

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072121\
 Data File : VD069794.D
 Acq On : 21 Jul 2021 16:43
 Operator : VA/SY
 Sample : M3135-01
 Misc : 4.33G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-A

Quant Time: Jul 22 03:42:15 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)

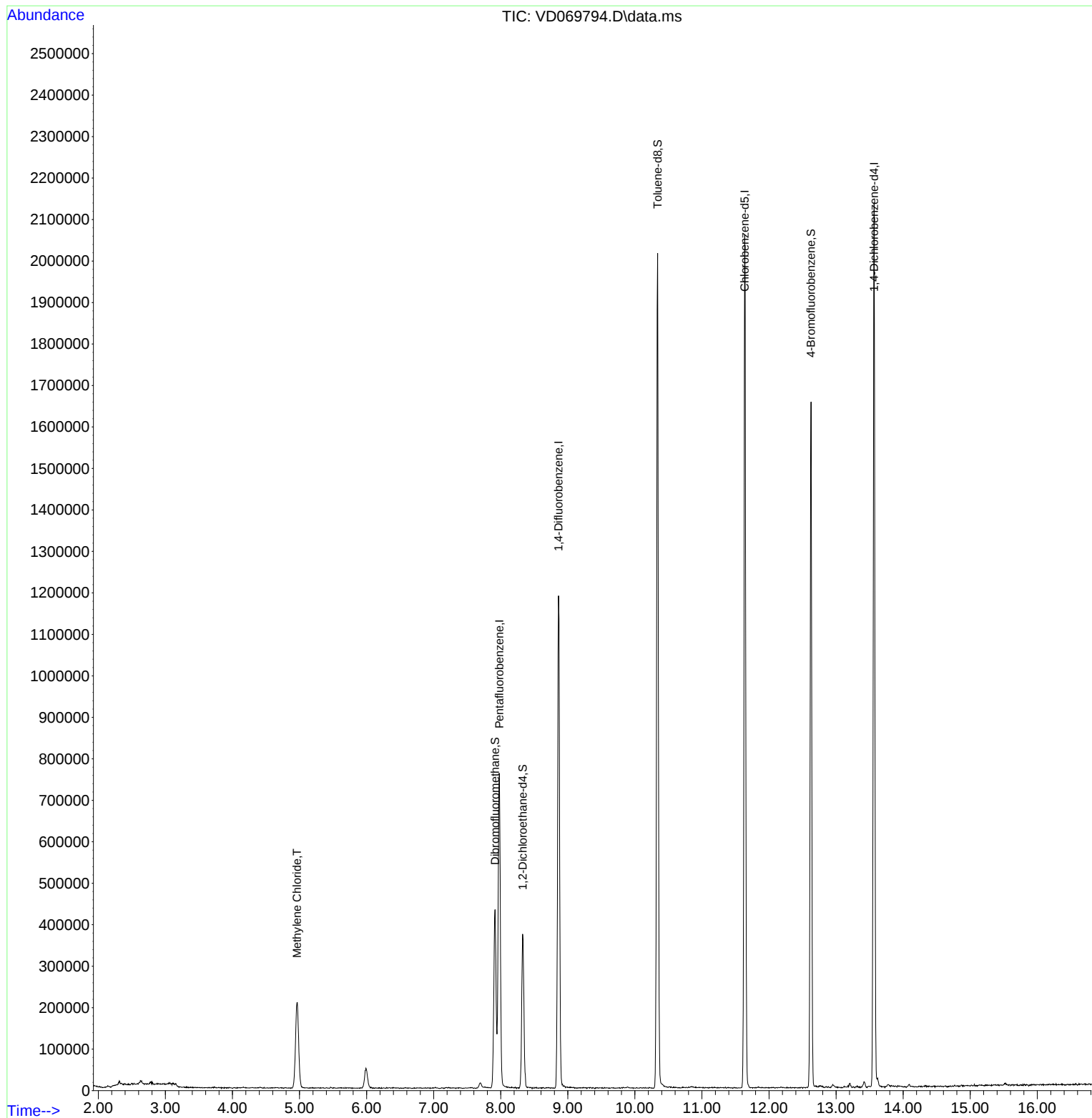
Internal Standards						
1) Pentafluorobenzene	7.979	168	536168	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1015822	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1202438	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	566047	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	294227	43.949	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.900%
35) Dibromofluoromethane	7.914	113	319228	46.842	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.680%
50) Toluene-d8	10.338	98	1361486	51.423	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.840%
62) 4-Bromofluorobenzene	12.626	95	566828	64.193	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	128.380%
Target Compounds						
20) Methylene Chloride	4.962	84	170054	14.118	ug/l	Qvalue 92

