

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110322\
 Data File : VD074724.D
 Acq On : 03 Nov 2022 19:19
 Operator : VA/SY
 Sample : N5396-01
 Misc : 5.18G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-A

Quant Time: Nov 04 00:04:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

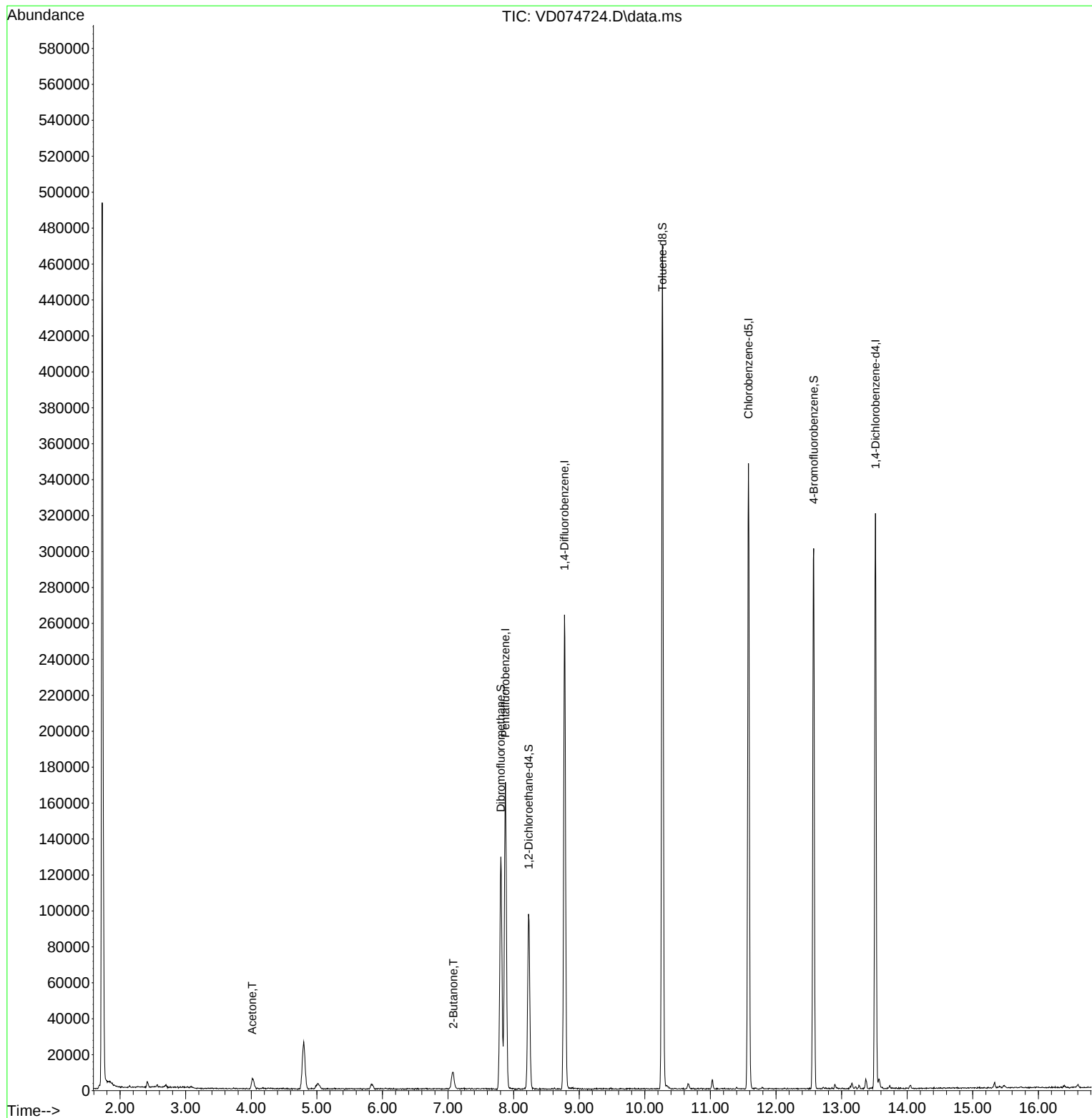
Internal Standards						
1) Pentafluorobenzene	7.875	168	138018	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	249214	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	222626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	92327	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	77531	70.926	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 141.860%	
35) Dibromofluoromethane	7.805	113	92729	62.901	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 125.800%	
50) Toluene-d8	10.269	98	329594	61.292	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 122.580%	
62) 4-Bromofluorobenzene	12.575	95	94954	61.156	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 122.320%	
Target Compounds						Qvalue
16) Acetone	4.017	43	10280	45.065	ug/l	90
25) 2-Butanone	7.081	43	3539	11.283	ug/l	93

