

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092022\
 Data File : VD074372.D
 Acq On : 20 Sep 2022 18:16
 Operator : VA/SY
 Sample : N4668-05
 Misc : 6.41G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A2-9-18

Quant Time: Sep 21 02:25:27 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)

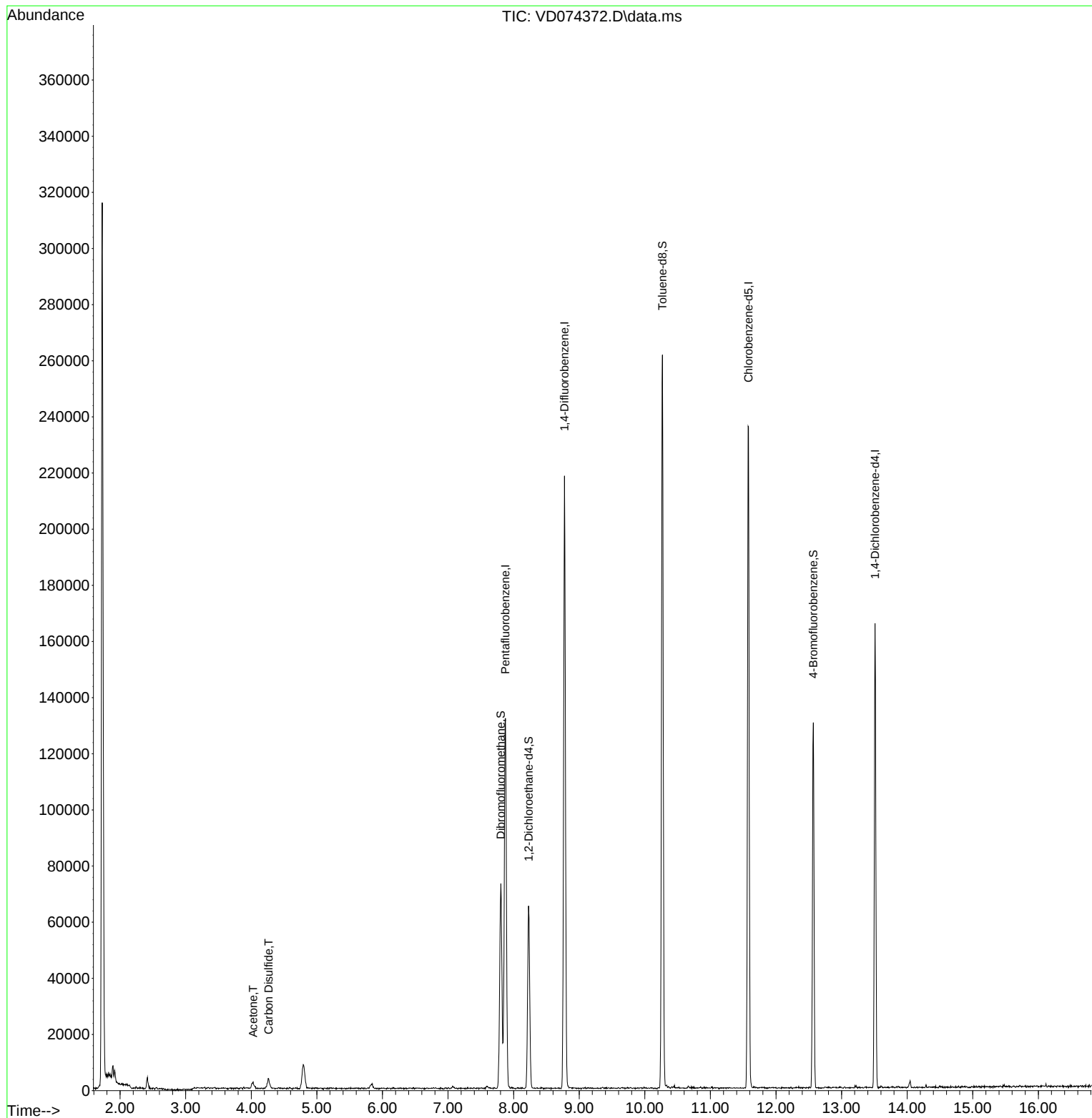
Internal Standards						
1) Pentafluorobenzene	7.875	168	103221	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	186192	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	142369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	43856	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	50520	50.249	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.500%
35) Dibromofluoromethane	7.805	113	52910	43.147	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.300%
50) Toluene-d8	10.269	98	187974	44.425	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.860%
62) 4-Bromofluorobenzene	12.569	95	40033	25.068	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	50.140%
Target Compounds						
16) Acetone	4.028	43	3574	15.779	ug/l	97
17) Carbon Disulfide	4.264	76	7219	2.003	ug/l	97

