

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080321\
 Data File : VD069972.D
 Acq On : 03 Aug 2021 18:05
 Operator : VA/SY
 Sample : M3268-16
 Misc : 8.41G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20210508-94

Quant Time: Aug 04 01:33:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

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

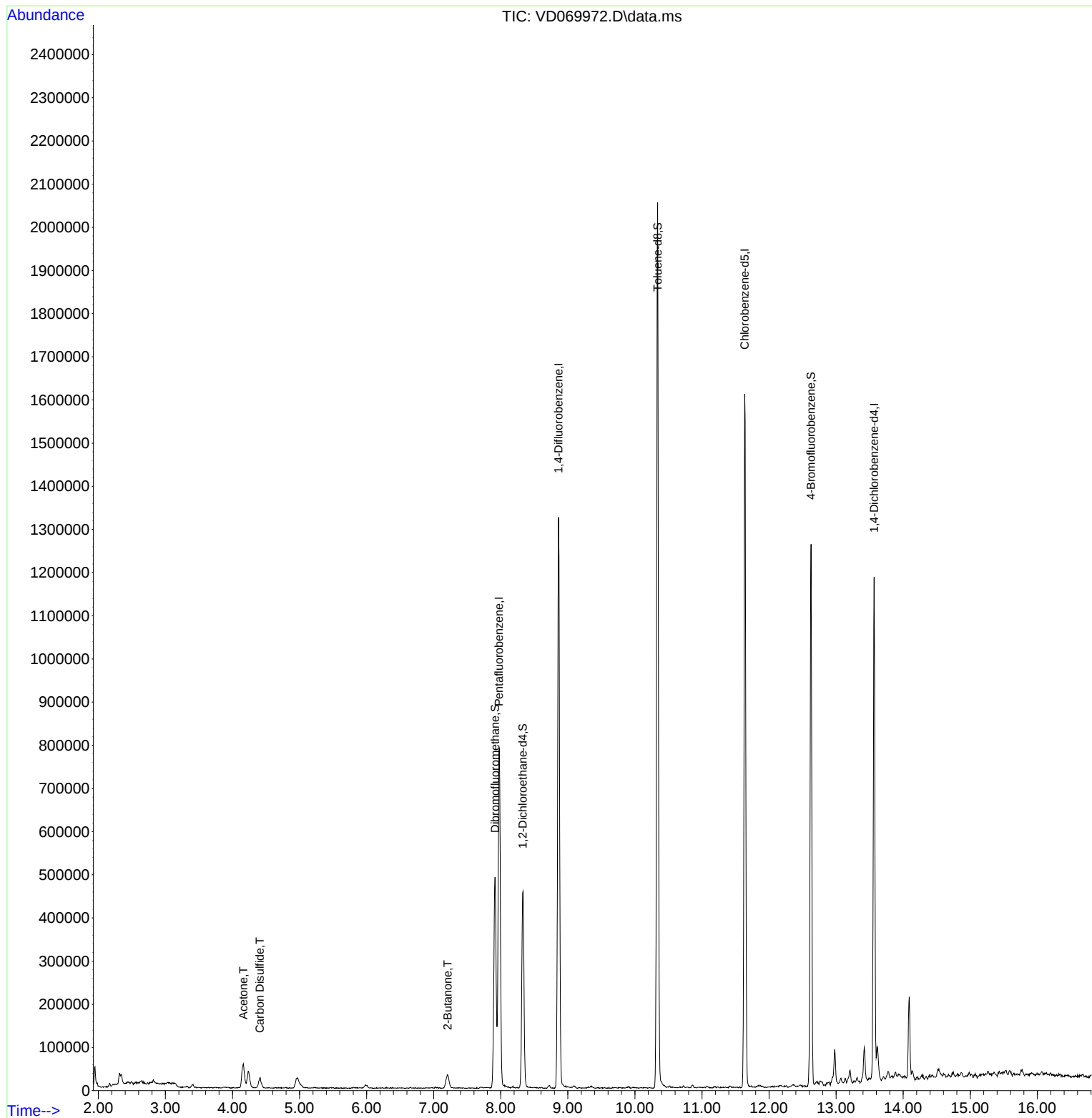
Internal Standards						
1) Pentafluorobenzene	7.973	168	561565	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1131180	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	955492	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	302868	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	365091	56.529	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.060%
35) Dibromofluoromethane	7.914	113	368300	51.648	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.300%
50) Toluene-d8	10.338	98	1414193	51.432	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.860%
62) 4-Bromofluorobenzene	12.626	95	381144	41.476	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.960%
Target Compounds						Qvalue
16) Acetone	4.161	43	99587	85.358	ug/l	99
17) Carbon Disulfide	4.408	76	48463	2.110	ug/l	97
25) 2-Butanone	7.208	43	34339	21.703	ug/l #	85