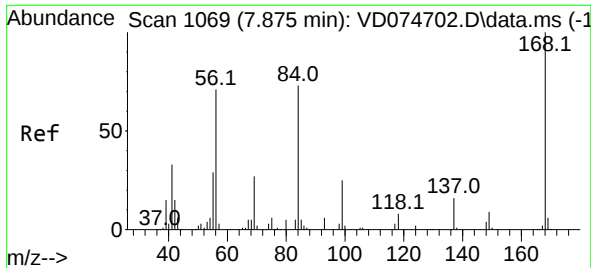
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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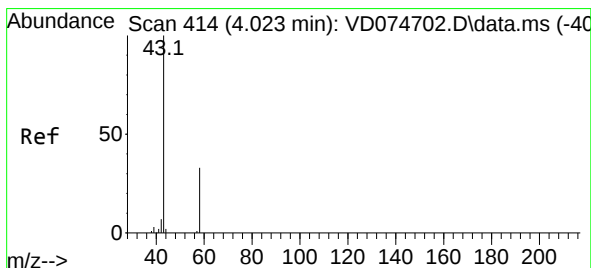
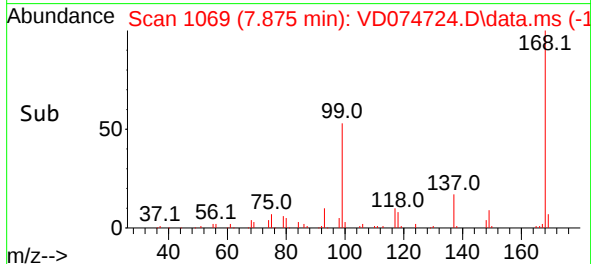
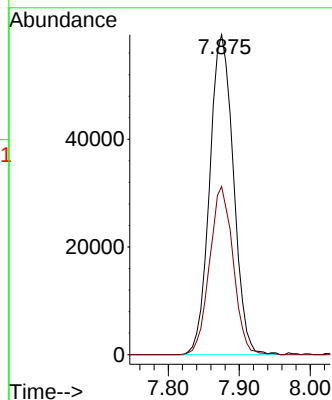
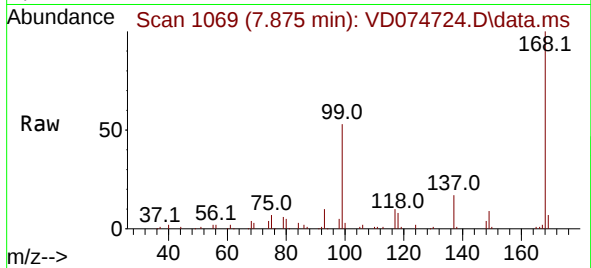




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074724.D
Acq: 03 Nov 2022 19:19