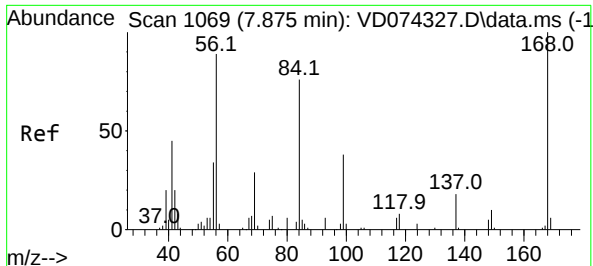
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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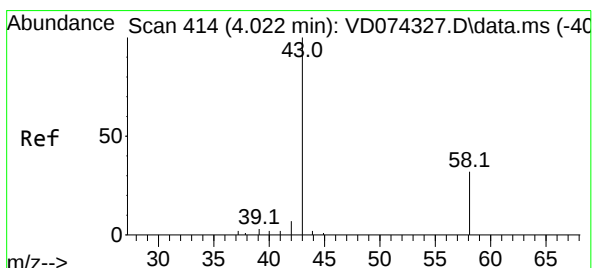
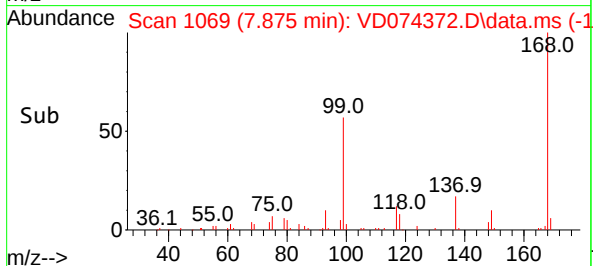
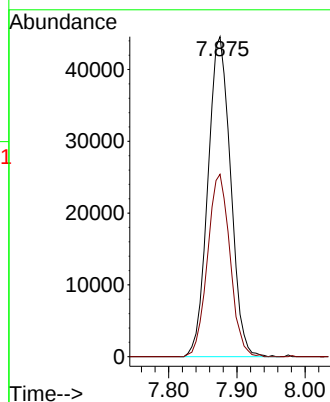
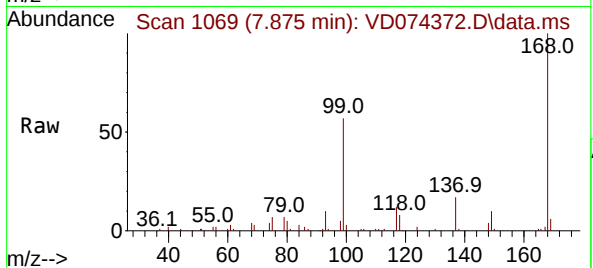




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074372.D
Acq: 20 Sep 2022 18:16

