

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012521\
 Data File : VD068170.D
 Acq On : 25 Jan 2021 15:29
 Operator : VA/SY
 Sample : M1217-01
 Misc : 1.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 1617

Quant Time: Jan 26 00:09:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

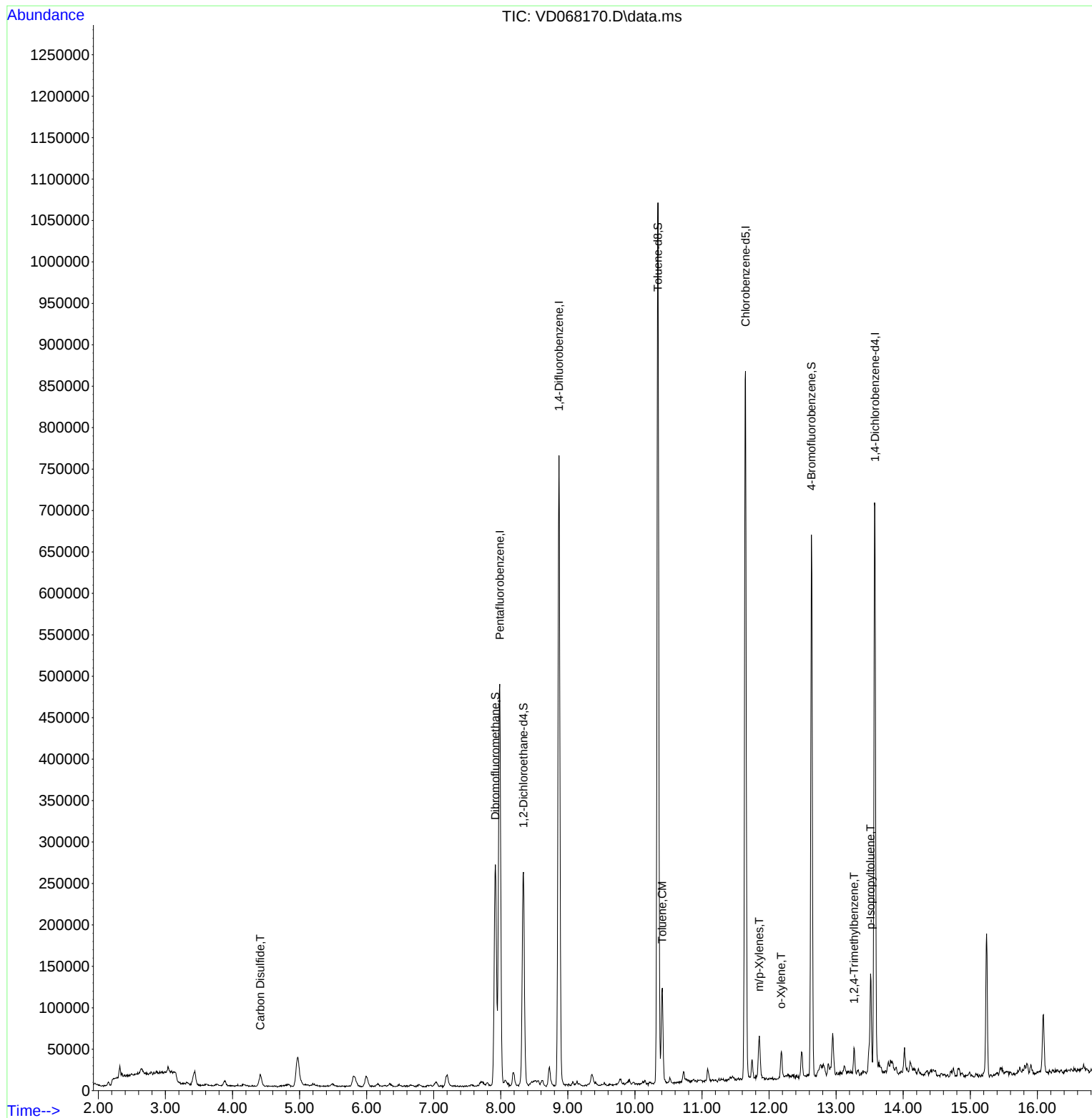
Internal Standards						
1) Pentafluorobenzene	7.985	168	367617	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	662638	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	511115	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	191860	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	203440	57.85	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.70%			
35) Dibromofluoromethane	7.920	113	197374	53.88	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.76%			
50) Toluene-d8	10.343	98	743764	50.76	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.52%			
62) 4-Bromofluorobenzene	12.632	95	219862	41.66	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 83.32%			
Target Compounds						Qvalue
17) Carbon Disulfide	4.414	76	27276	2.10	ug/l	99
52) Toluene	10.408	92	48380	3.97	ug/l	90
68) m/p-Xylenes	11.855	106	15695	2.07	ug/l	99
69) o-Xylene	12.179	106	8234	1.17	ug/l	86
84) 1,2,4-Trimethylbenzene	13.267	105	18753	1.42	ug/l	98
86) p-Isopropyltoluene	13.514	119	67773	4.73	ug/l	96