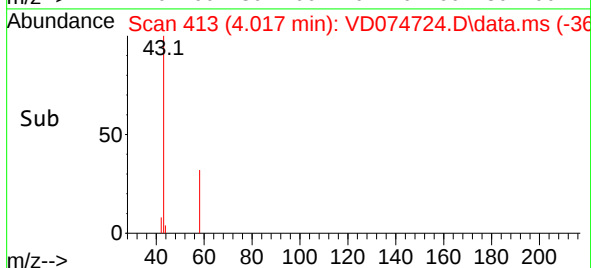
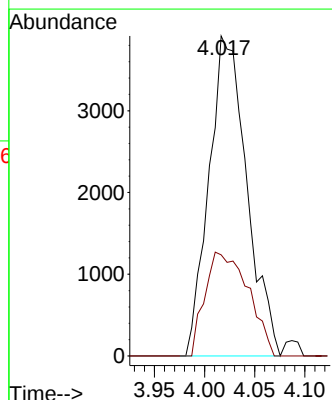
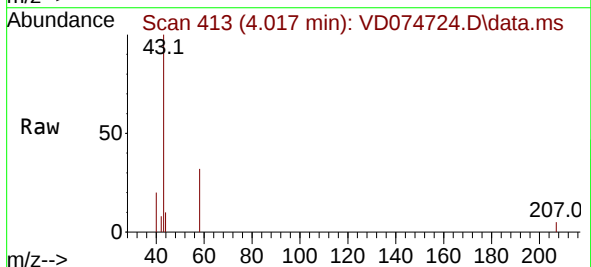
Instrument :
MSVOA_D
ClientSampleId :
TP-A

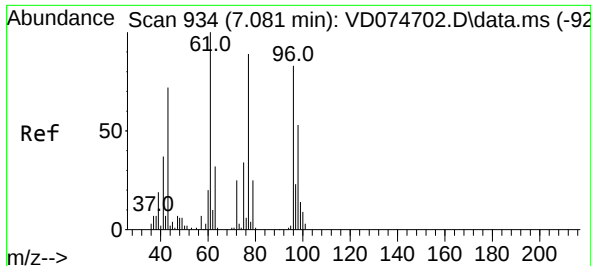
Tgt Ion:168 Resp: 138018
Ion Ratio Lower Upper
168 100
99 52.5 40.9 61.3



#16
Acetone
Concen: 45.065 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD074724.D
Acq: 03 Nov 2022 19:19

Tgt Ion: 43 Resp: 10280
Ion Ratio Lower Upper
43 100
58 31.6 30.2 45.2

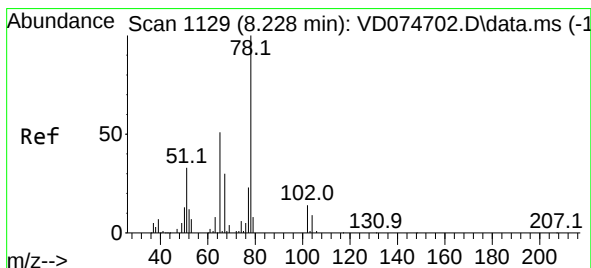
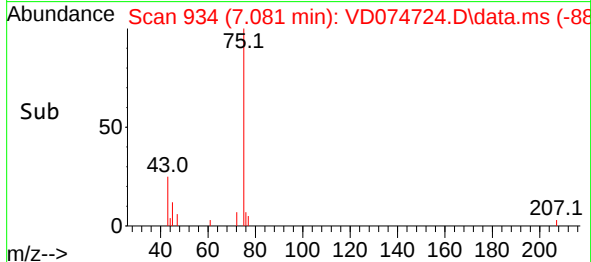
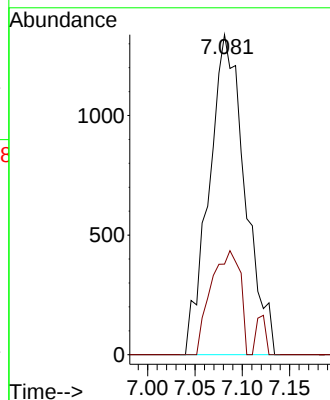
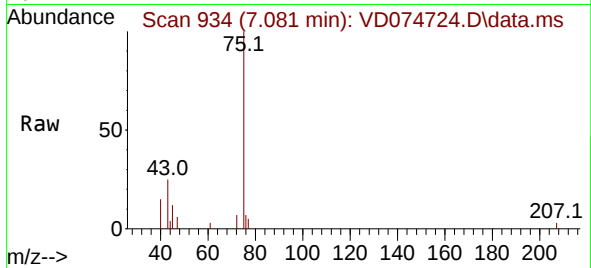