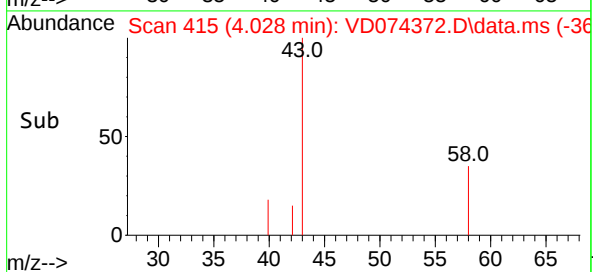
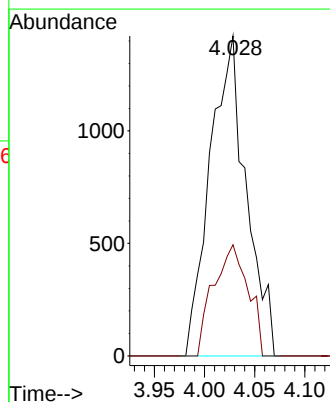
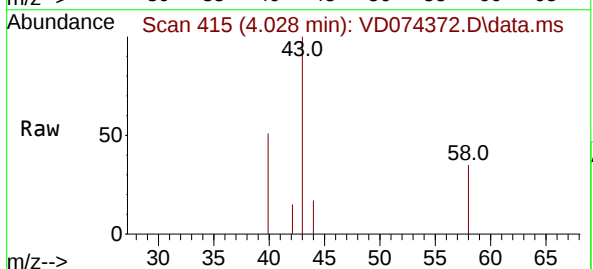
Instrument :
MSVOA_D
ClientSampleId :
A2-9-18

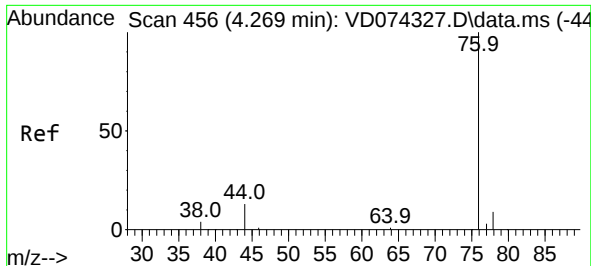
Tgt Ion:168 Resp: 103221
Ion Ratio Lower Upper
168 100
99 57.0 43.0 64.6



#16
Acetone
Concen: 15.779 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD074372.D
Acq: 20 Sep 2022 18:16

Tgt Ion: 43 Resp: 3574
Ion Ratio Lower Upper
43 100
58 34.7 26.4 39.6

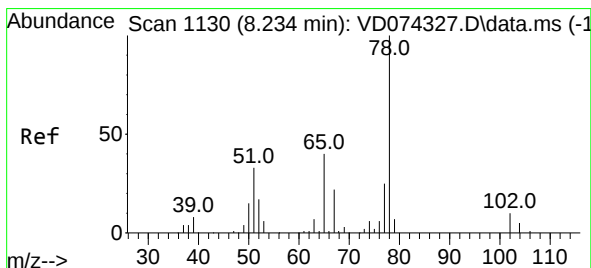
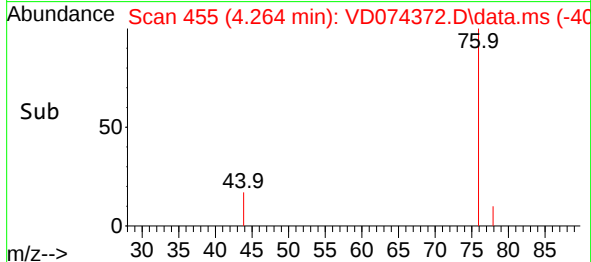
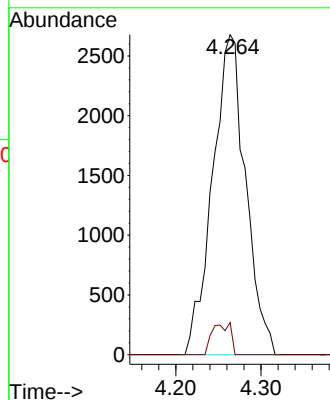
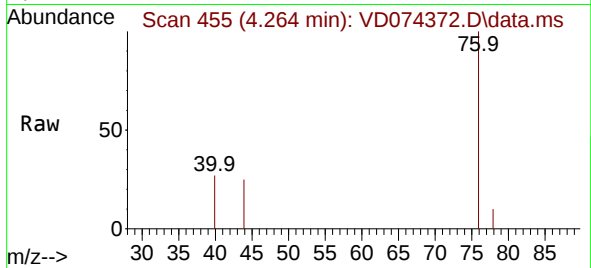