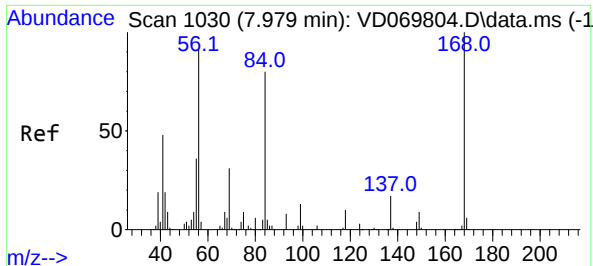
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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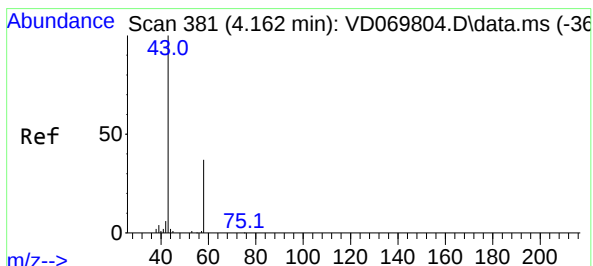
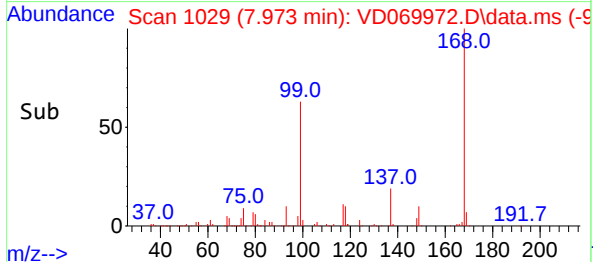
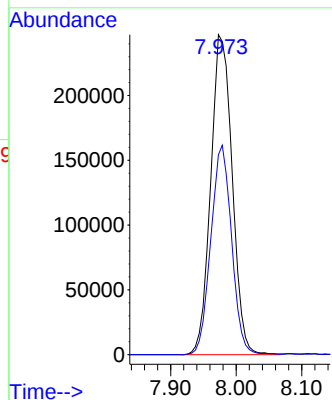
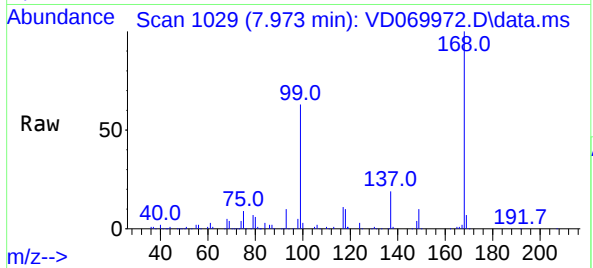




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD069972.D
Acq: 03 Aug 2021 18:05

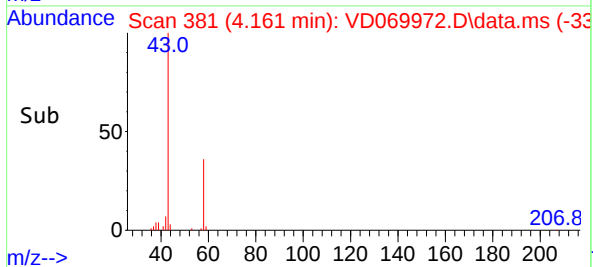
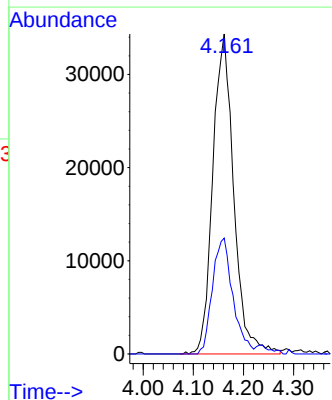
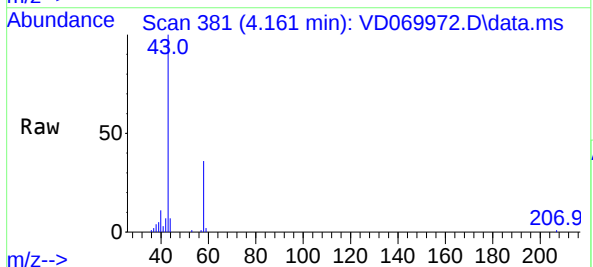
Instrument :
MSVOA_D
ClientSampleId :
20210508-94

