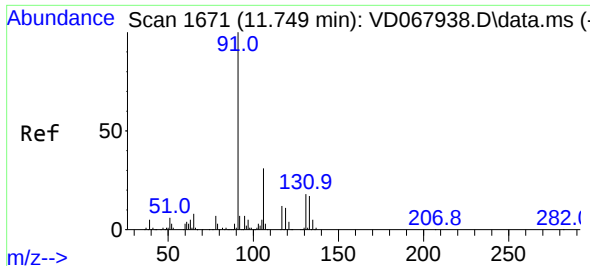
Tgt Ion: 95 Resp: 280854
Ion Ratio Lower Upper
95 100
174 77.2 0.0 150.6
176 71.0 0.0 151.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068015.D
Acq: 06 Jan 2021 15:55

Tgt Ion: 117 Resp: 639360
Ion Ratio Lower Upper
117 100
82 55.6 45.4 68.0
119 31.0 26.7 40.1

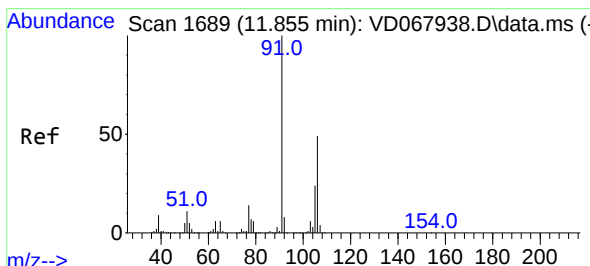
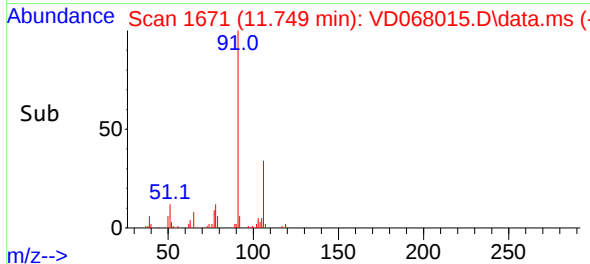
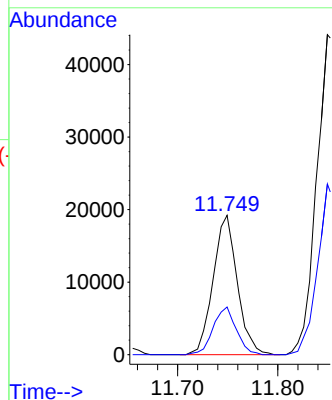
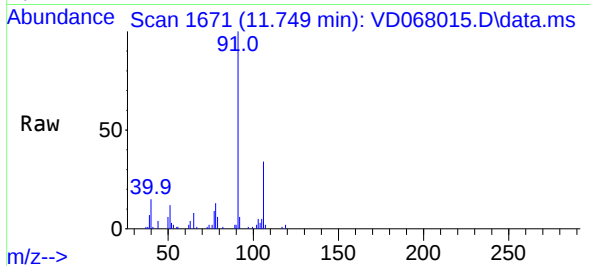




#67
Ethyl Benzene
Concen: 1.31 ug/l
RT: 11.749 min Scan# 1671
Delta R.T. 0.000 min
Lab File: VD068015.D
Acq: 06 Jan 2021 15:55