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

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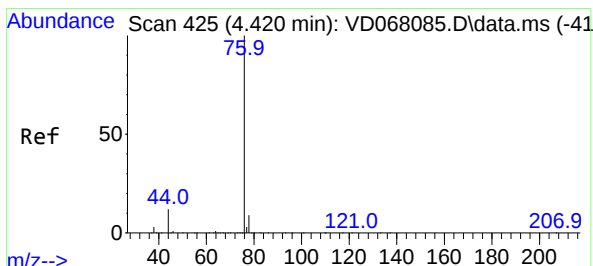
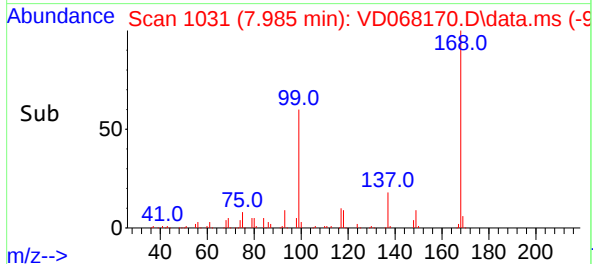
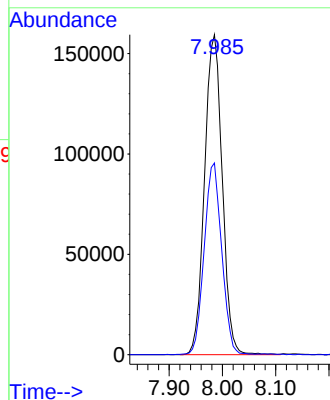
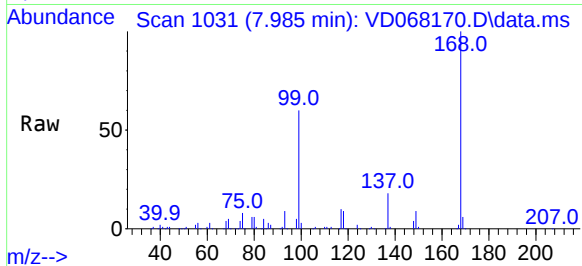




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068170.D
Acq: 25 Jan 2021 15:29

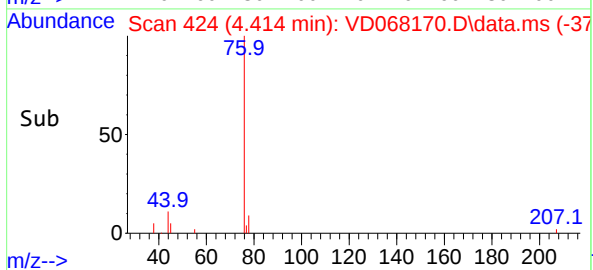
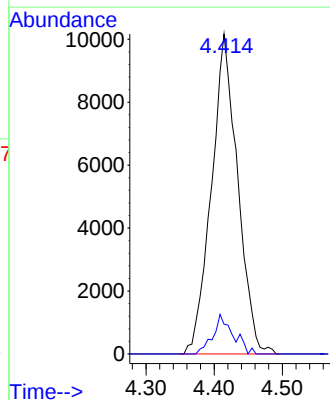
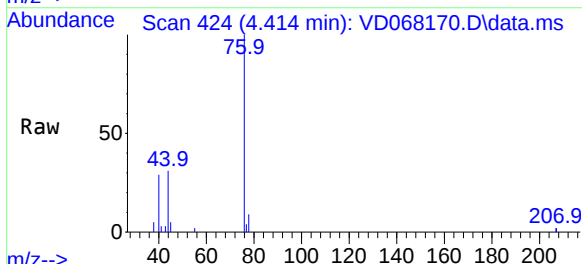
Instrument :
MSVOA_D
ClientSampleId :
1617