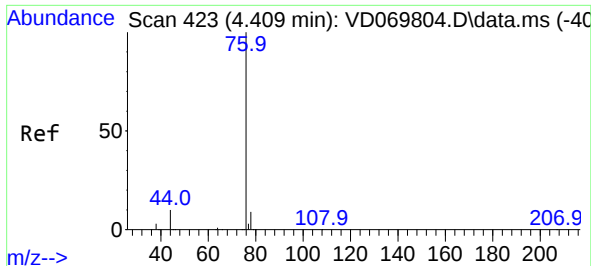
Tgt Ion:168 Resp: 561565
Ion Ratio Lower Upper
168 100
99 62.5 51.1 76.7



#16
Acetone
Concen: 85.358 ug/l
RT: 4.161 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD069972.D
Acq: 03 Aug 2021 18:05

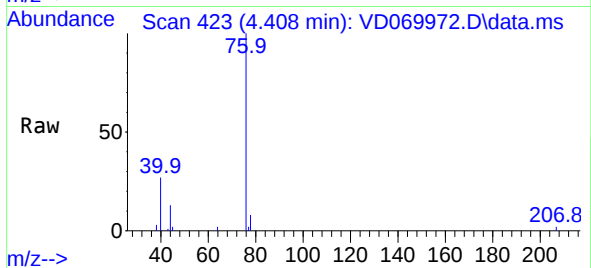
Tgt Ion: 43 Resp: 99587
Ion Ratio Lower Upper
43 100
58 36.2 29.4 44.0



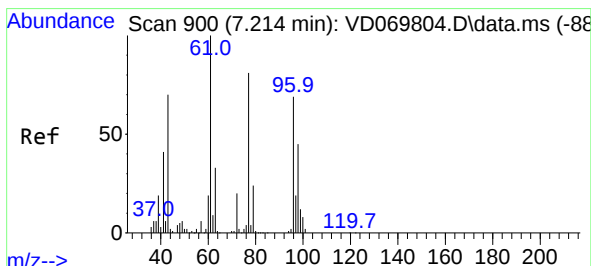
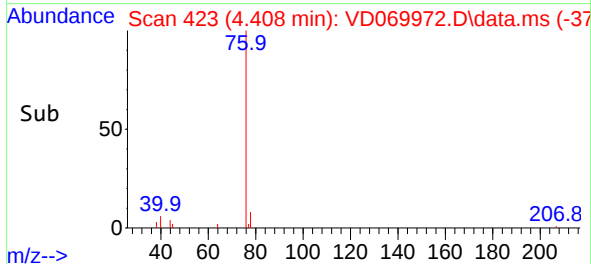
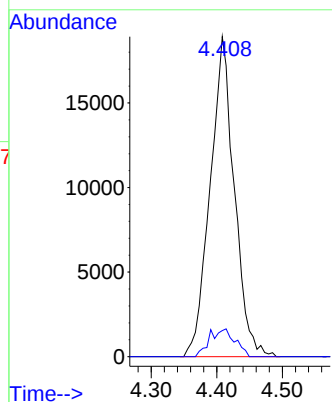


#17
Carbon Disulfide
Concen: 2.110 ug/l
RT: 4.408 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD069972.D
Acq: 03 Aug 2021 18:05

