

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092022\
 Data File : VD074373.D
 Acq On : 20 Sep 2022 18:45
 Operator : VA/SY
 Sample : N4668-07
 Misc : 6.24G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 D22003-18

Quant Time: Sep 21 02:25:36 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)

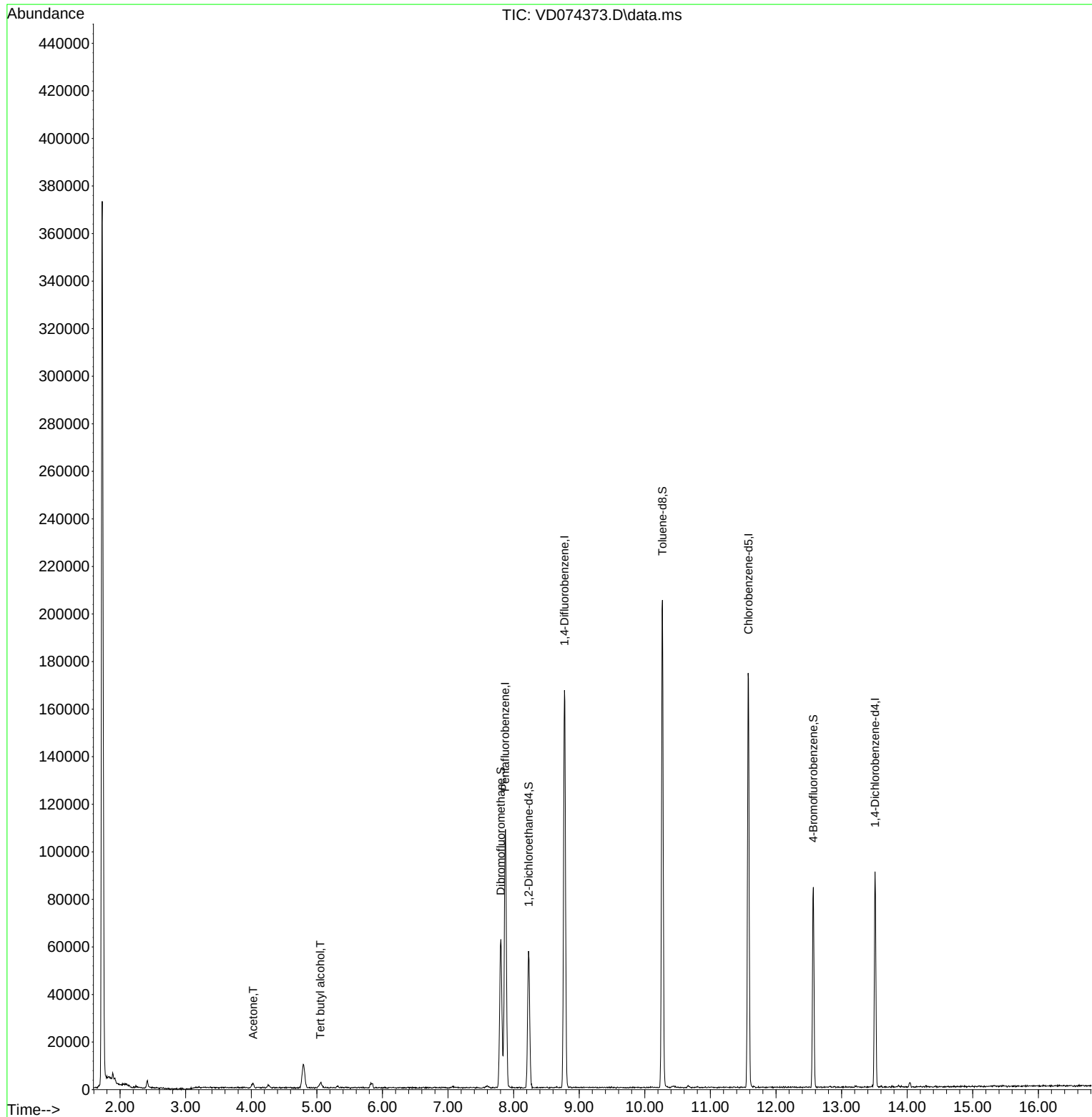
Internal Standards						
1) Pentafluorobenzene	7.869	168	86441	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	151712	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	102699	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	24633	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	45244	53.737	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.480%
35) Dibromofluoromethane	7.805	113	45610	45.647	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.300%
50) Toluene-d8	10.269	98	143171	41.527	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	83.060%
62) 4-Bromofluorobenzene	12.569	95	25674	18.356	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	36.720%
Target Compounds						
11) Tert butyl alcohol	5.052	59	4209	73.973	ug/l #	92
16) Acetone	4.028	43	3467	18.278	ug/l	100

