

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091922\
 Data File : VD074350.D
 Acq On : 19 Sep 2022 17:03
 Operator : VA/SY
 Sample : N4640-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-240

Quant Time: Sep 19 23:02:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 17 04:16:54 2022
 Response via : Initial Calibration

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

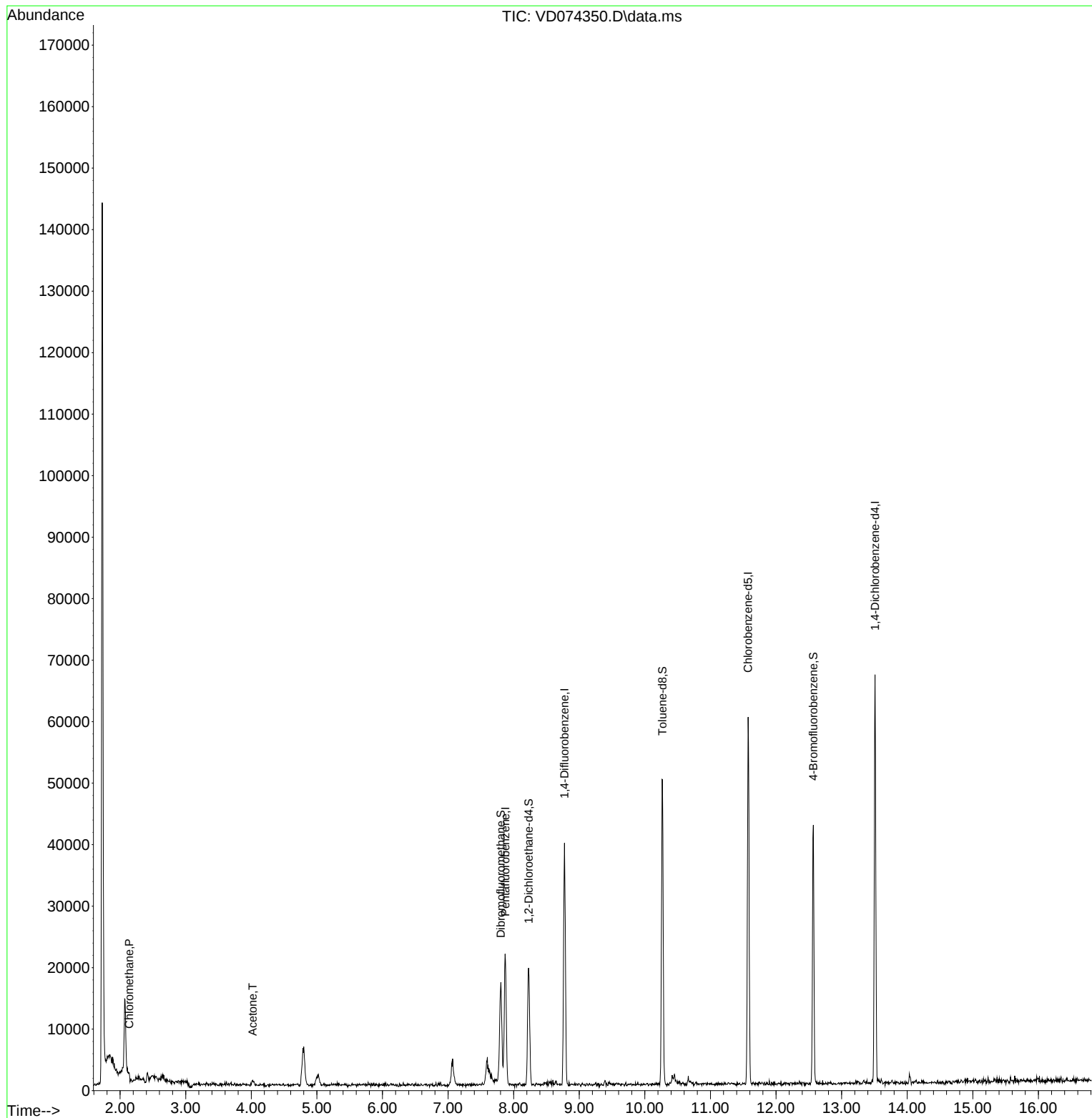
Internal Standards						
1) Pentafluorobenzene	7.875	168	16347	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	33860	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	35568	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	17792	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	15411	96.789	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	193.580%#
35) Dibromofluoromethane	7.804	113	12088	54.205	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.420%
50) Toluene-d8	10.269	98	35735	46.441	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.880%
62) 4-Bromofluorobenzene	12.569	95	12809	49.005	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.020%
Target Compounds						Qvalue
3) Chloromethane	2.140	50	343	2.395	ug/l #	85
16) Acetone	4.022	43	1348	37.579	ug/l #	84