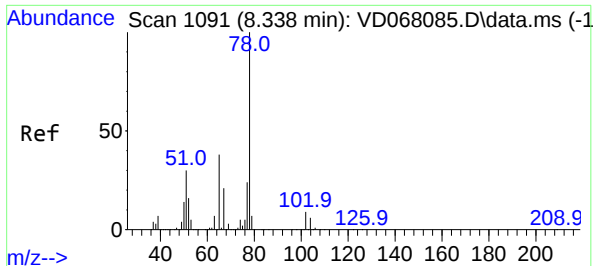
Tgt Ion:168 Resp: 367617
Ion Ratio Lower Upper
168 100
99 59.8 43.5 65.3



#17
Carbon Disulfide
Concen: 2.10 ug/l
RT: 4.414 min Scan# 424
Delta R.T. -0.006 min
Lab File: VD068170.D
Acq: 25 Jan 2021 15:29

Tgt Ion: 76 Resp: 27276
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9

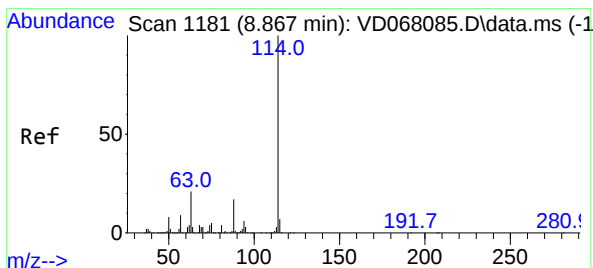
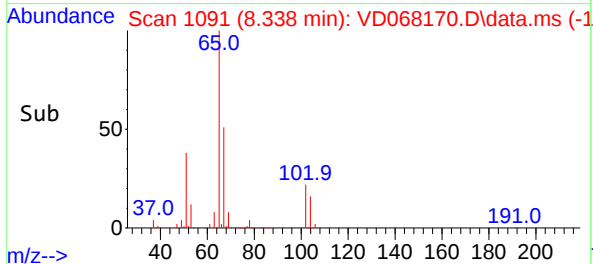
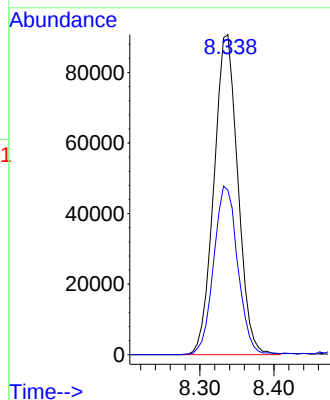
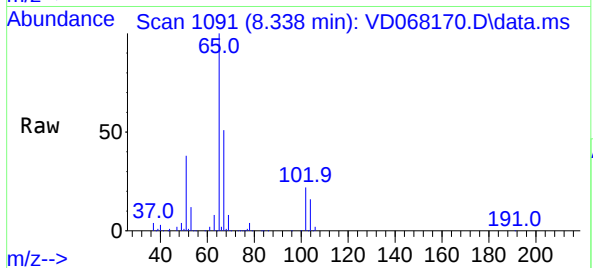




#33
1,2-Dichloroethane-d4
Concen: 57.85 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD068170.D
Acq: 25 Jan 2021 15:29

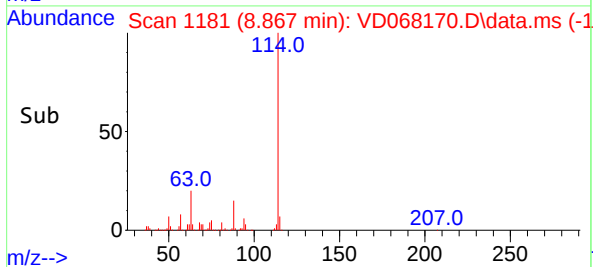
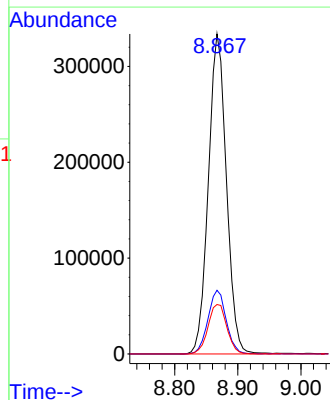
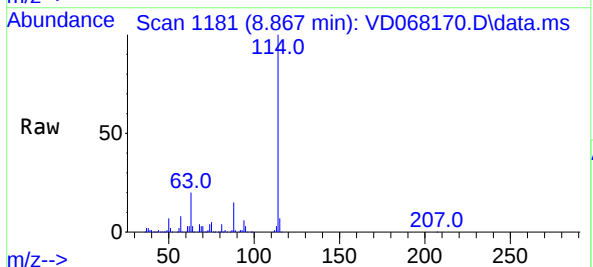
Instrument :
MSVOA_D
ClientSampleId :
1617