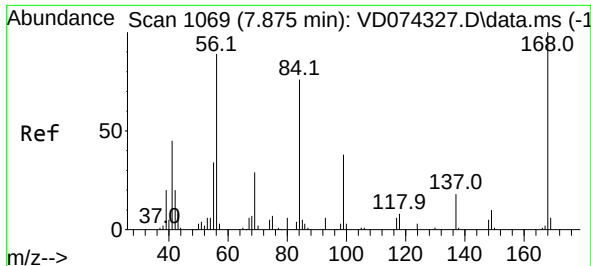
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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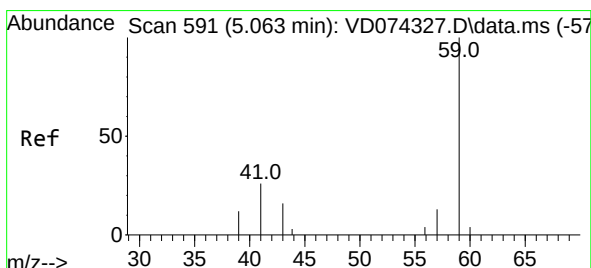
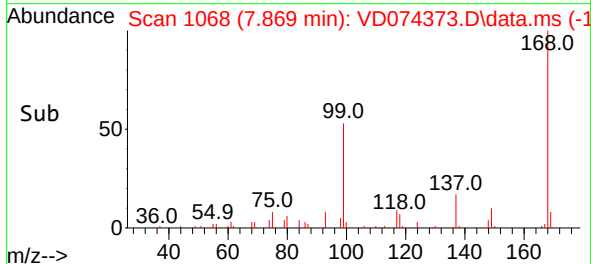
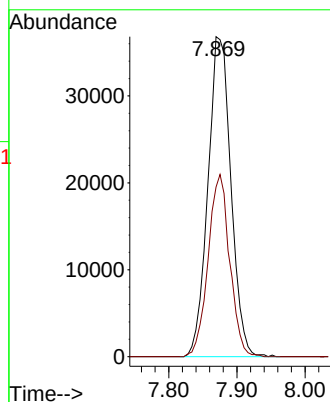
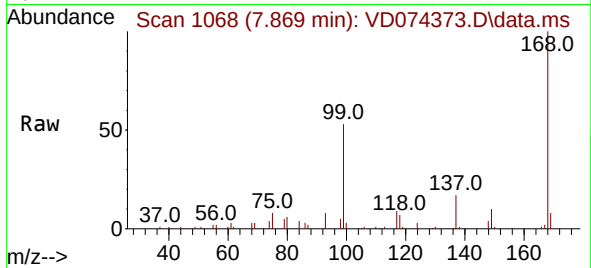




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD074373.D
Acq: 20 Sep 2022 18:45

