

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072121\
 Data File : VD069795.D
 Acq On : 21 Jul 2021 17:11
 Operator : VA/SY
 Sample : M3135-04
 Misc : 4.73G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-B

Quant Time: Jul 22 03:42:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071321S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 14 06:00:31 2021
 Response via : Initial Calibration

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

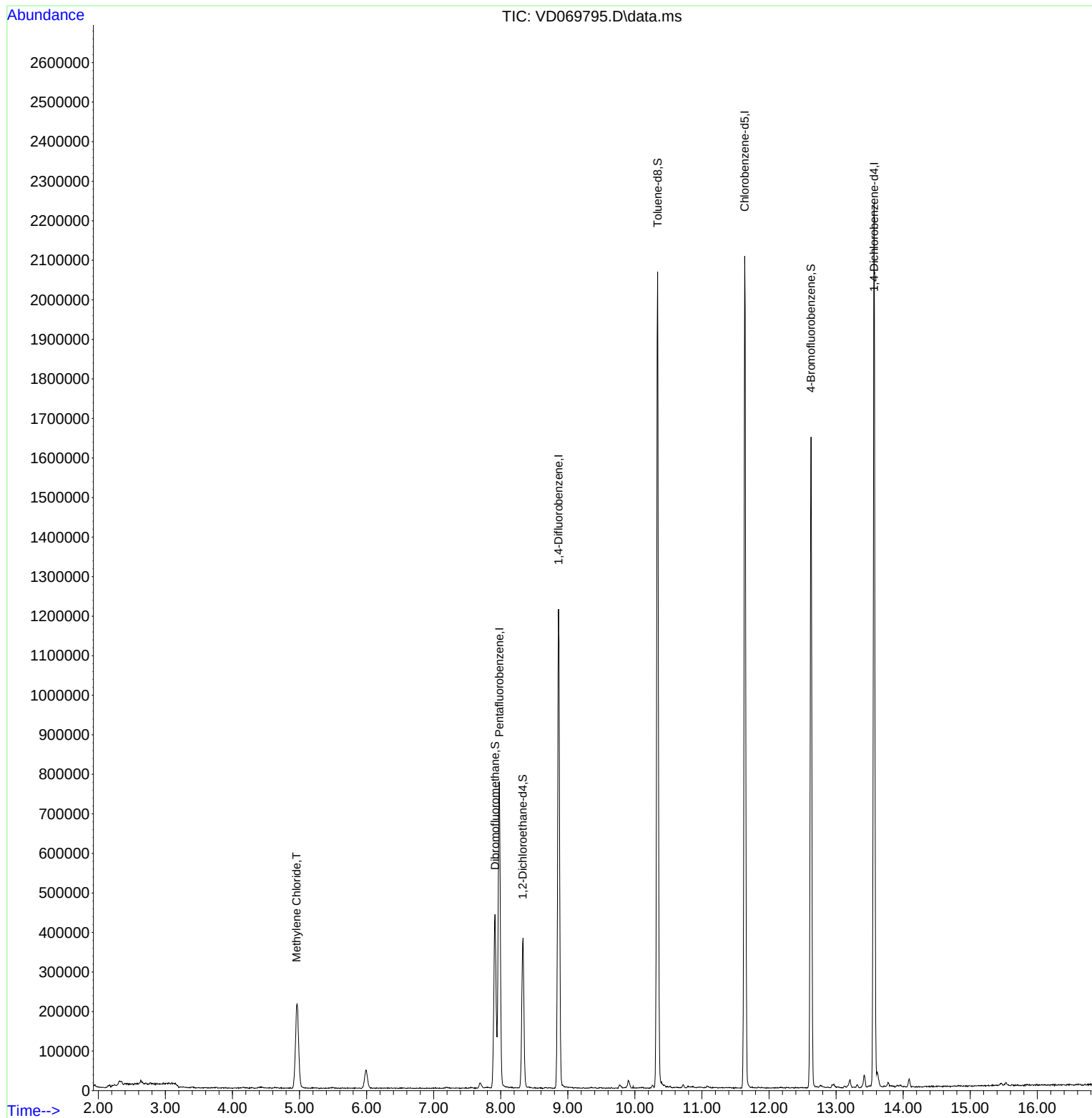
Internal Standards						
1) Pentafluorobenzene	7.979	168	544644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1029632	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1215557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	575118	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	298744	43.929	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.860%
35) Dibromofluoromethane	7.914	113	321496	46.542	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.080%
50) Toluene-d8	10.338	98	1396795	52.049	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.100%
62) 4-Bromofluorobenzene	12.626	95	576681	64.433	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	128.860%
Target Compounds						
20) Methylene Chloride	4.956	84	178544	14.775	ug/l	Qvalue 92