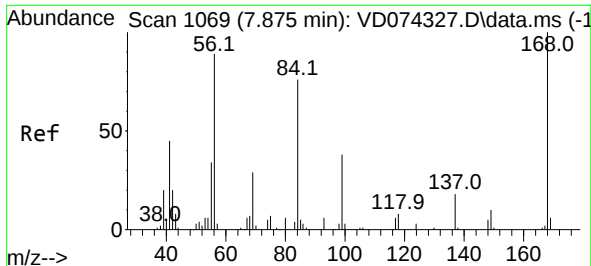
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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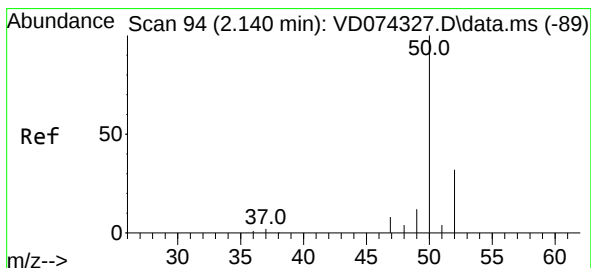
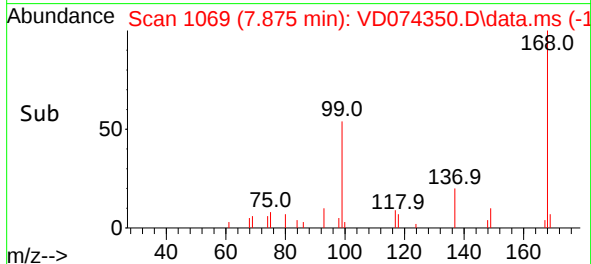
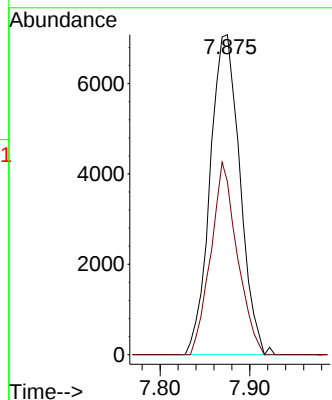
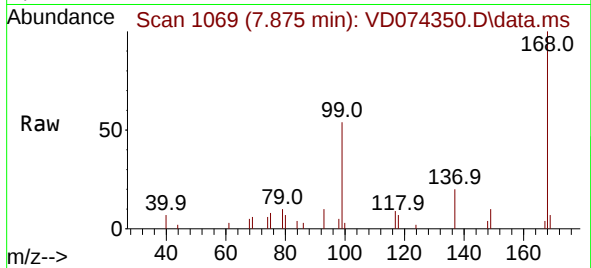




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074350.D
Acq: 19 Sep 2022 17:03