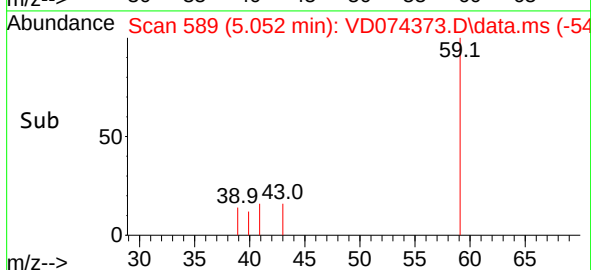
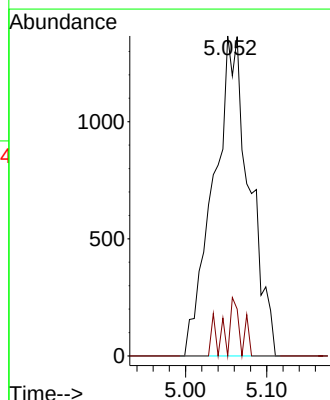
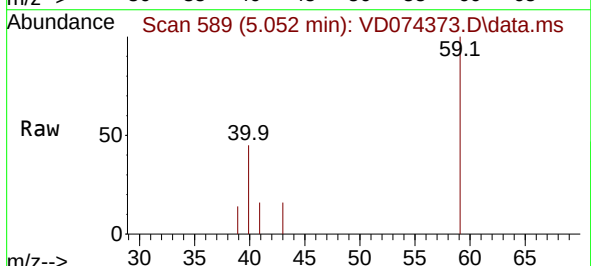
Instrument :
MSVOA_D
ClientSampleId :
D22003-18

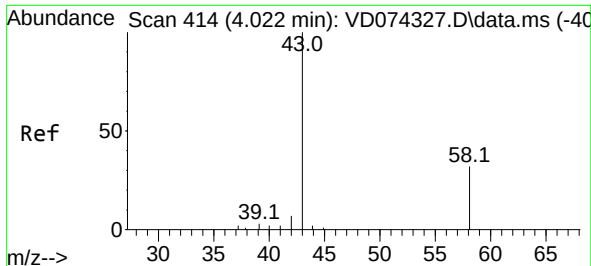
Tgt Ion:168 Resp: 86441
Ion Ratio Lower Upper
168 100
99 53.0 43.0 64.6



#11
Tert butyl alcohol
Concen: 73.973 ug/l
RT: 5.052 min Scan# 589
Delta R.T. -0.011 min
Lab File: VD074373.D
Acq: 20 Sep 2022 18:45

Tgt Ion: 59 Resp: 4209
Ion Ratio Lower Upper
59 100
57 6.6 7.7 11.5#

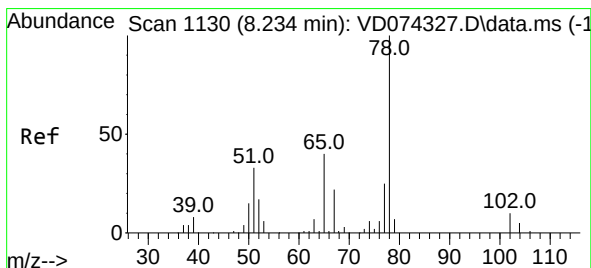
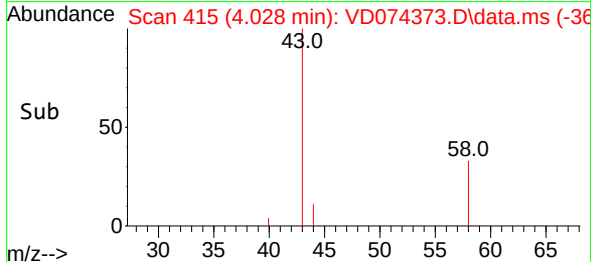
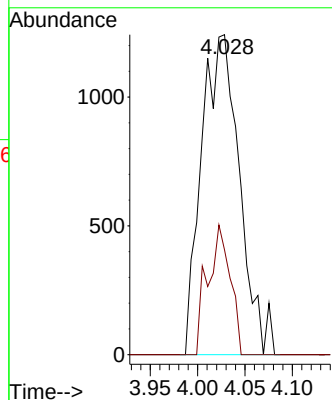
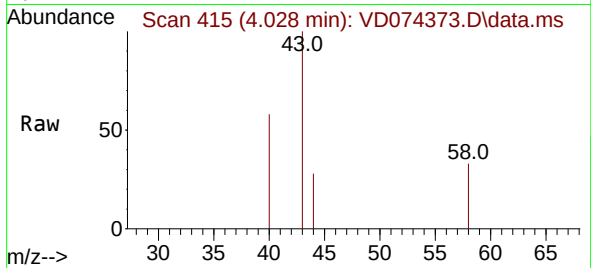