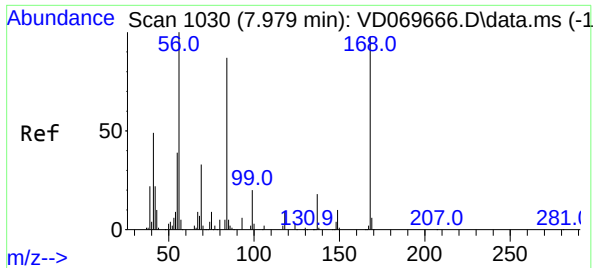
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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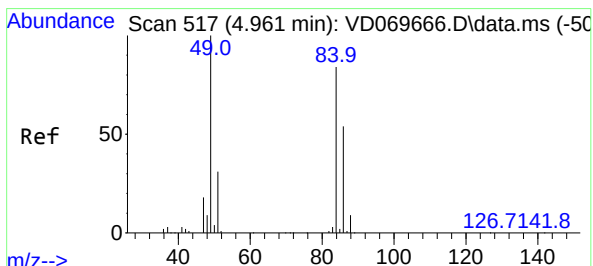
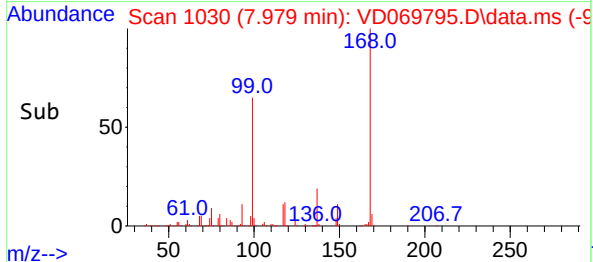
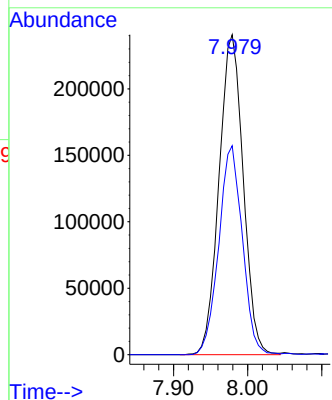
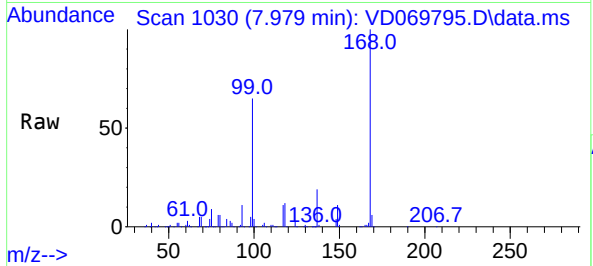




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069795.D
Acq: 21 Jul 2021 17:11