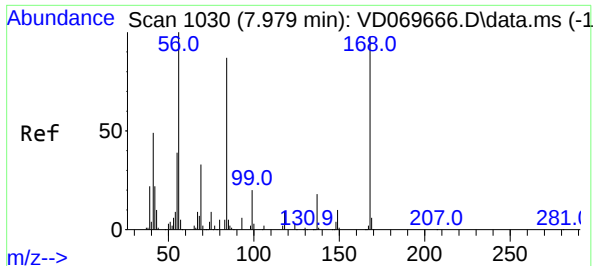
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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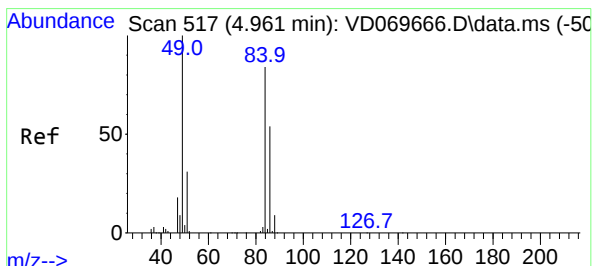
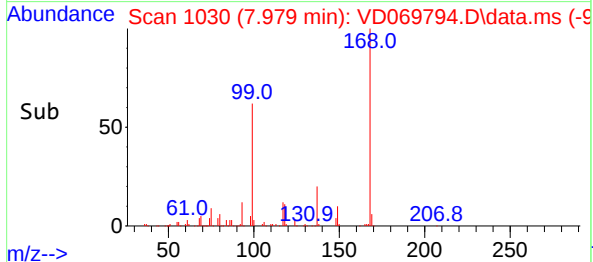
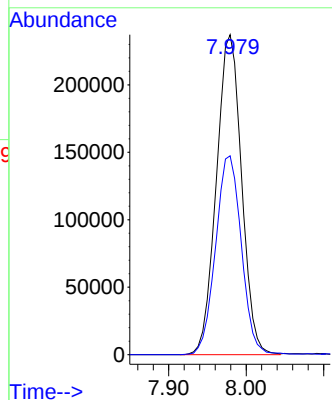
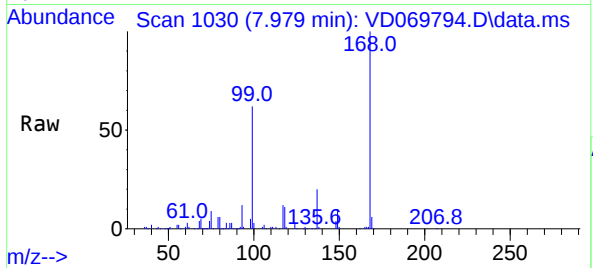




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069794.D
Acq: 21 Jul 2021 16:43

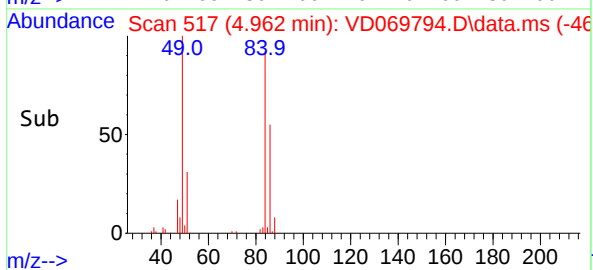
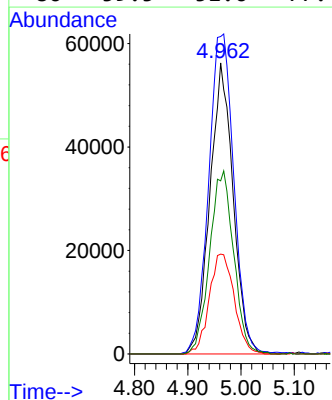
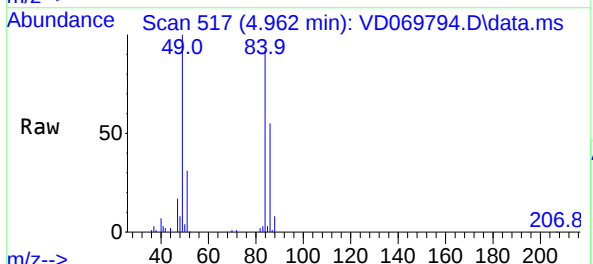
Instrument :
MSVOA_D
ClientSampled :
TP-A