#16
Acetone
Concen: 18.278 ug/l
RT: 4.028 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD074373.D
Acq: 20 Sep 2022 18:45

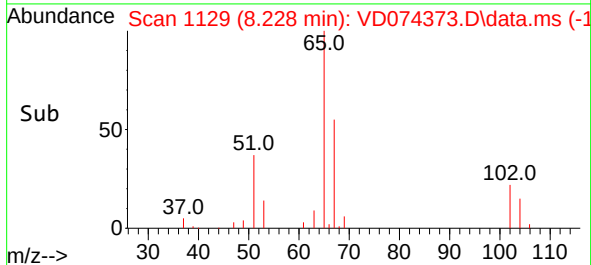
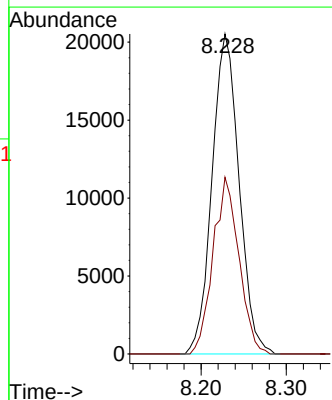
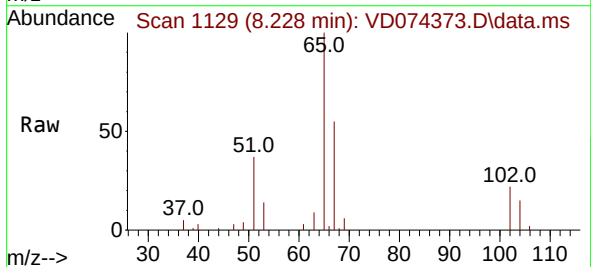
Instrument :
MSVOA_D
ClientSampleId :
D22003-18

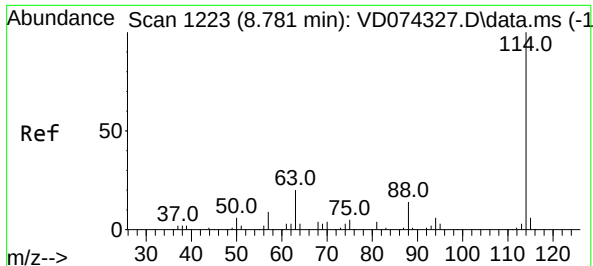
Tgt Ion: 43 Resp: 3467
Ion Ratio Lower Upper
43 100
58 32.8 26.4 39.6



#33
1,2-Dichloroethane-d4
Concen: 53.737 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD074373.D
Acq: 20 Sep 2022 18:45

Tgt Ion: 65 Resp: 45244
Ion Ratio Lower Upper
65 100
67 52.8 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: VD074373.D

Acq: 20 Sep 2022 18:45

Instrument :

MSVOA_D

ClientSampleId :