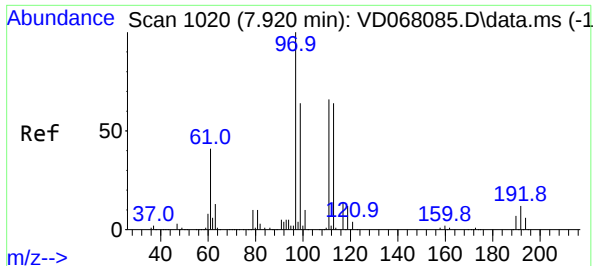
Tgt Ion: 65 Resp: 203440
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068170.D
Acq: 25 Jan 2021 15:29

Tgt Ion: 114 Resp: 662638
Ion Ratio Lower Upper
114 100
63 19.9 0.0 34.8
88 15.5 0.0 31.6

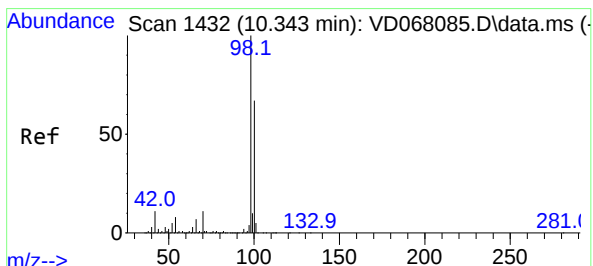
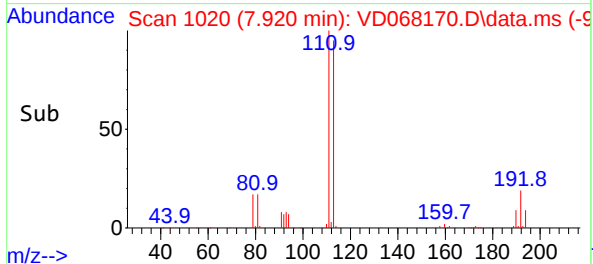
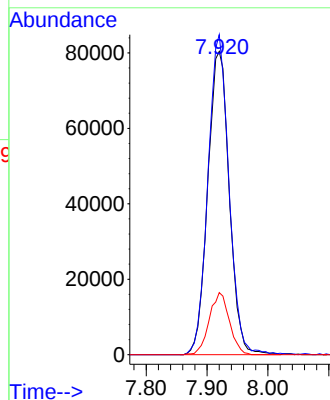
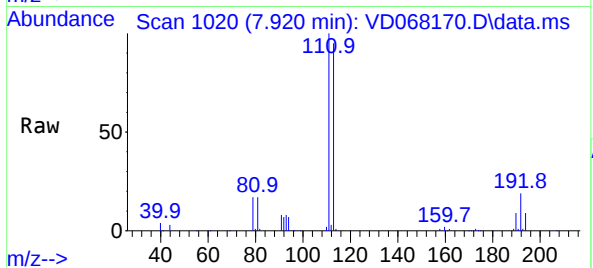




#35
Dibromofluoromethane
Concen: 53.88 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068170.D
Acq: 25 Jan 2021 15:29

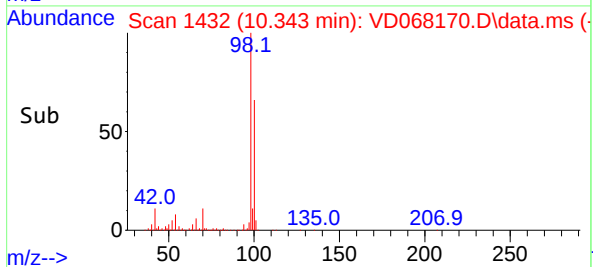
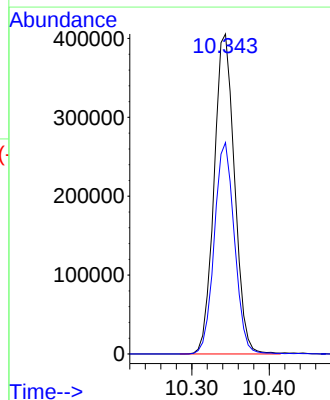
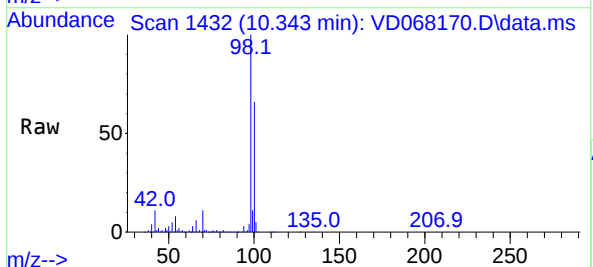
Instrument :
MSVOA_D
ClientSampleId :
1617