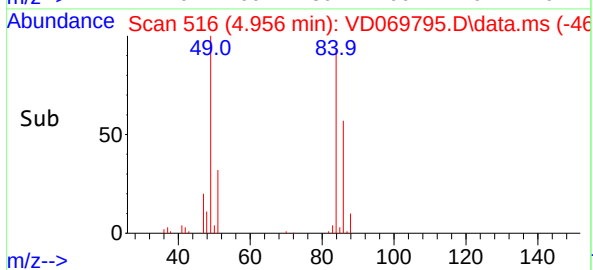
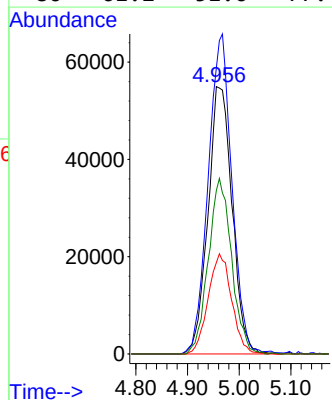
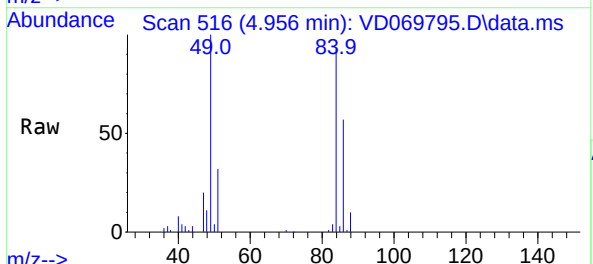
Instrument :
MSVOA_D
ClientSampleId :
TP-B

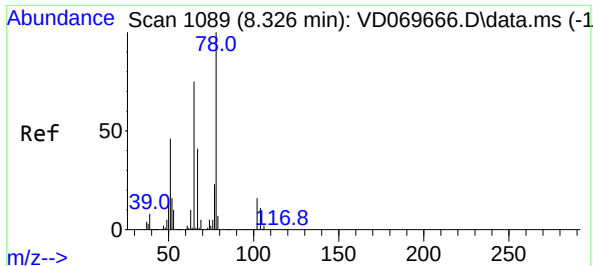
Tgt Ion:168 Resp: 544644
Ion Ratio Lower Upper
168 100
99 65.3 51.8 77.6



#20
Methylene Chloride
Concen: 14.775 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.005 min
Lab File: VD069795.D
Acq: 21 Jul 2021 17:11

Tgt Ion: 84 Resp: 178544
Ion Ratio Lower Upper
84 100
49 107.0 95.5 143.3
51 34.2 29.7 44.5
86 61.2 51.6 77.4

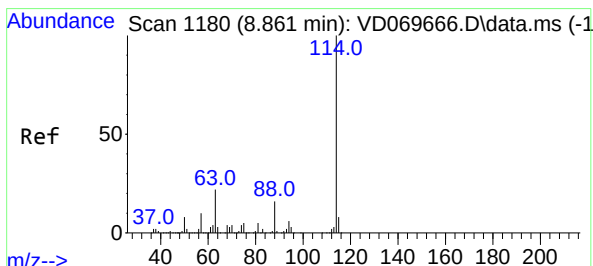
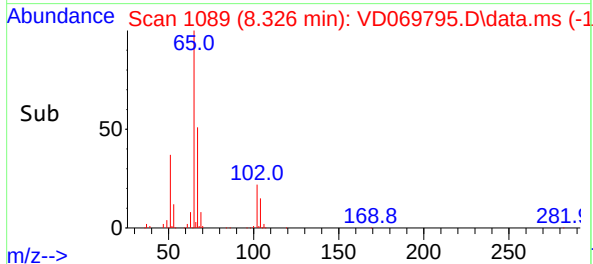
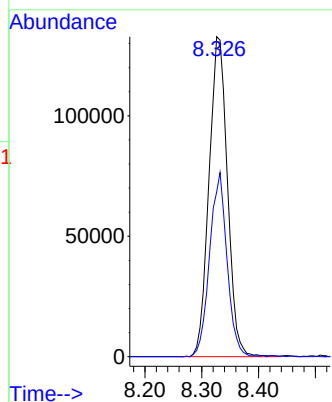
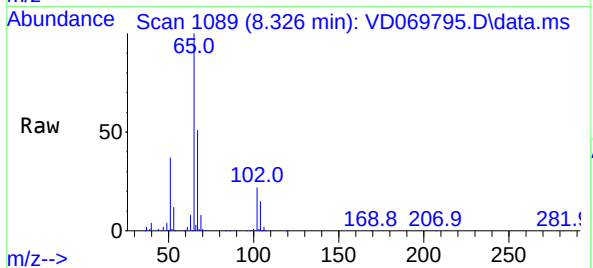




#33
1,2-Dichloroethane-d4
Concen: 43.929 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD069795.D
Acq: 21 Jul 2021 17:11