D22003-18

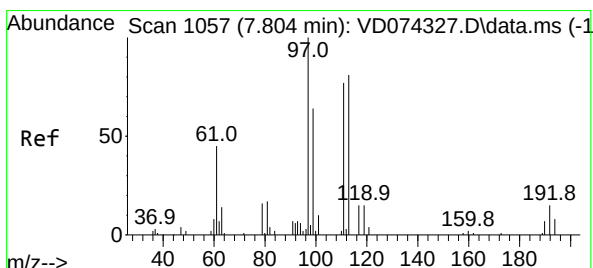
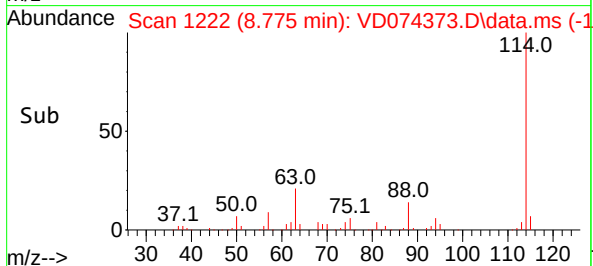
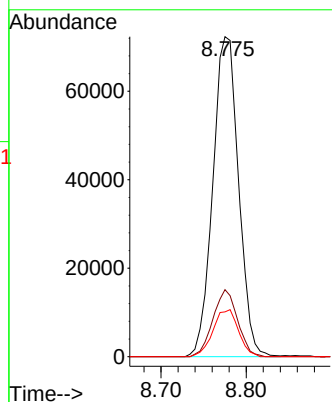
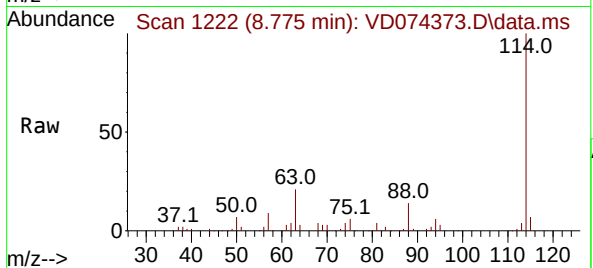
Tgt Ion:114 Resp: 151712

Ion Ratio Lower Upper

114 100

63 21.0 0.0 37.6

88 14.0 0.0 28.4



#35

Dibromofluoromethane

Concen: 45.647 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.001 min

Lab File: VD074373.D

Acq: 20 Sep 2022 18:45

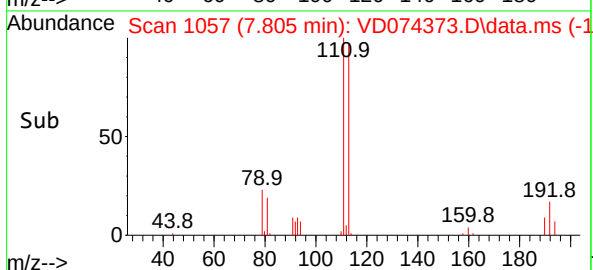
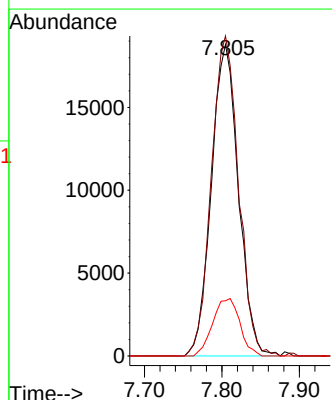
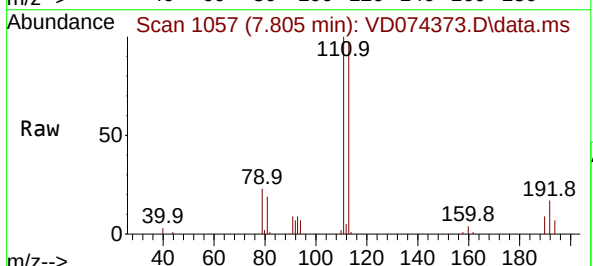
Tgt Ion:113 Resp: 45610