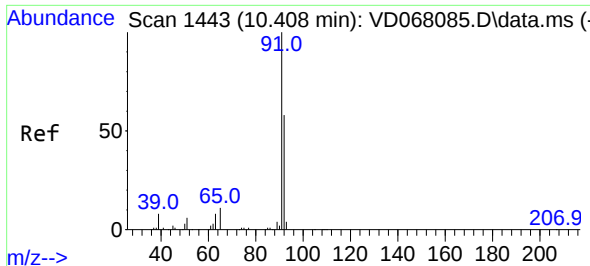
Tgt Ion:113 Resp: 197374
Ion Ratio Lower Upper
113 100
111 103.2 81.4 122.0
192 19.1 16.1 24.1



#50
Toluene-d8
Concen: 50.76 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068170.D
Acq: 25 Jan 2021 15:29

Tgt Ion: 98 Resp: 743764
Ion Ratio Lower Upper
98 100
100 65.1 53.0 79.4

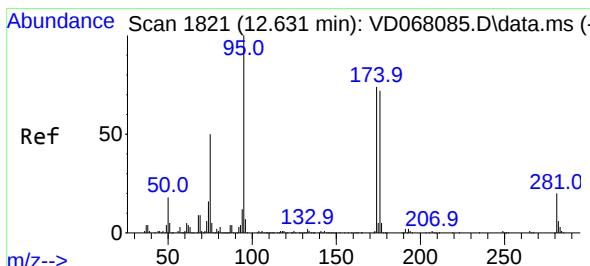
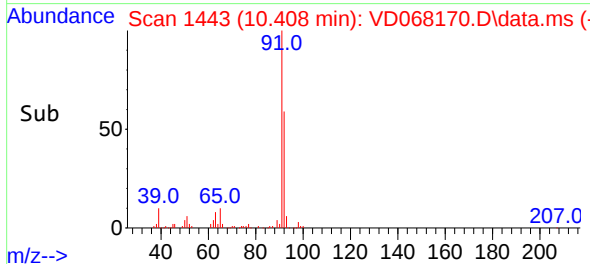
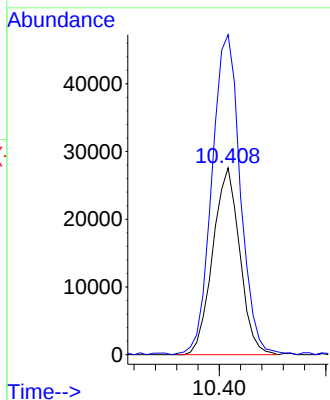
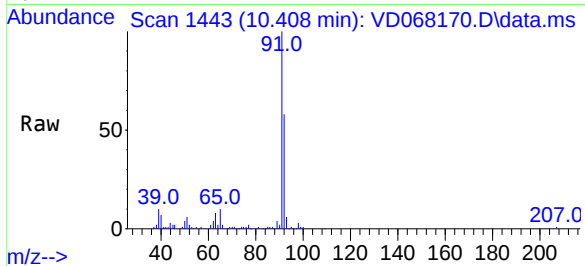




#52
Toluene
Concen: 3.97 ug/l
RT: 10.408 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VD068170.D
Acq: 25 Jan 2021 15:29

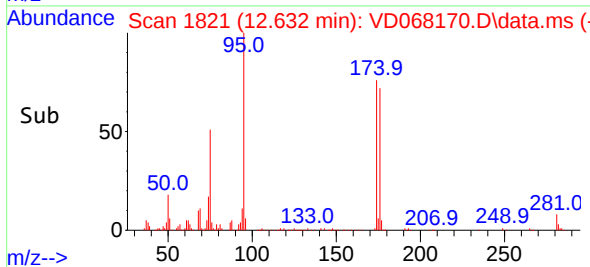
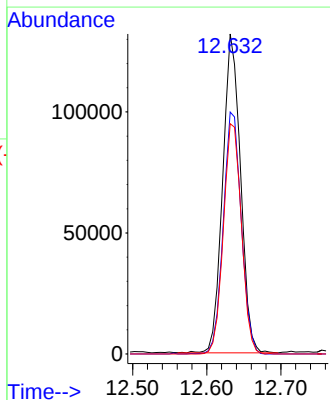
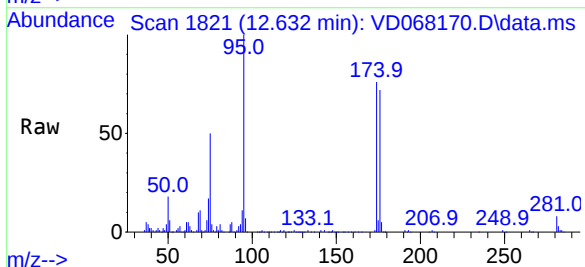
Instrument :
MSVOA_D
ClientSampleId :
1617