Instrument :
MSVOA_D
ClientSampleId :
20210508-94

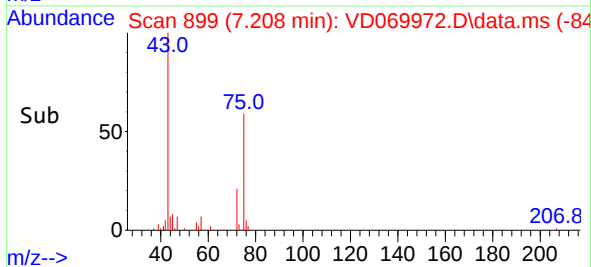
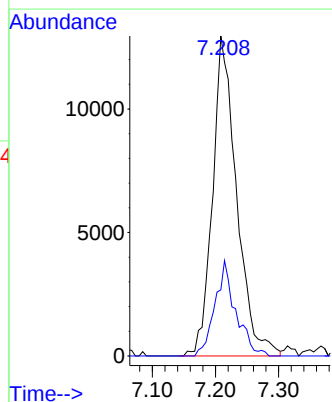
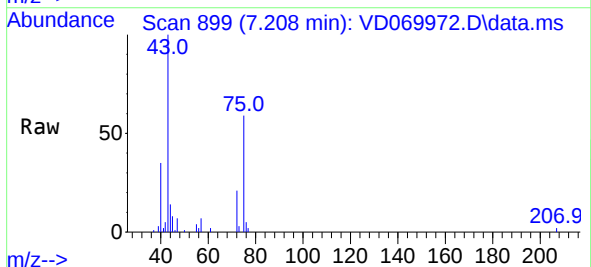


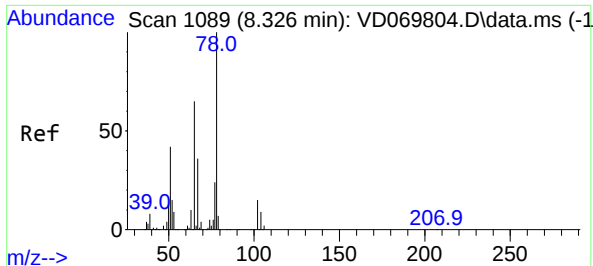
Tgt Ion: 76 Resp: 48463
Ion Ratio Lower Upper
76 100
78 8.1 7.3 10.9



#25
2-Butanone
Concen: 21.703 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD069972.D
Acq: 03 Aug 2021 18:05

Tgt Ion: 43 Resp: 34339
Ion Ratio Lower Upper
43 100
72 20.6 22.8 34.2#

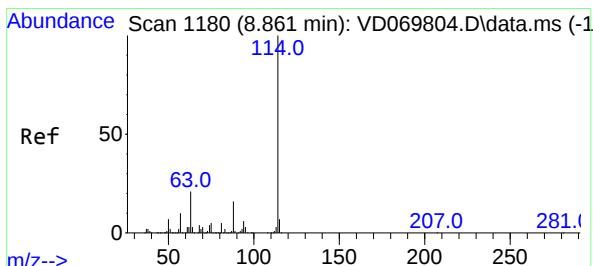
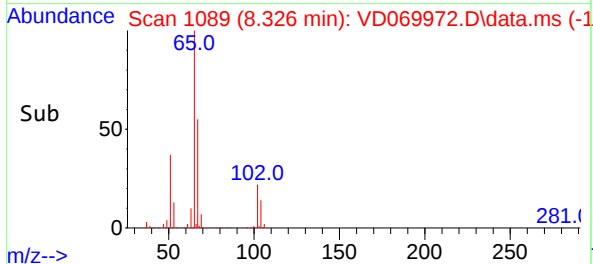
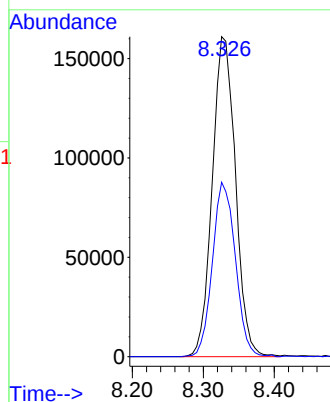
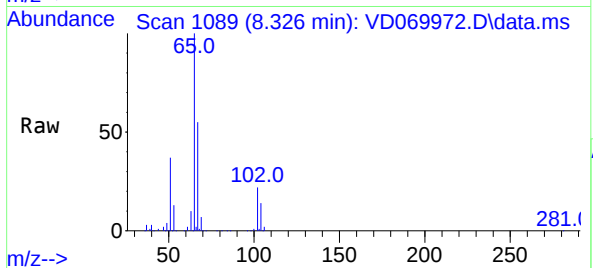