#25
2-Butanone
Concen: 11.283 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD074724.D
Acq: 03 Nov 2022 19:19

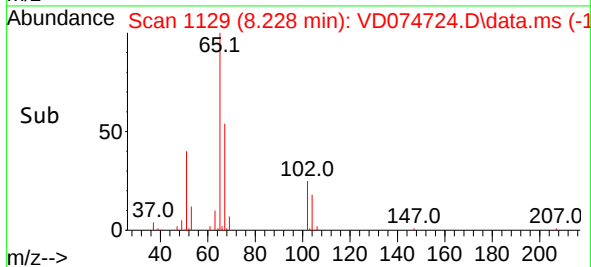
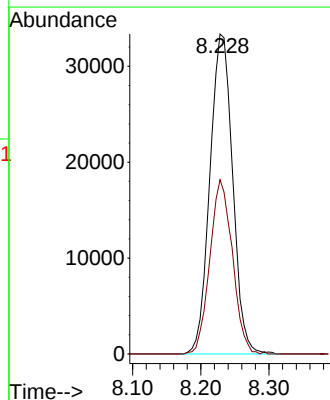
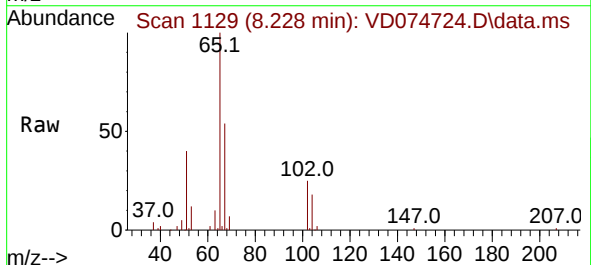
Instrument :
MSVOA_D
ClientSampleId :
TP-A

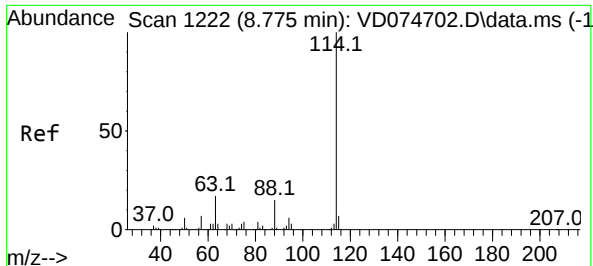
Tgt Ion: 43 Resp: 3539
Ion Ratio Lower Upper
43 100
72 28.3 25.8 38.8



#33
1,2-Dichloroethane-d4
Concen: 70.926 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074724.D
Acq: 03 Nov 2022 19:19

Tgt Ion: 65 Resp: 77531
Ion Ratio Lower Upper
65 100
67 54.0 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074724.D

Acq: 03 Nov 2022 19:19

Instrument :

MSVOA_D

ClientSampleId :