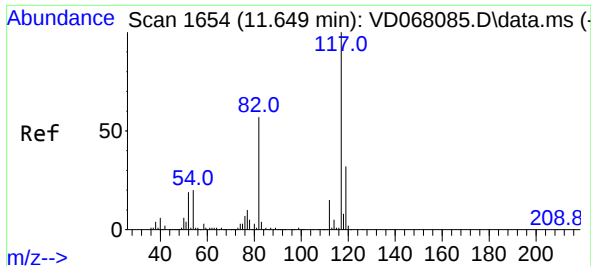
Tgt Ion: 92 Resp: 48380
Ion Ratio Lower Upper
92 100
91 180.8 134.1 201.1



#62
4-Bromofluorobenzene
Concen: 41.66 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068170.D
Acq: 25 Jan 2021 15:29

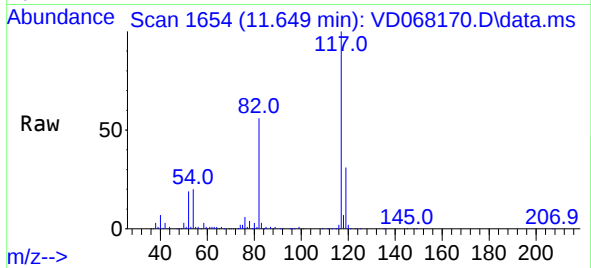
Tgt Ion: 95 Resp: 219862
Ion Ratio Lower Upper
95 100
174 76.6 0.0 172.4
176 73.0 0.0 168.4



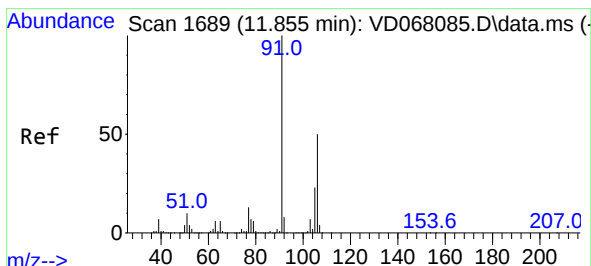
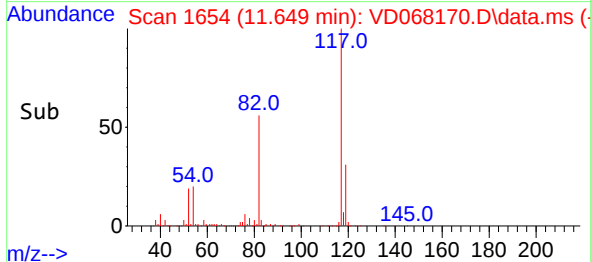
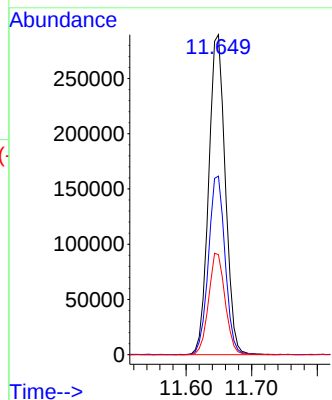


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068170.D
Acq: 25 Jan 2021 15:29

Instrument :
MSVOA_D
ClientSampleId :
1617

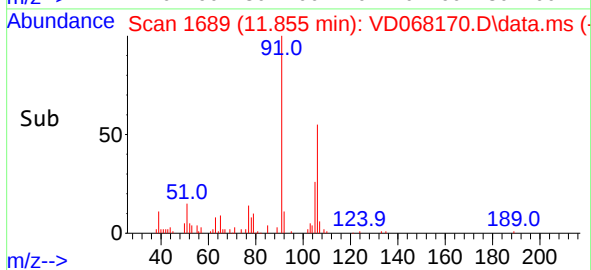
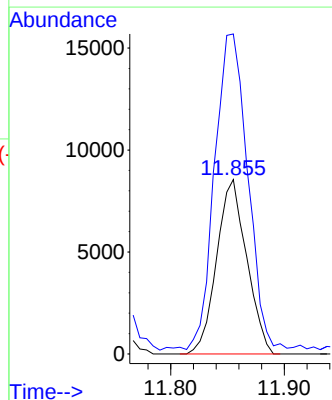
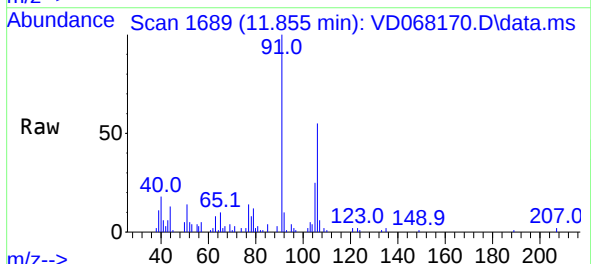