#17
Carbon Disulfide
Concen: 2.003 ug/l
RT: 4.264 min Scan# 41
Delta R.T. -0.005 min
Lab File: VD074372.D
Acq: 20 Sep 2022 18:16

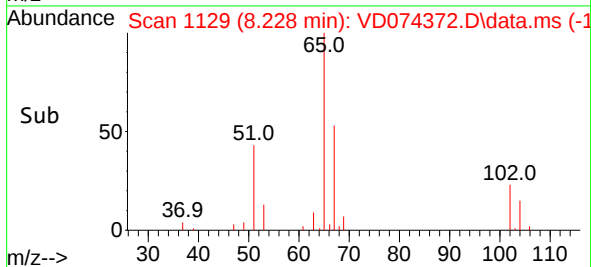
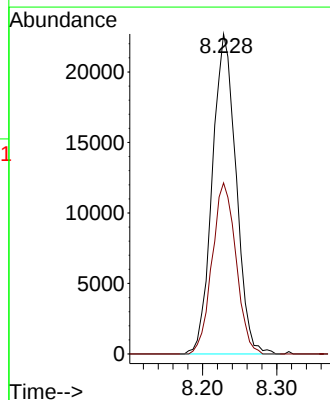
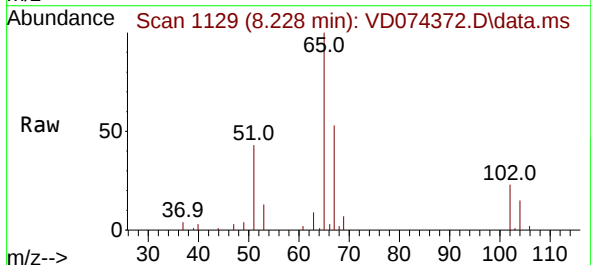
Instrument :
MSVOA_D
ClientSampleId :
A2-9-18

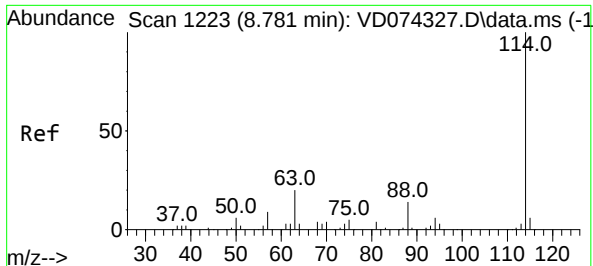
Tgt Ion: 76 Resp: 7219
Ion Ratio Lower Upper
76 100
78 10.1 7.2 10.8



#33
1,2-Dichloroethane-d4
Concen: 50.249 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD074372.D
Acq: 20 Sep 2022 18:16

Tgt Ion: 65 Resp: 50520
Ion Ratio Lower Upper
65 100
67 53.7 0.0 110.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD074372.D

Acq: 20 Sep 2022 18:16

Instrument :

MSVOA_D

ClientSampleId :