#33
1,2-Dichloroethane-d4
Concen: 56.529 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD069972.D
Acq: 03 Aug 2021 18:05

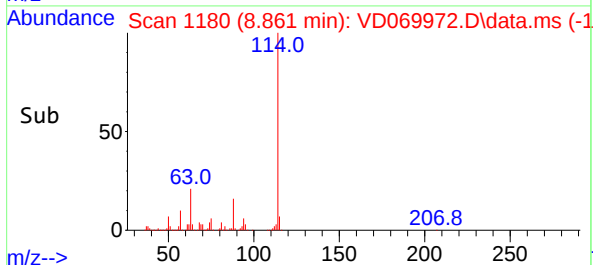
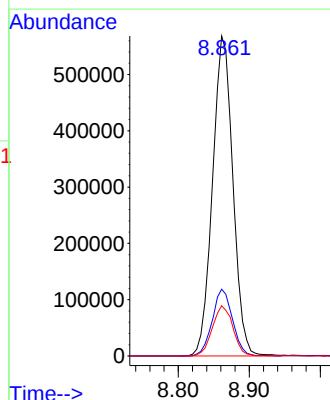
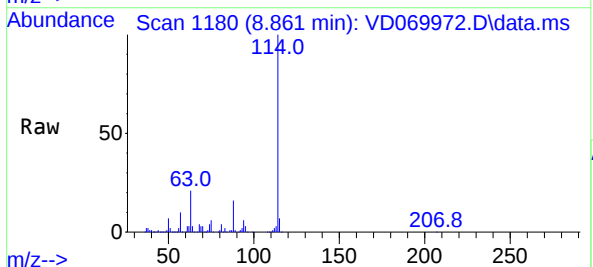
Instrument :
MSVOA_D
ClientSampleId :
20210508-94

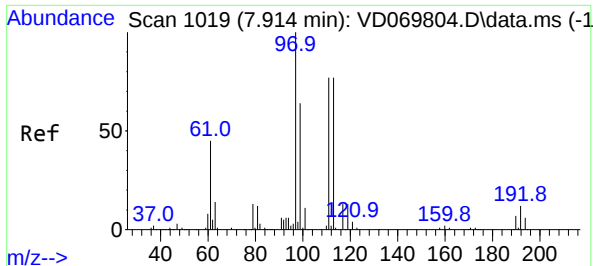
Tgt Ion: 65 Resp: 365091
Ion Ratio Lower Upper
65 100
67 53.9 0.0 111.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069972.D
Acq: 03 Aug 2021 18:05

Tgt Ion:114 Resp: 1131180
Ion Ratio Lower Upper
114 100
63 20.9 0.0 41.6
88 15.7 0.0 31.4

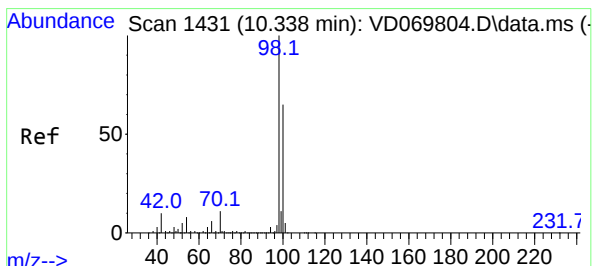
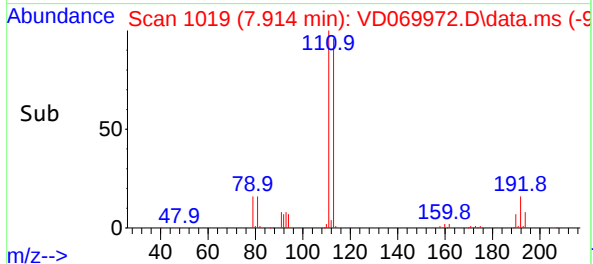
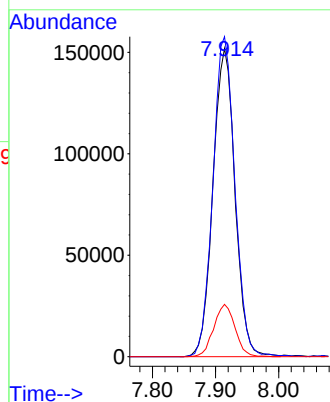
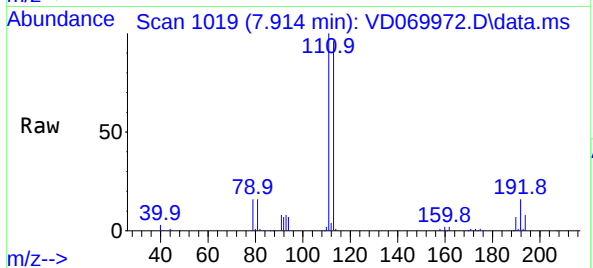