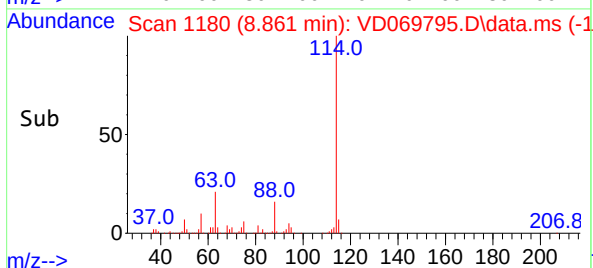
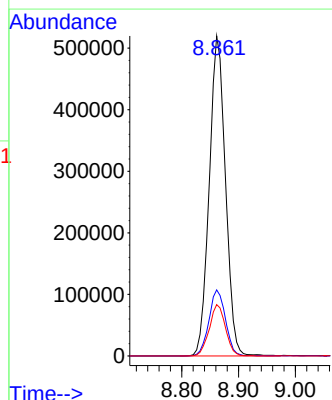
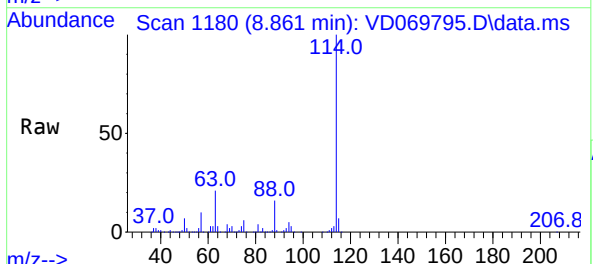
Instrument :
MSVOA_D
ClientSampleId :
TP-B

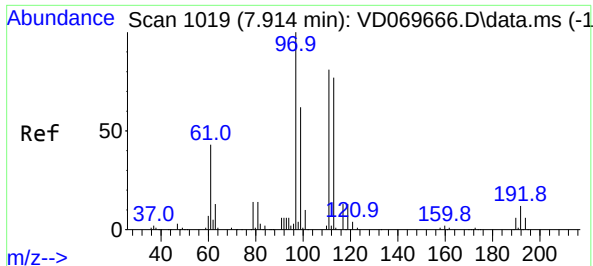
Tgt Ion: 65 Resp: 298744
Ion Ratio Lower Upper
65 100
67 54.2 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069795.D
Acq: 21 Jul 2021 17:11

Tgt Ion:114 Resp: 1029632
Ion Ratio Lower Upper
114 100
63 20.7 0.0 43.4
88 16.0 0.0 32.0





#35

Dibromofluoromethane

Concen: 46.542 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD069795.D

Acq: 21 Jul 2021 17:11

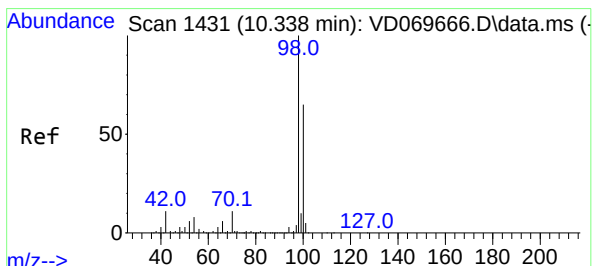
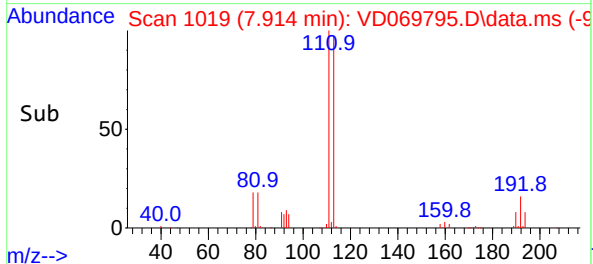
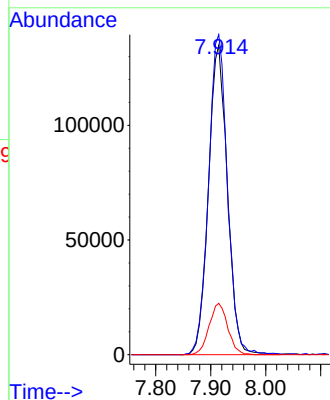
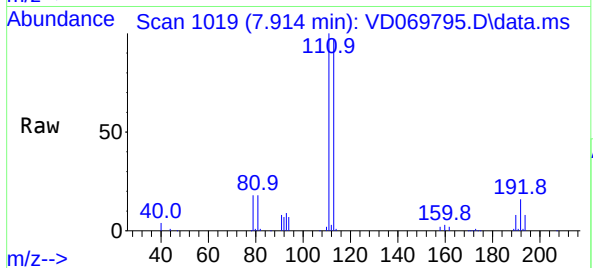
Tgt Ion:113 Resp: 321496