A2-9-18

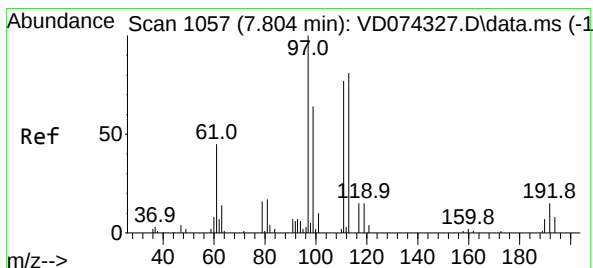
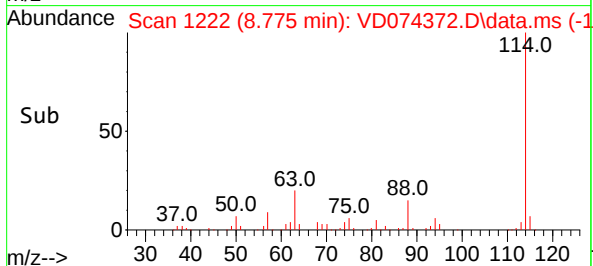
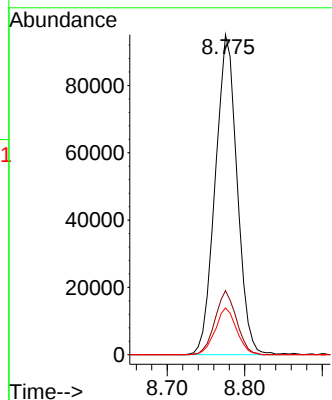
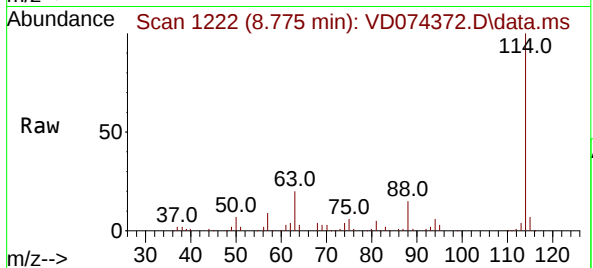
Tgt Ion:114 Resp: 186192

Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.6

88 14.6 0.0 28.4



#35

Dibromofluoromethane

Concen: 43.147 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.001 min

Lab File: VD074372.D

Acq: 20 Sep 2022 18:16

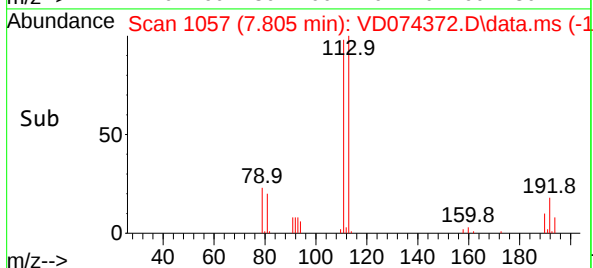
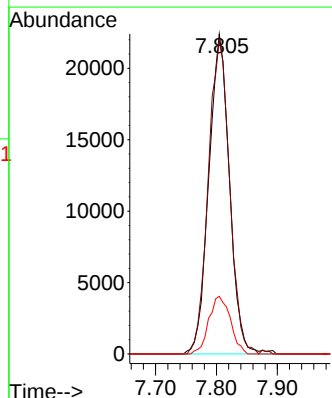
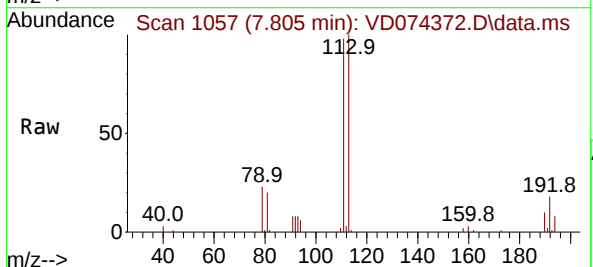
Tgt Ion:113 Resp: 52910