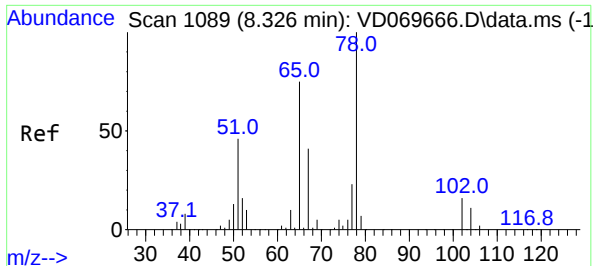
Tgt Ion:168 Resp: 536168
Ion Ratio Lower Upper
168 100
99 62.2 51.8 77.6



#20
Methylene Chloride
Concen: 14.118 ug/l
RT: 4.962 min Scan# 517
Delta R.T. 0.001 min
Lab File: VD069794.D
Acq: 21 Jul 2021 16:43

Tgt Ion: 84 Resp: 170054
Ion Ratio Lower Upper
84 100
49 109.1 95.5 143.3
51 34.3 29.7 44.5
86 59.5 51.6 77.4

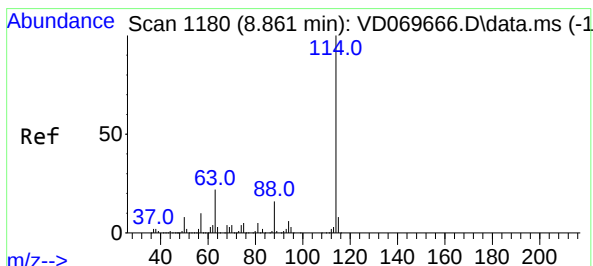
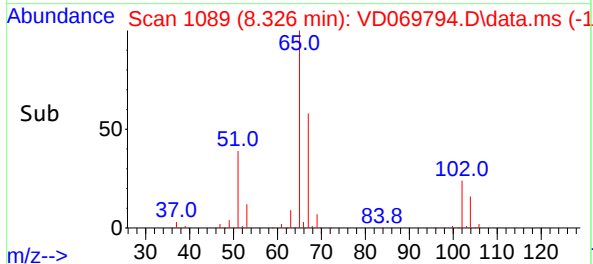
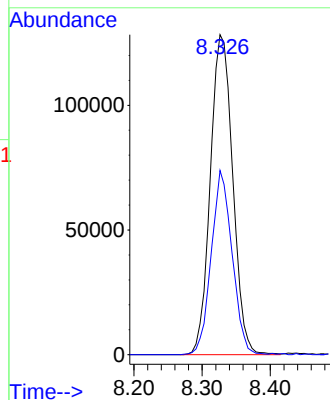
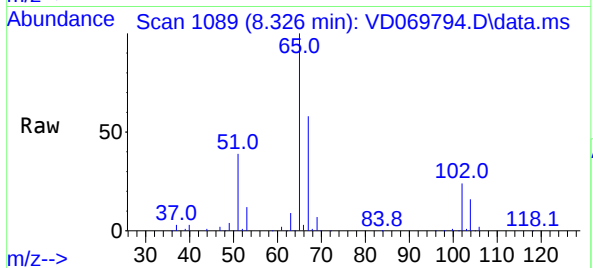




#33
1,2-Dichloroethane-d4
Concen: 43.949 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD069794.D
Acq: 21 Jul 2021 16:43