#35
Dibromofluoromethane
Concen: 51.648 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069972.D
Acq: 03 Aug 2021 18:05

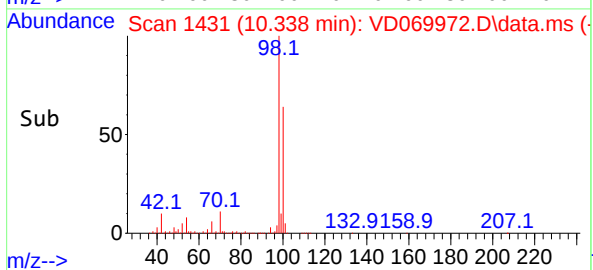
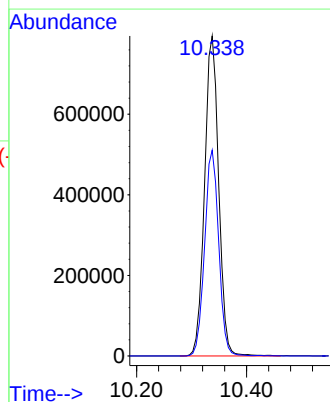
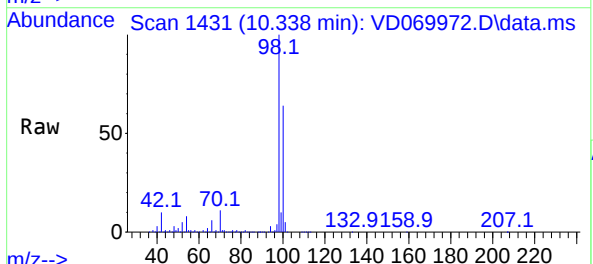
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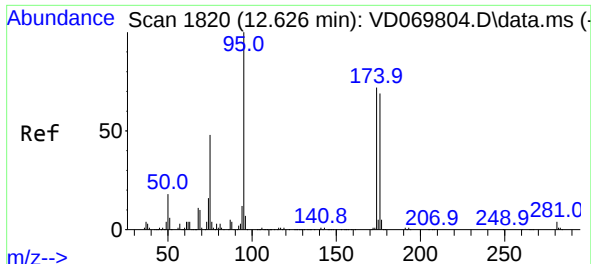
Tgt Ion:113 Resp: 368300
Ion Ratio Lower Upper
113 100
111 103.7 80.5 120.7
192 16.4 12.6 19.0



#50
Toluene-d8
Concen: 51.432 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069972.D
Acq: 03 Aug 2021 18:05