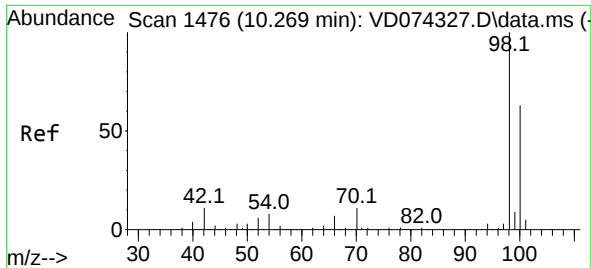
Ion Ratio Lower Upper

113 100

111 100.8 83.0 124.6

192 18.7 16.2 24.2

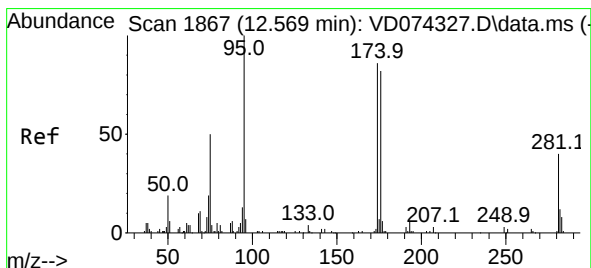
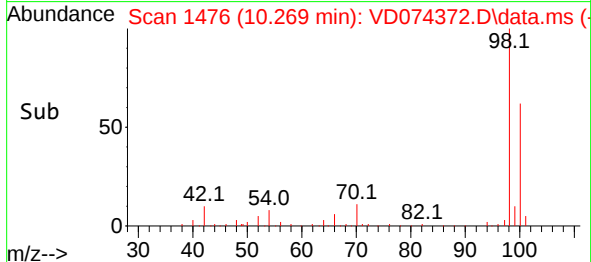
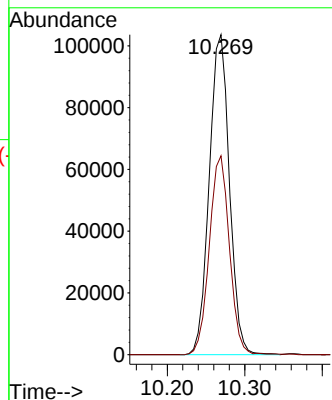
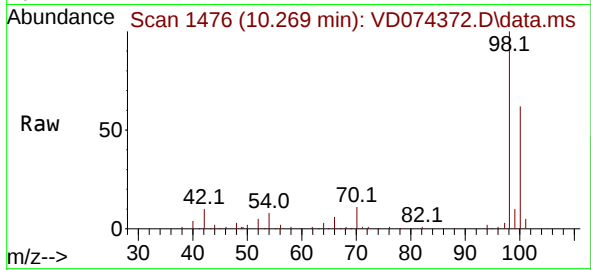




#50
Toluene-d8
Concen: 44.425 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074372.D
Acq: 20 Sep 2022 18:16

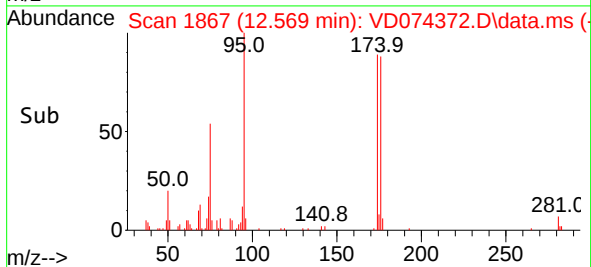
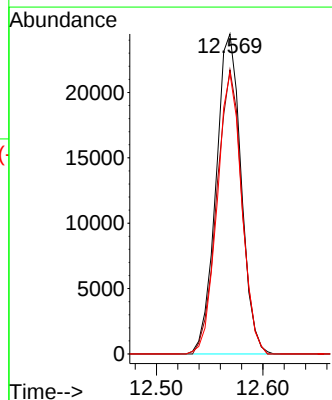
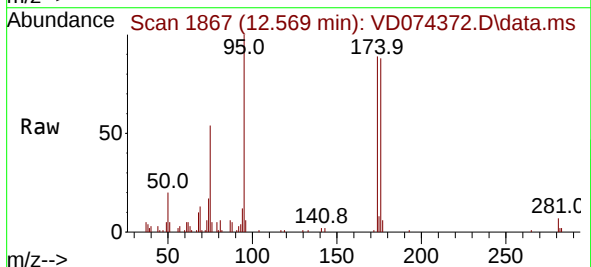
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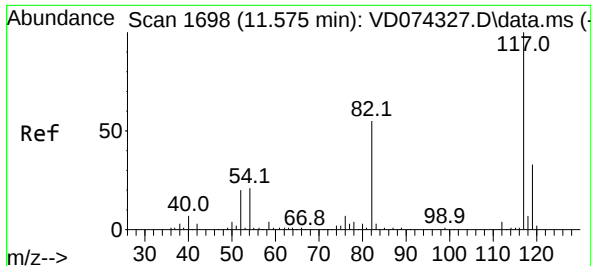
Tgt Ion: 98 Resp: 187974
Ion Ratio Lower Upper
98 100
100 62.0 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 25.068 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074372.D
Acq: 20 Sep 2022 18:16