Ion Ratio Lower Upper

113 100

111 103.6 82.6 123.8

192 16.4 12.7 19.1



#50

Toluene-d8

Concen: 52.049 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VD069795.D

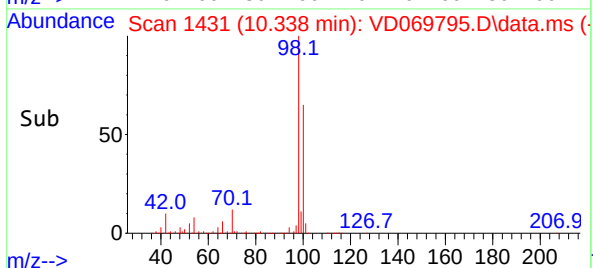
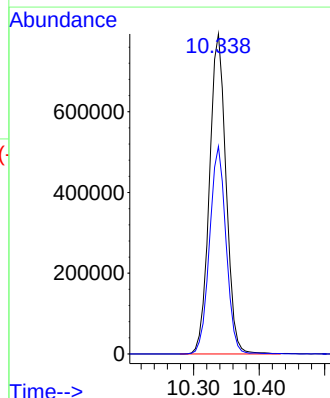
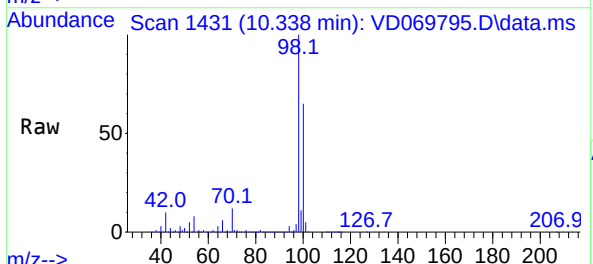
Acq: 21 Jul 2021 17:11