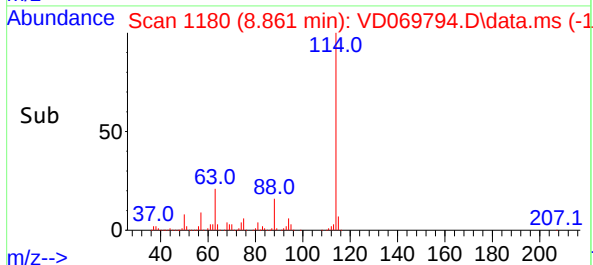
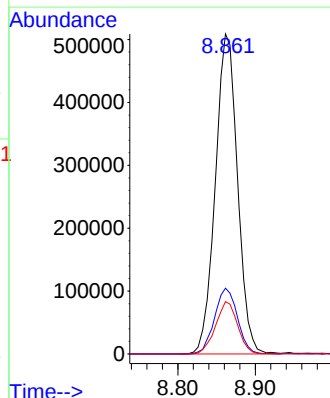
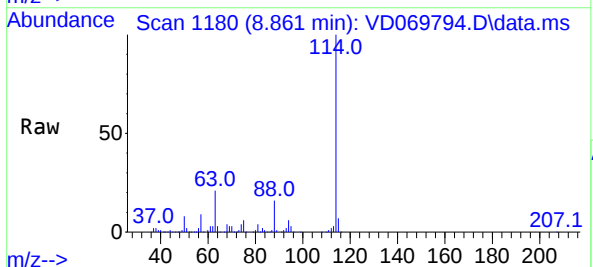
Instrument :
MSVOA_D
ClientSampled :
TP-A

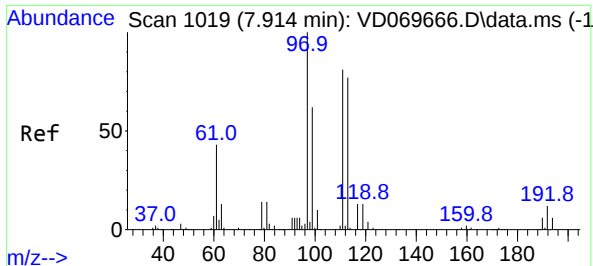
Tgt Ion: 65 Resp: 294227
Ion Ratio Lower Upper
65 100
67 53.6 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069794.D
Acq: 21 Jul 2021 16:43

Tgt Ion:114 Resp: 1015822
Ion Ratio Lower Upper
114 100
63 20.5 0.0 43.4
88 16.4 0.0 32.0

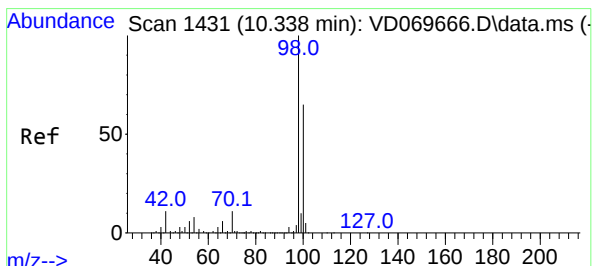
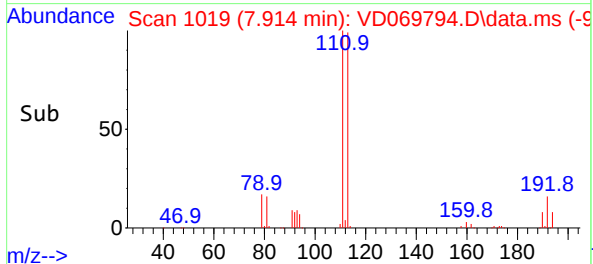
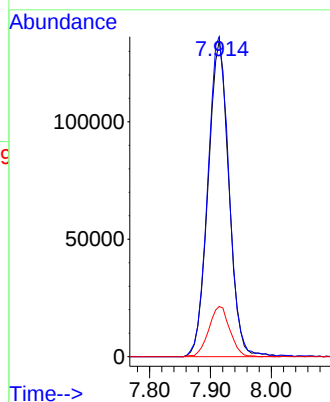
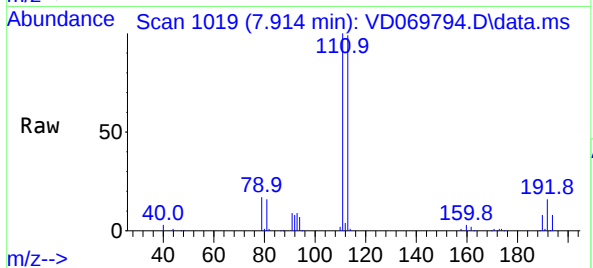