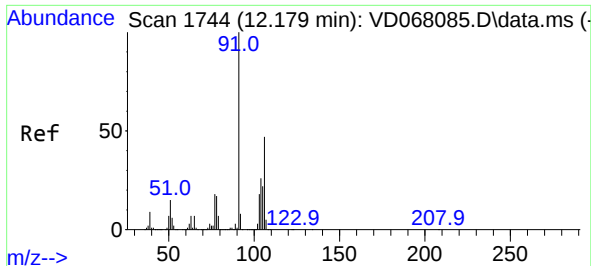
Tgt Ion:117 Resp: 511115
Ion Ratio Lower Upper
117 100
82 55.7 41.4 62.0
119 31.2 26.1 39.1



#68
m/p-Xylenes
Concen: 2.07 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VD068170.D
Acq: 25 Jan 2021 15:29

Tgt Ion:106 Resp: 15695
Ion Ratio Lower Upper
106 100
91 197.3 159.1 238.7

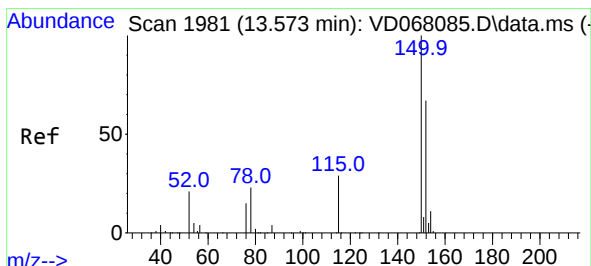
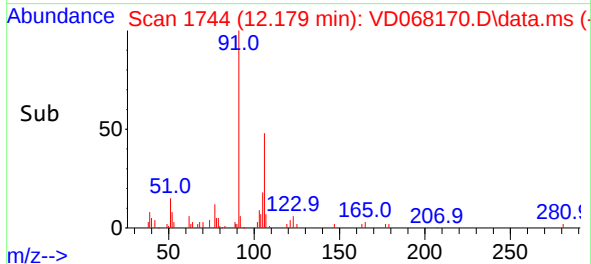
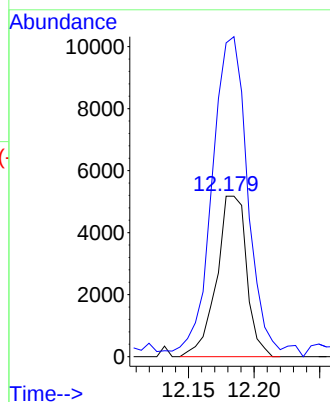
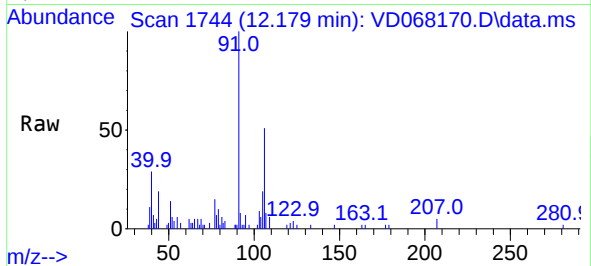




#69
o-Xylene
Concen: 1.17 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VD068170.D
Acq: 25 Jan 2021 15:29