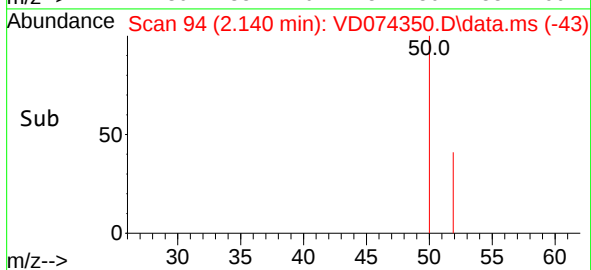
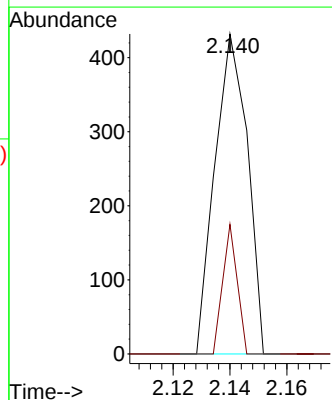
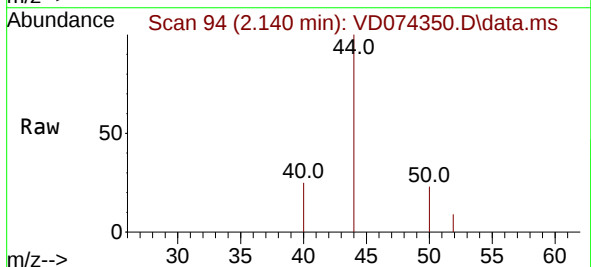
Instrument :
MSVOA_D
ClientSampleId :
VNJ-240

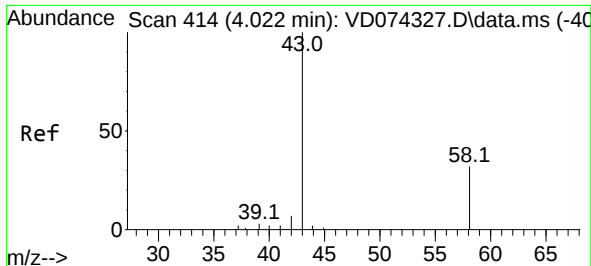
Tgt Ion:168 Resp: 16347
Ion Ratio Lower Upper
168 100
99 54.1 43.0 64.6



#3
Chloromethane
Concen: 2.395 ug/l
RT: 2.140 min Scan# 94
Delta R.T. 0.000 min
Lab File: VD074350.D
Acq: 19 Sep 2022 17:03

Tgt Ion: 50 Resp: 343
Ion Ratio Lower Upper
50 100
52 40.5 25.8 38.8#

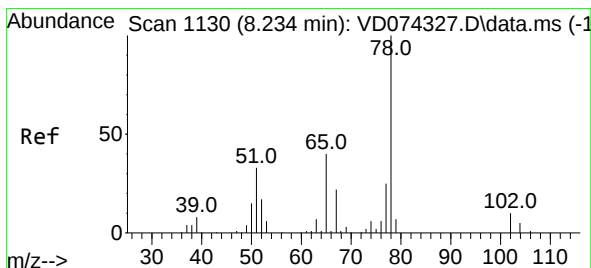
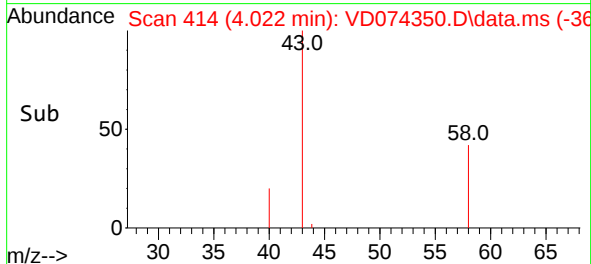
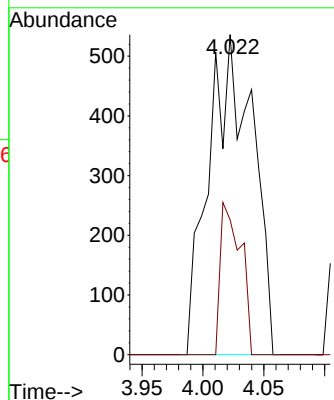
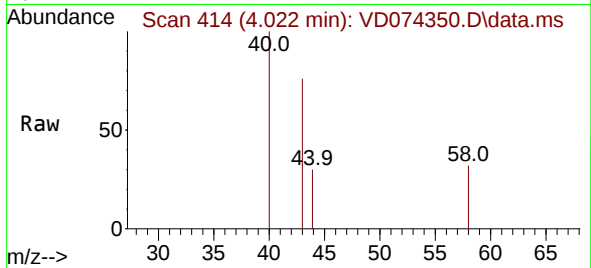