#35
Dibromofluoromethane
Concen: 46.842 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069794.D
Acq: 21 Jul 2021 16:43

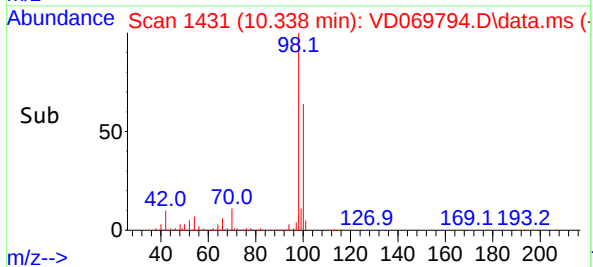
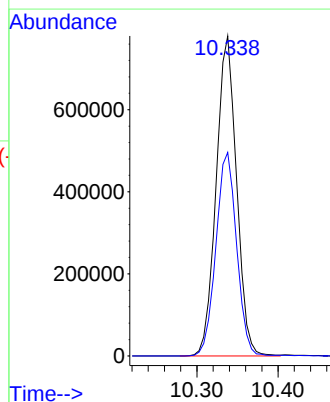
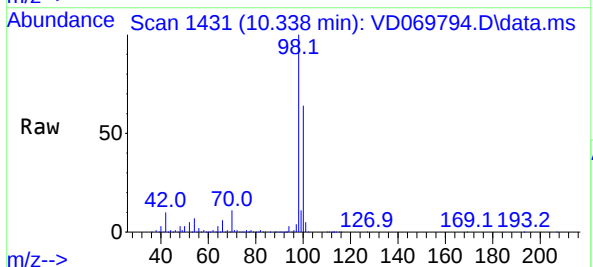
Instrument :
MSVOA_D
ClientSampled :
TP-A

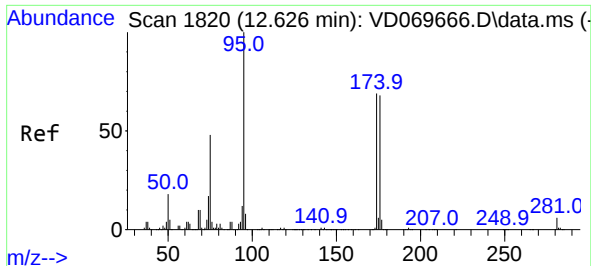
Tgt Ion:113 Resp: 319228
Ion Ratio Lower Upper
113 100
111 102.7 82.6 123.8
192 16.0 12.7 19.1



#50
Toluene-d8
Concen: 51.423 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069794.D
Acq: 21 Jul 2021 16:43

Tgt Ion: 98 Resp: 1361486
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.2

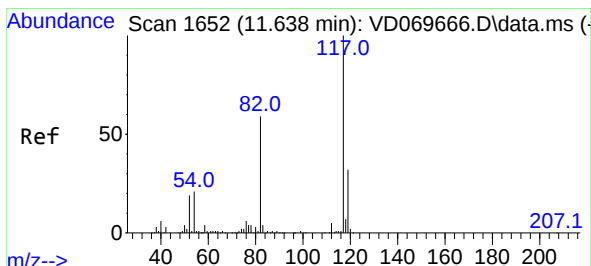
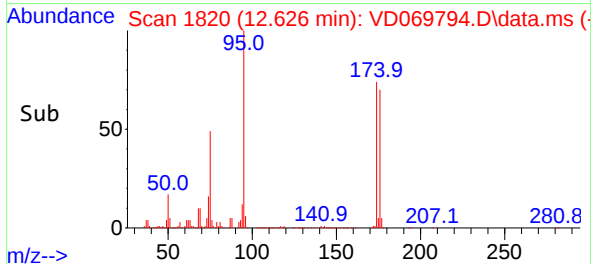
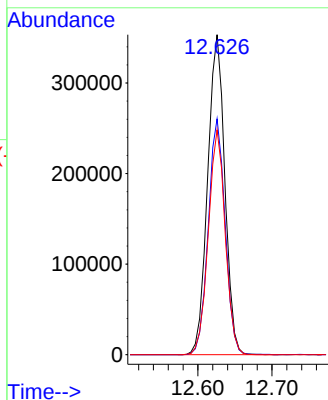
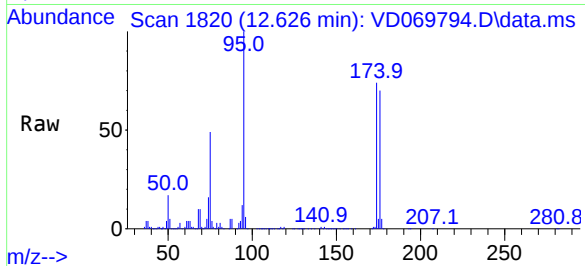