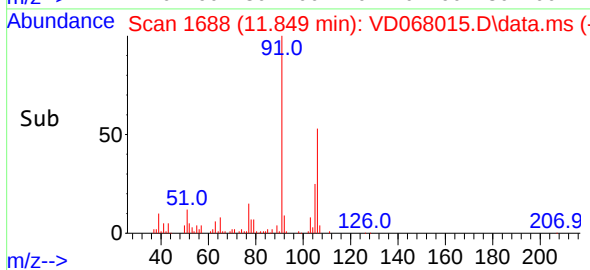
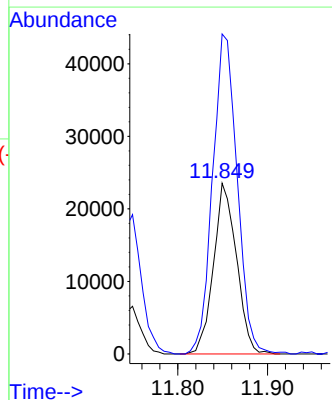
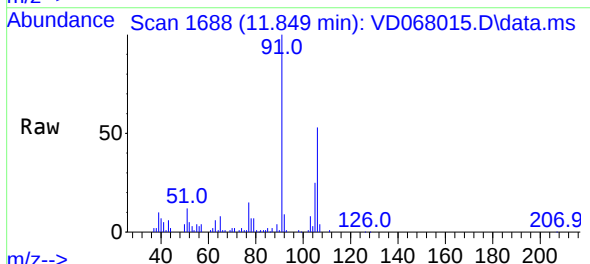
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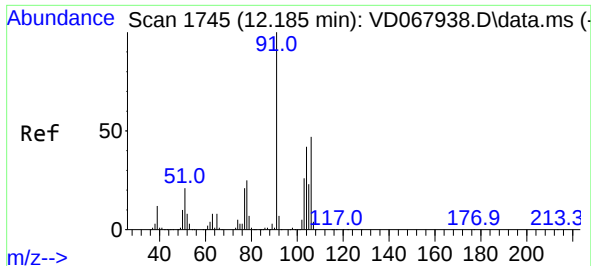
Tgt Ion: 91 Resp: 32134
Ion Ratio Lower Upper
91 100
106 34.2 24.6 37.0



#68
m/p-Xylenes
Concen: 4.46 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. -0.006 min
Lab File: VD068015.D
Acq: 06 Jan 2021 15:55

Tgt Ion: 106 Resp: 41827
Ion Ratio Lower Upper
106 100
91 200.5 159.9 239.9

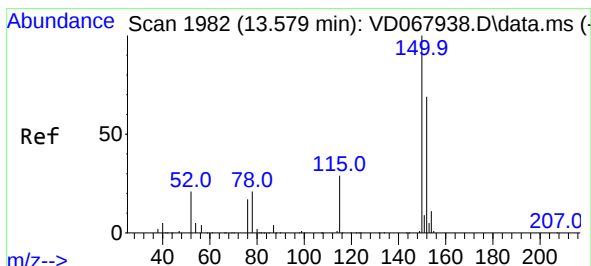
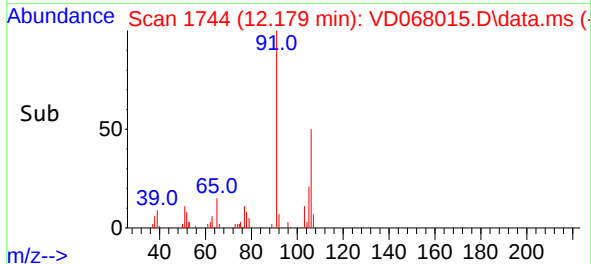
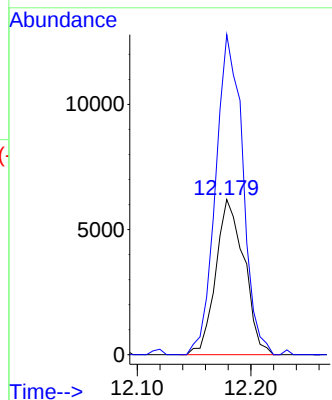
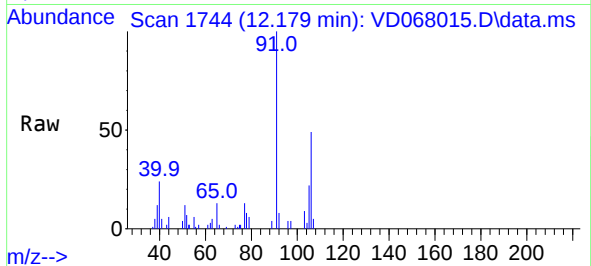




#69
o-Xylene
Concen: 1.29 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.006 min
Lab File: VD068015.D
Acq: 06 Jan 2021 15:55

Instrument :
MSVOA_D
ClientSampleId :
20410

Tgt Ion:106 Resp: 10794
Ion Ratio Lower Upper
106 100
91 196.9 106.0 317.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VD068015.D
Acq: 06 Jan 2021 15:55

Tgt Ion:152 Resp: 256751
Ion Ratio Lower Upper
152 100
115 61.3 29.3 88.0
150 159.6 0.0 340.0