TP-A

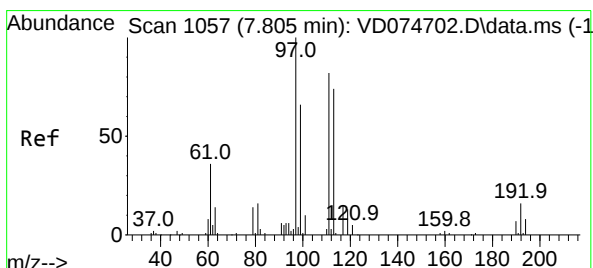
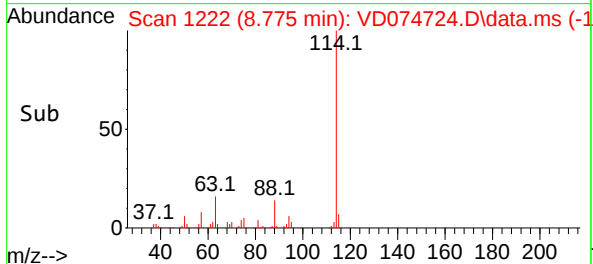
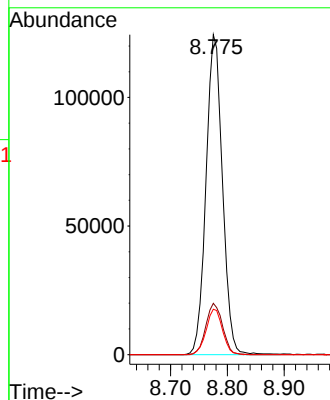
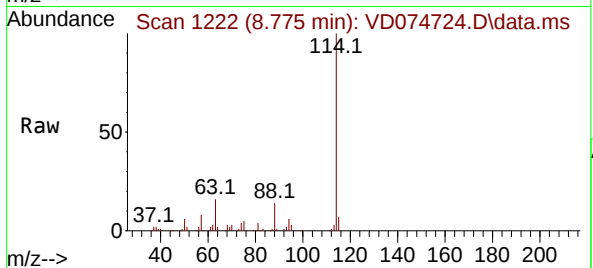
Tgt Ion:114 Resp: 249214

Ion Ratio Lower Upper

114 100

63 16.1 0.0 33.2

88 14.2 0.0 28.2



#35

Dibromofluoromethane

Concen: 62.901 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074724.D

Acq: 03 Nov 2022 19:19

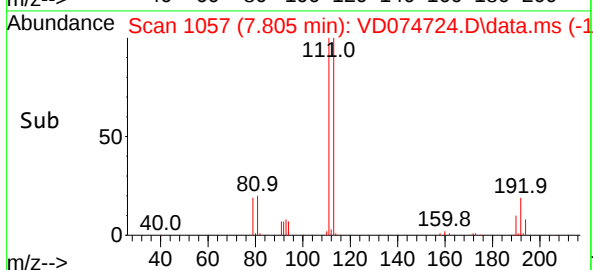
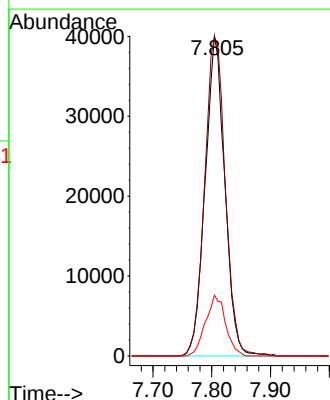
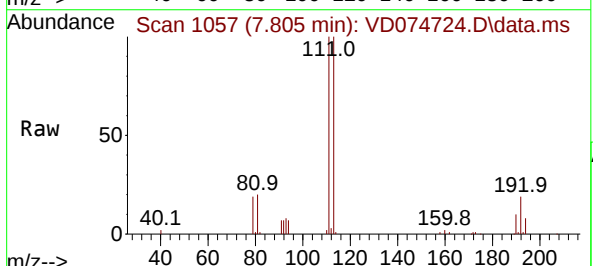
Tgt Ion:113 Resp: 92729