#62
4-Bromofluorobenzene
Concen: 64.193 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069794.D
Acq: 21 Jul 2021 16:43

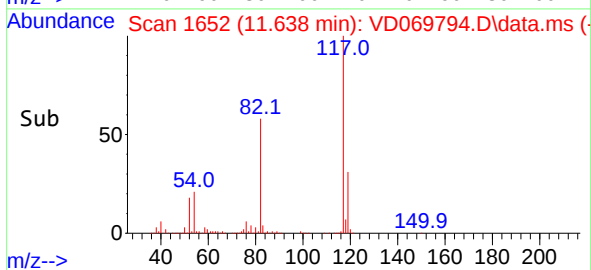
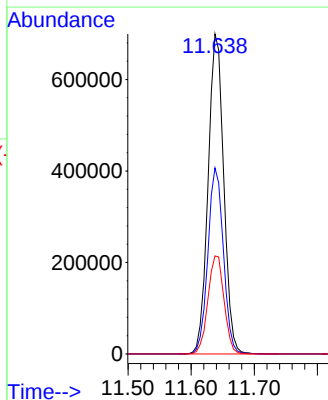
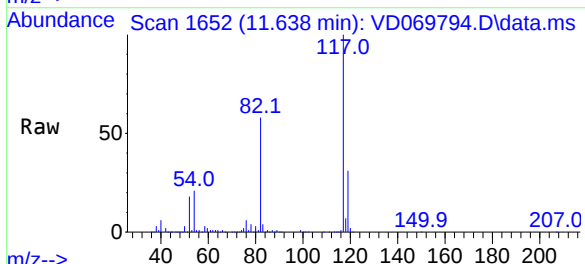
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ClientSampled :
TP-A

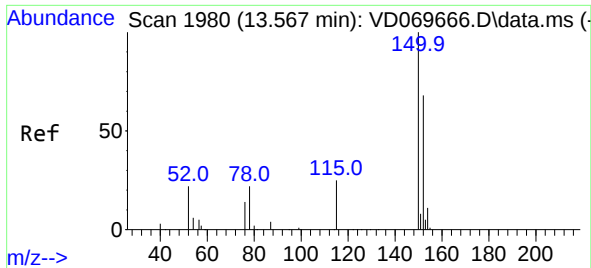
Tgt Ion: 95 Resp: 566828
Ion Ratio Lower Upper
95 100
174 72.8 0.0 140.0
176 69.2 0.0 136.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069794.D
Acq: 21 Jul 2021 16:43

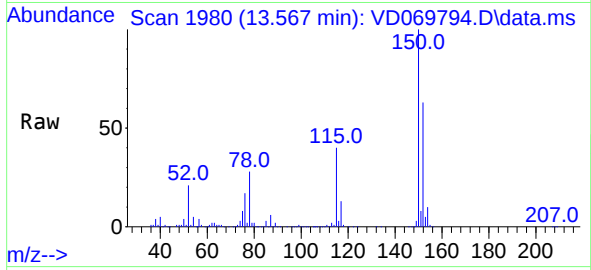
Tgt Ion: 117 Resp: 1202438
Ion Ratio Lower Upper
117 100
82 58.2 47.4 71.2
119 30.6 25.5 38.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD069794.D
Acq: 21 Jul 2021 16:43

Instrument :
MSVOA_D
ClientSampleId :
TP-A



Tgt Ion:	152	Resp:	566047
Ion	Ratio	Lower	Upper
152	100		
115	62.3	31.7	95.1
150	155.5	0.0	350.4