#16
Acetone
Concen: 37.579 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD074350.D
Acq: 19 Sep 2022 17:03

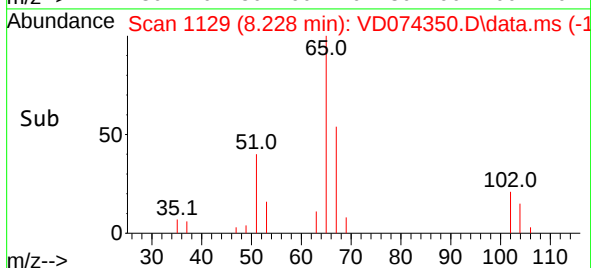
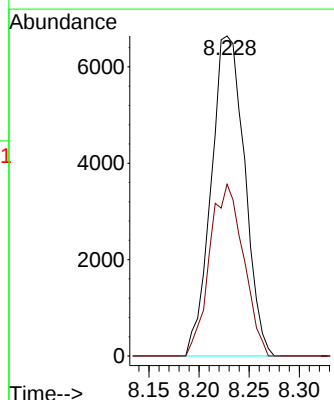
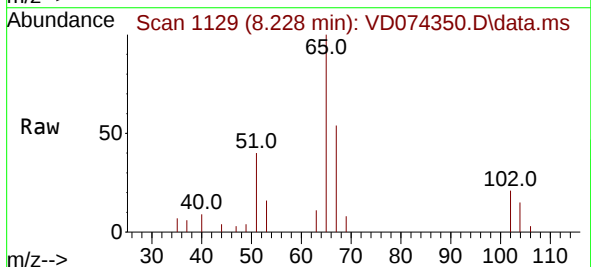
Instrument :
MSVOA_D
ClientSampleId :
VNJ-240

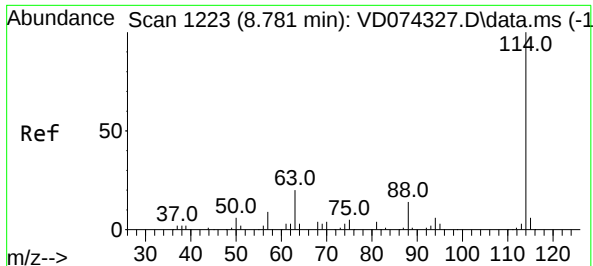
Tgt Ion: 43 Resp: 1348
Ion Ratio Lower Upper
43 100
58 42.2 26.4 39.6#



#33
1,2-Dichloroethane-d4
Concen: 96.789 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD074350.D
Acq: 19 Sep 2022 17:03

Tgt Ion: 65 Resp: 15411
Ion Ratio Lower Upper
65 100
67 54.2 0.0 110.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD074350.D

Acq: 19 Sep 2022 17:03

Instrument :

MSVOA_D

ClientSampleId :