Tgt Ion: 95 Resp: 40033
Ion Ratio Lower Upper
95 100
174 88.2 0.0 179.2
176 85.8 0.0 171.4

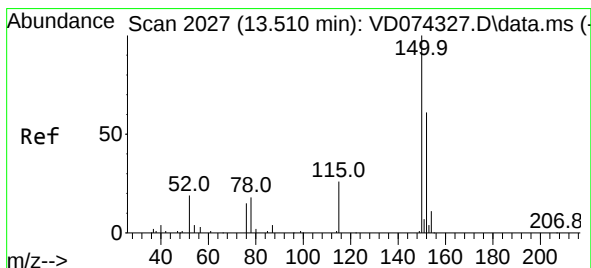
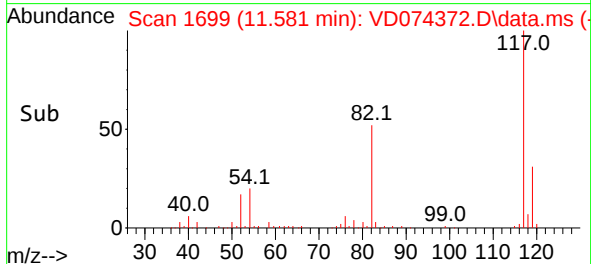
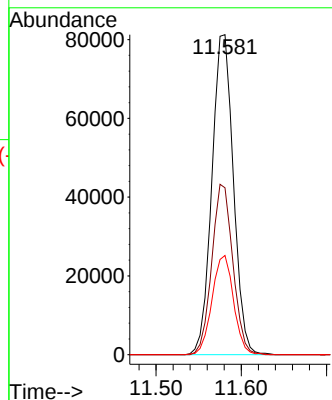
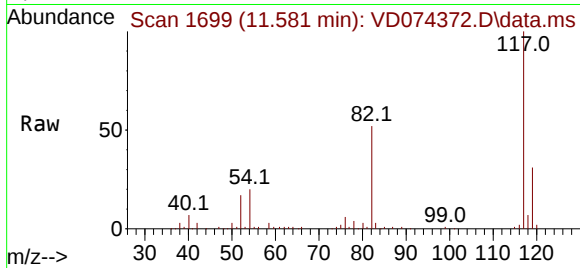




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VD074372.D
Acq: 20 Sep 2022 18:16

Instrument :
MSVOA_D
ClientSampleId :
A2-9-18

Tgt Ion:117 Resp: 142369
Ion Ratio Lower Upper
117 100
82 52.2 44.2 66.2
119 31.0 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: VD074372.D
Acq: 20 Sep 2022 18:16

Tgt Ion:152 Resp: 43856
Ion Ratio Lower Upper
152 100
115 54.9 28.4 85.2
150 157.9 0.0 351.0