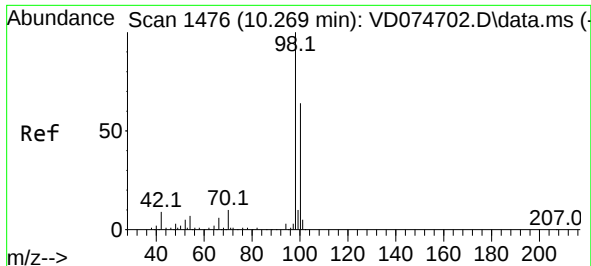
Ion Ratio Lower Upper

113 100

111 104.9 82.3 123.5

192 19.3 16.4 24.6

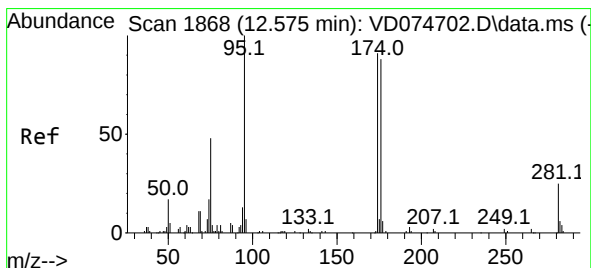
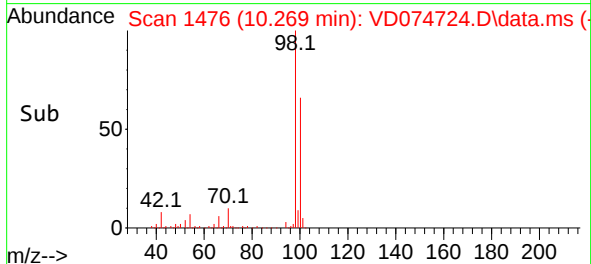
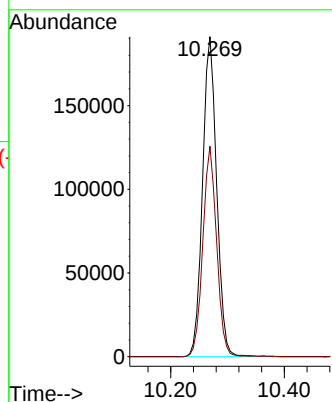
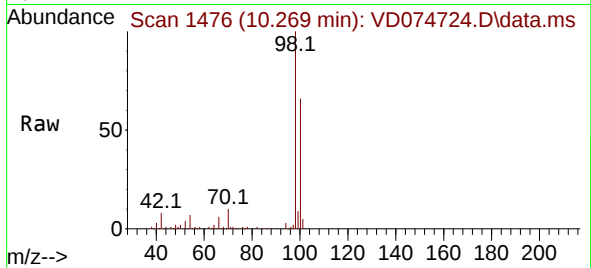




#50
Toluene-d8
Concen: 61.292 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074724.D
Acq: 03 Nov 2022 19:19

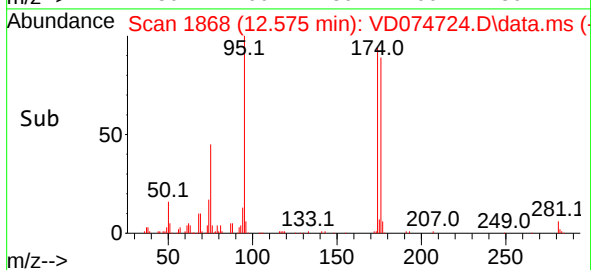
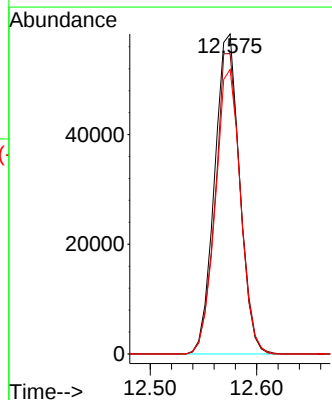
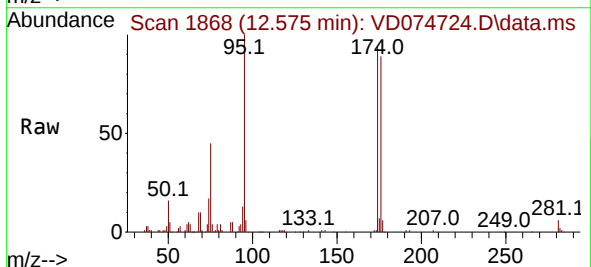
Instrument :
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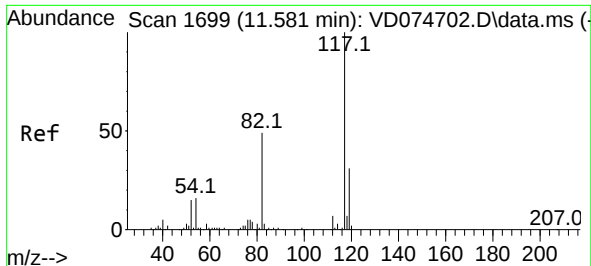
Tgt Ion: 98 Resp: 329594
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 61.156 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074724.D
Acq: 03 Nov 2022 19:19