VNJ-240

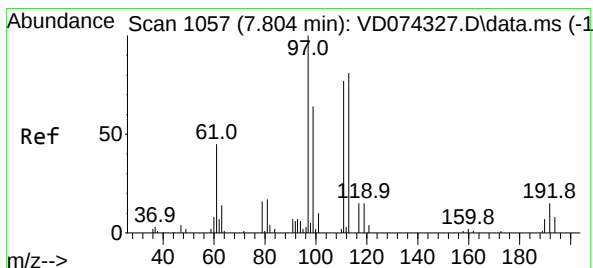
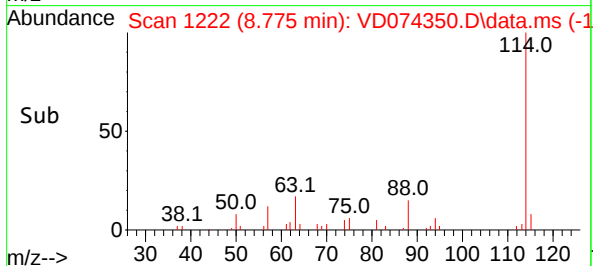
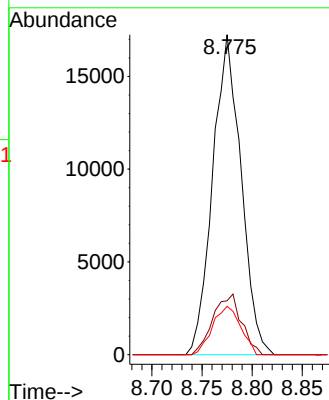
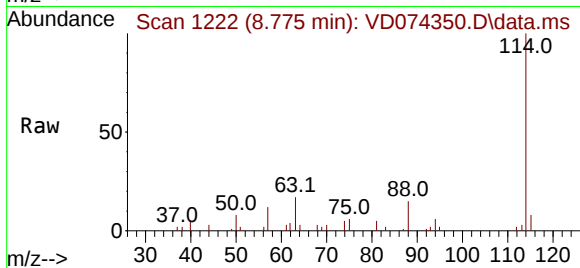
Tgt Ion:114 Resp: 33860

Ion Ratio Lower Upper

114 100

63 16.9 0.0 37.6

88 15.1 0.0 28.4



#35

Dibromofluoromethane

Concen: 54.205 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD074350.D

Acq: 19 Sep 2022 17:03

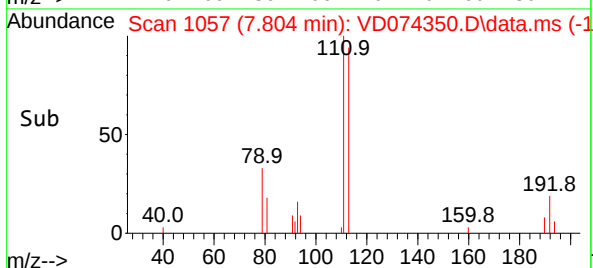
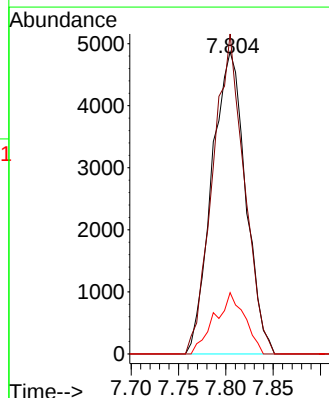
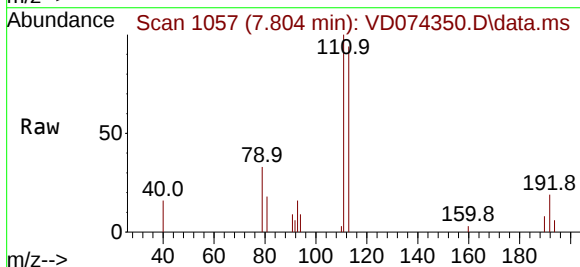
Tgt Ion:113 Resp: 12088