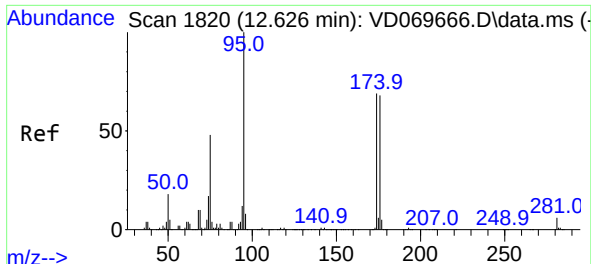
Tgt Ion: 98 Resp: 1396795

Ion Ratio Lower Upper

98 100

100 64.3 52.2 78.2

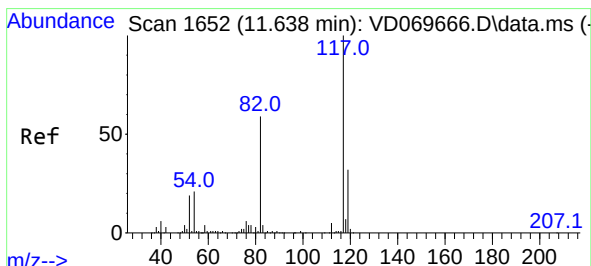
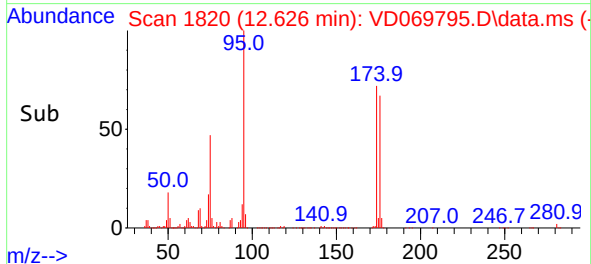
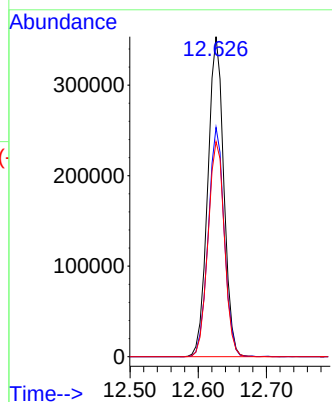
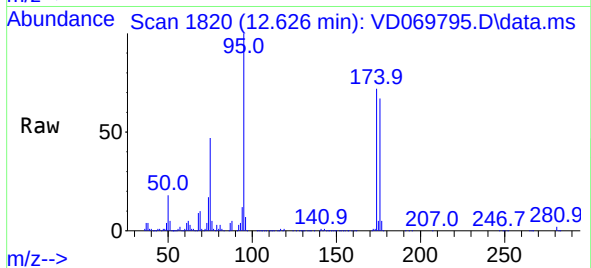




#62
4-Bromofluorobenzene
Concen: 64.433 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069795.D
Acq: 21 Jul 2021 17:11

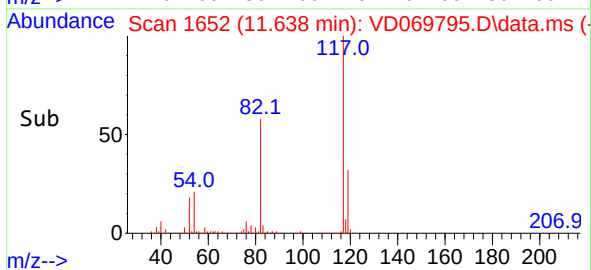
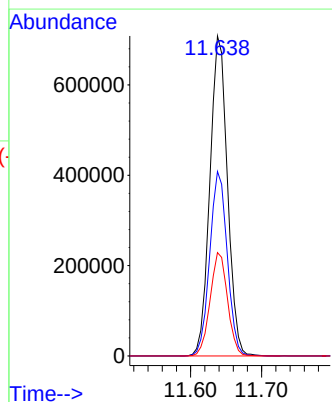
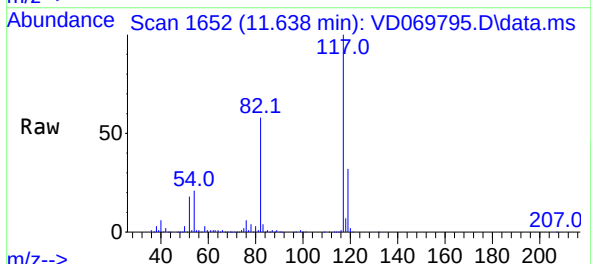
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MSVOA_D
ClientSampled :
TP-B

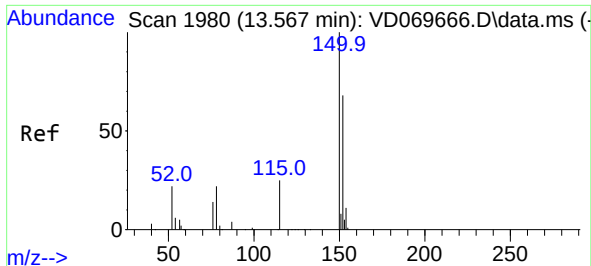
Tgt Ion: 95 Resp: 576681
Ion Ratio Lower Upper
95 100
174 71.5 0.0 140.0
176 68.7 0.0 136.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069795.D
Acq: 21 Jul 2021 17:11

Tgt Ion: 117 Resp: 1215557
Ion Ratio Lower Upper
117 100
82 57.7 47.4 71.2
119 32.3 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. 0.000 min
 Lab File: VD069795.D
 Acq: 21 Jul 2021 17:11

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-B

Tgt Ion:152 Resp: 575118
 Ion Ratio Lower Upper
 152 100
 115 62.9 31.7 95.1
 150 157.4 0.0 350.4