Tgt Ion: 95 Resp: 94954
Ion Ratio Lower Upper
95 100
174 93.9 0.0 197.0
176 89.5 0.0 182.6

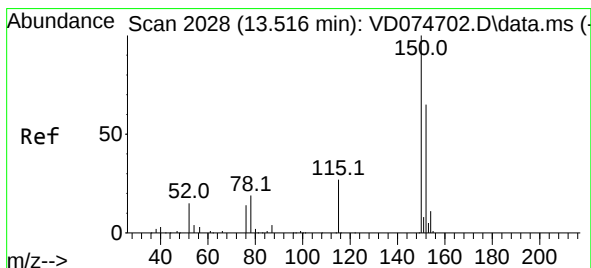
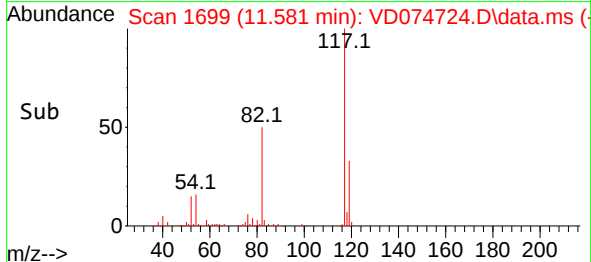
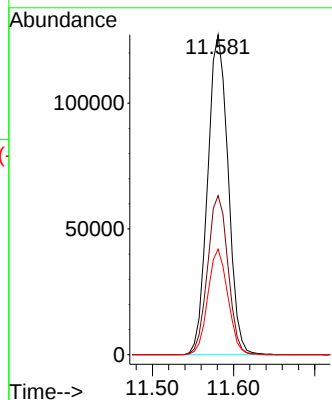
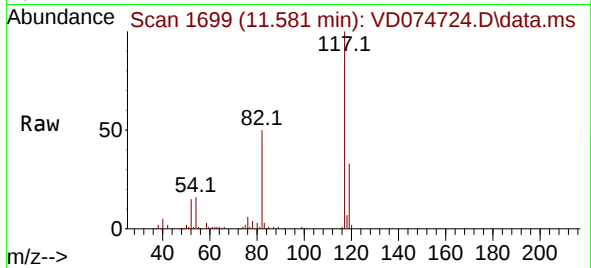




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074724.D
Acq: 03 Nov 2022 19:19

Instrument :
MSVOA_D
ClientSampleId :
TP-A

Tgt Ion:117 Resp: 222626
Ion Ratio Lower Upper
117 100
82 49.7 41.6 62.4
119 33.0 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD074724.D
Acq: 03 Nov 2022 19:19

Tgt Ion:152 Resp: 92327
Ion Ratio Lower Upper
152 100
115 54.6 26.8 80.4
150 155.8 0.0 348.2