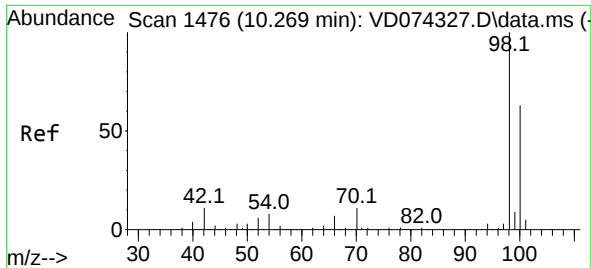
Ion Ratio Lower Upper

113 100

111 98.9 83.0 124.6

192 18.1 16.2 24.2

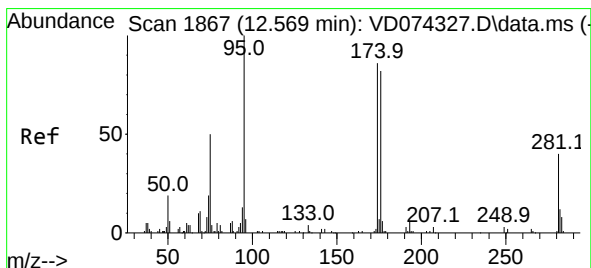
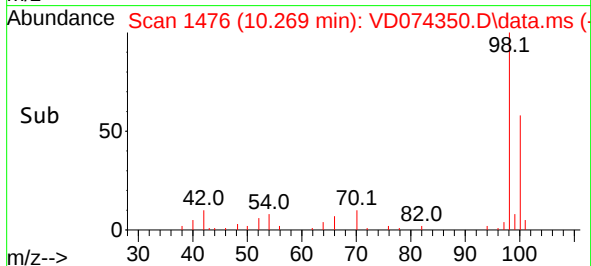
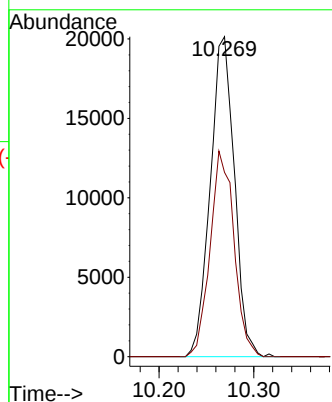
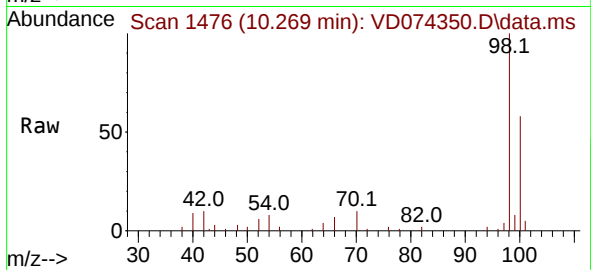




#50
Toluene-d8
Concen: 46.441 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074350.D
Acq: 19 Sep 2022 17:03

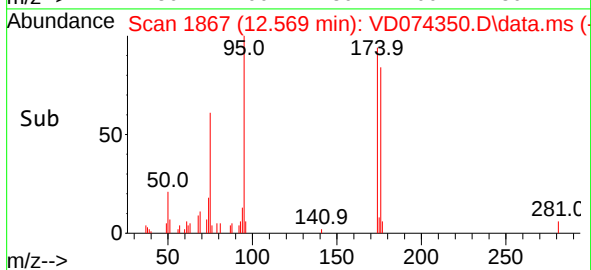
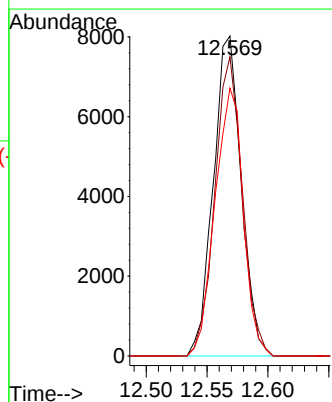
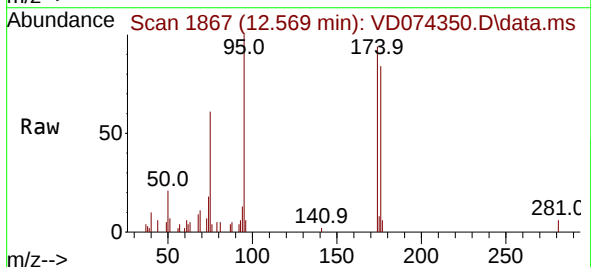
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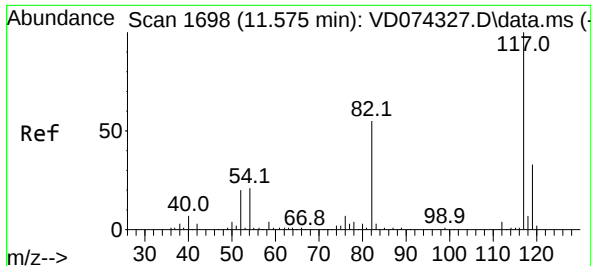
Tgt Ion: 98 Resp: 35735
Ion Ratio Lower Upper
98 100
100 63.6 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 49.005 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074350.D
Acq: 19 Sep 2022 17:03