Tgt Ion: 98 Resp: 1414193
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9

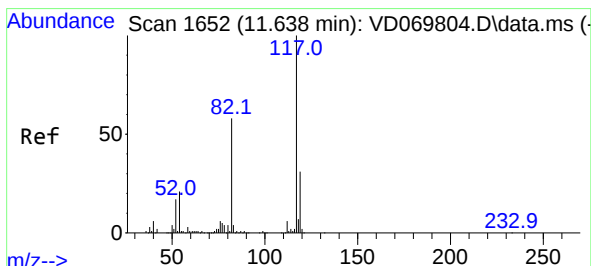
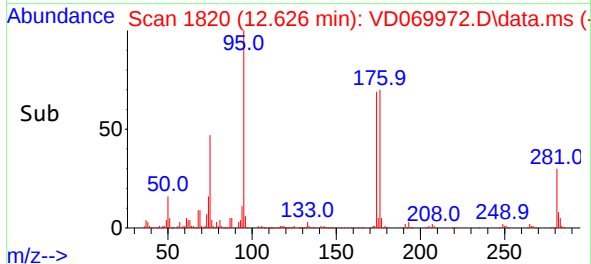
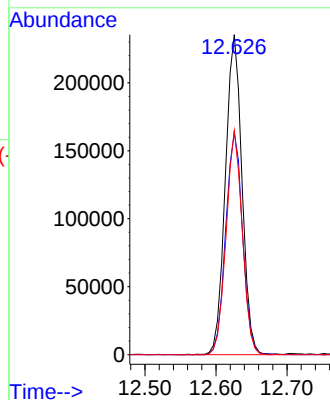
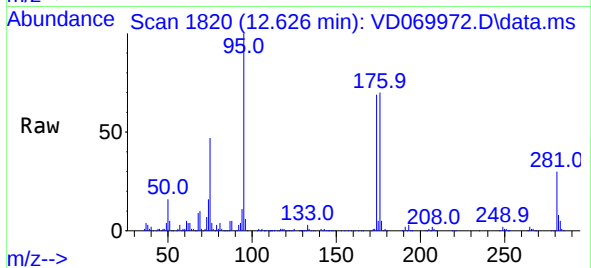




#62
4-Bromofluorobenzene
Concen: 41.476 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069972.D
Acq: 03 Aug 2021 18:05

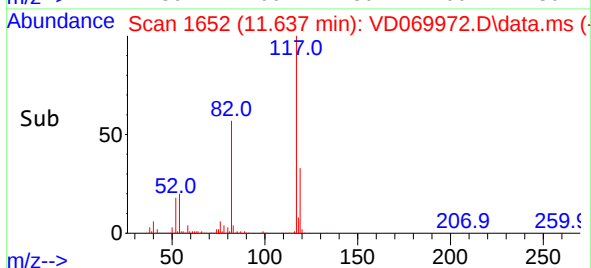
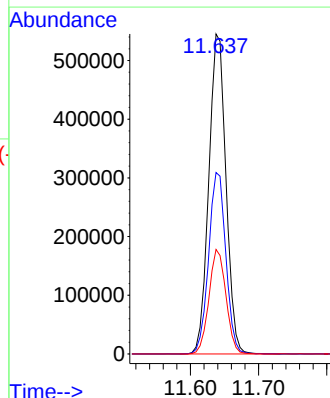
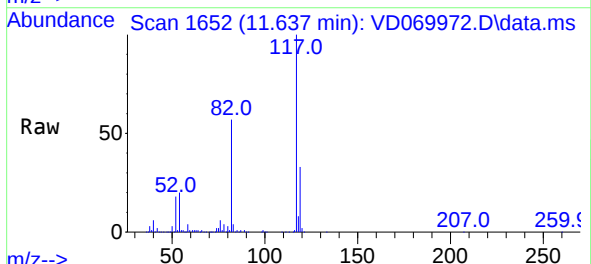
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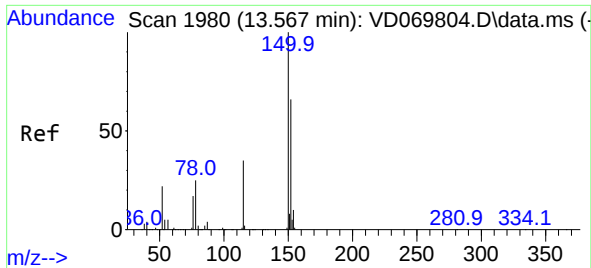
Tgt Ion: 95 Resp: 381144
Ion Ratio Lower Upper
95 100
174 70.5 0.0 142.6
176 68.0 0.0 134.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069972.D
Acq: 03 Aug 2021 18:05

Tgt Ion: 117 Resp: 955492
Ion Ratio Lower Upper
117 100
82 56.7 46.3 69.5
119 32.6 24.7 37.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD069972.D
 Acq: 03 Aug 2021 18:05

Instrument :
 MSVOA_D
 ClientSampleId :
 20210508-94

Tgt Ion:	152	Resp:	302868
Ion	Ratio	Lower	Upper
152	100		
115	63.5	31.1	93.3
150	159.0	0.0	343.0