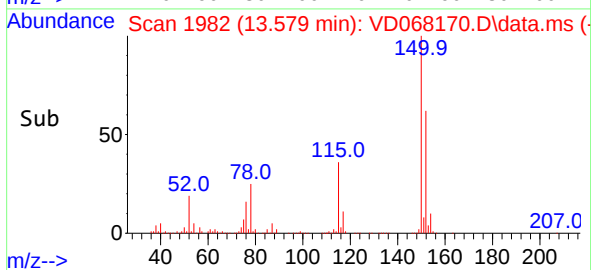
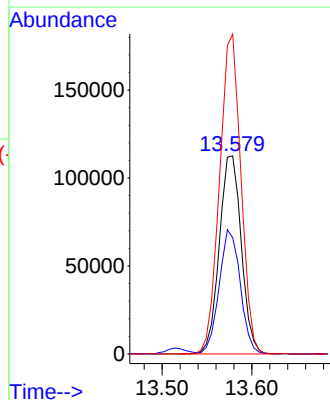
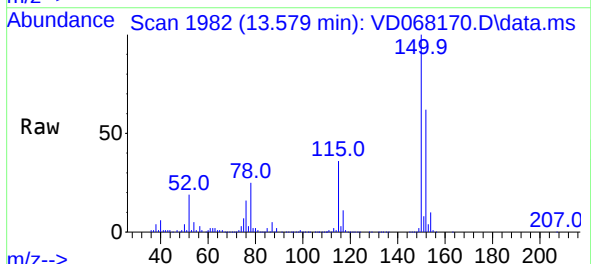
Instrument :
MSVOA_D
ClientSampleId :
1617

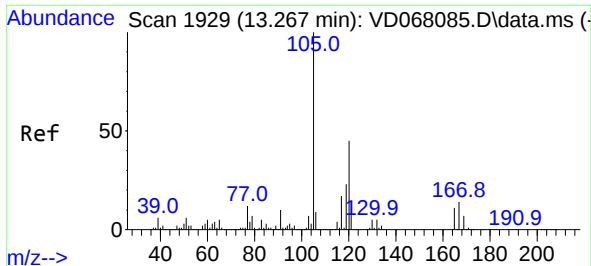
Tgt Ion:106 Resp: 8234
Ion Ratio Lower Upper
106 100
91 239.3 108.7 325.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VD068170.D
Acq: 25 Jan 2021 15:29

Tgt Ion:152 Resp: 191860
Ion Ratio Lower Upper
152 100
115 60.3 28.9 86.8
150 156.8 0.0 344.4

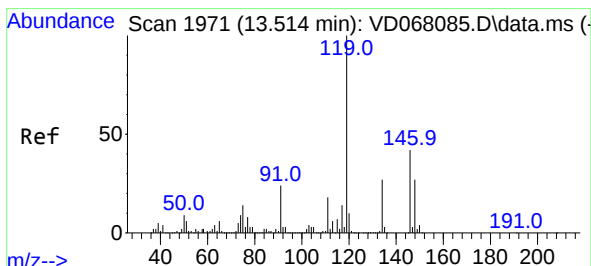
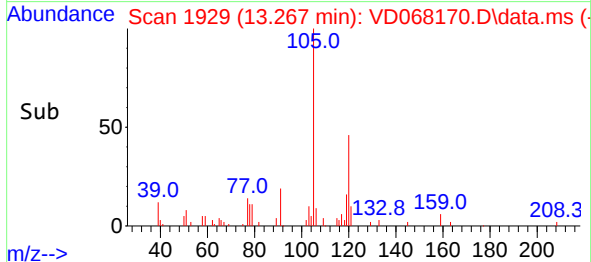
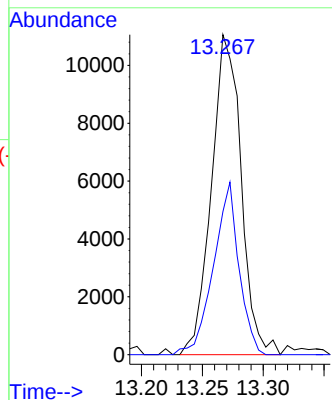
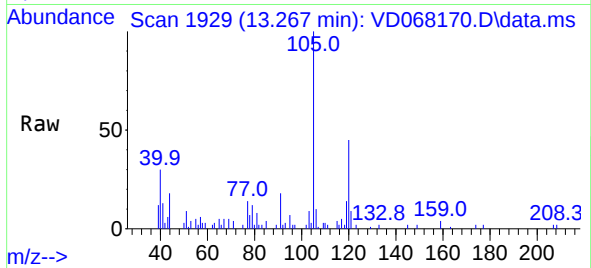




#84
1,2,4-Trimethylbenzene
Concen: 1.42 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD068170.D
Acq: 25 Jan 2021 15:29

Instrument :
MSVOA_D
ClientSampled :
1617

Tgt Ion:105 Resp: 18753
Ion Ratio Lower Upper
105 100
120 46.3 22.4 67.0



#86
p-Isopropyltoluene
Concen: 4.73 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD068170.D
Acq: 25 Jan 2021 15:29

Tgt Ion:119 Resp: 67773
Ion Ratio Lower Upper
119 100
134 26.5 12.9 38.7
91 27.1 11.7 35.0