Tgt Ion: 95 Resp: 12809
Ion Ratio Lower Upper
95 100
174 91.8 0.0 179.2
176 84.5 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.575 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD074350.D

Acq: 19 Sep 2022 17:03

Instrument :

MSVOA_D

ClientSampleId :

VNJ-240

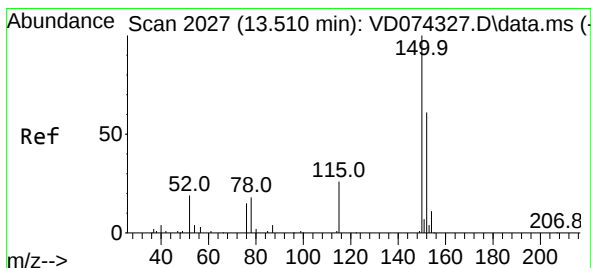
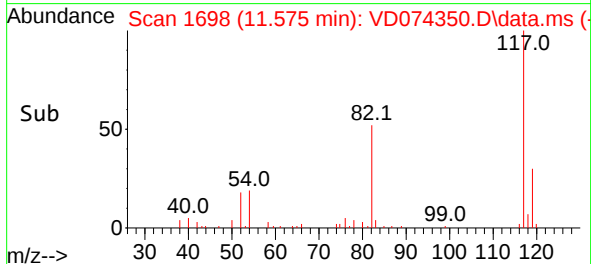
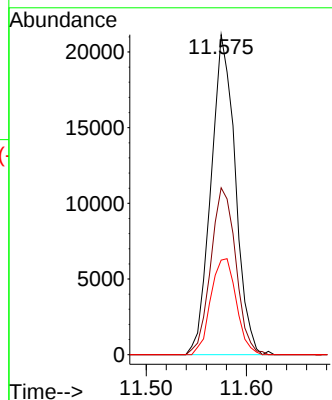
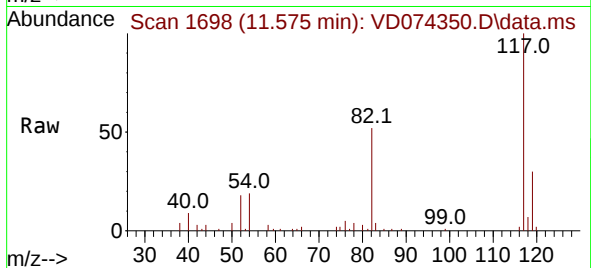
Tgt Ion:117 Resp: 35568

Ion Ratio Lower Upper

117 100

82 52.2 44.2 66.2

119 29.6 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.510 min Scan# 2027

Delta R.T. 0.000 min

Lab File: VD074350.D

Acq: 19 Sep 2022 17:03

Tgt Ion:152 Resp: 17792

Ion Ratio Lower Upper

152 100

115 57.2 28.4 85.2

150 154.7 0.0 351.0