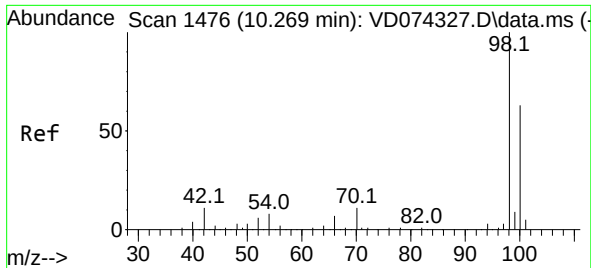
Ion Ratio Lower Upper

113 100

111 103.2 83.0 124.6

192 18.5 16.2 24.2

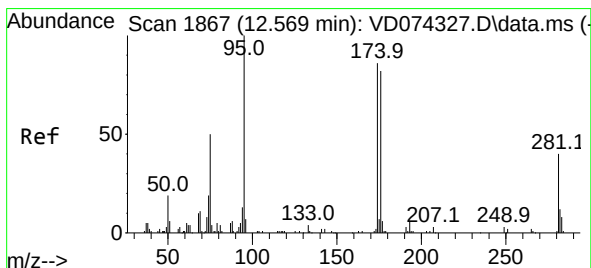
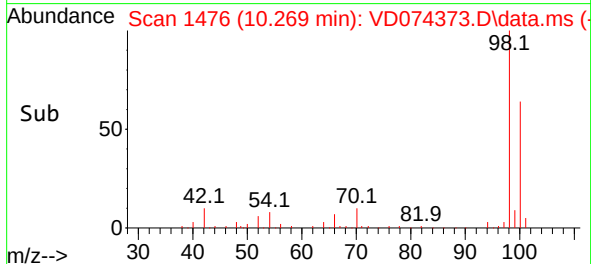
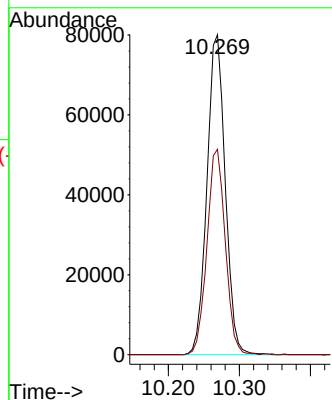
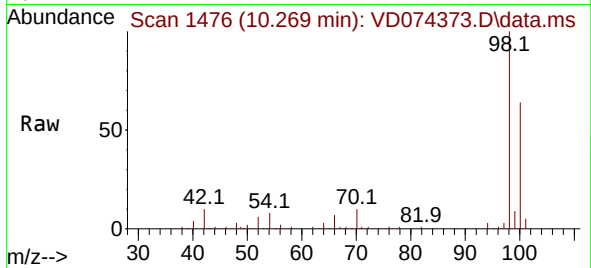




#50
Toluene-d8
Concen: 41.527 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074373.D
Acq: 20 Sep 2022 18:45

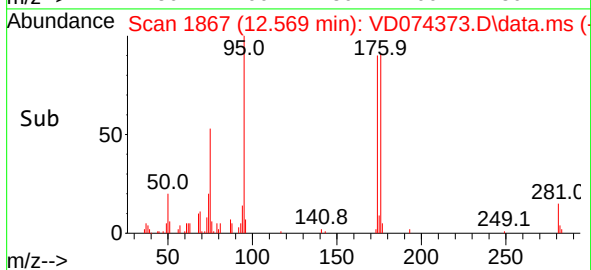
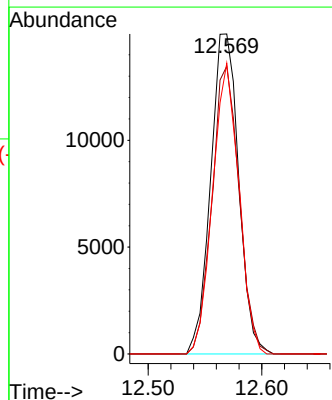
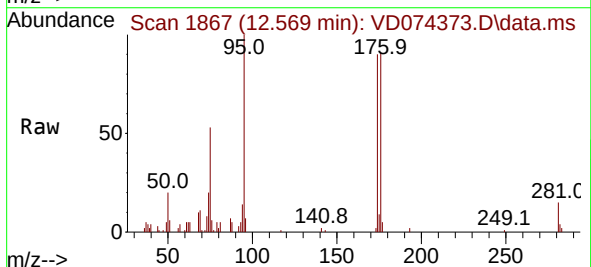
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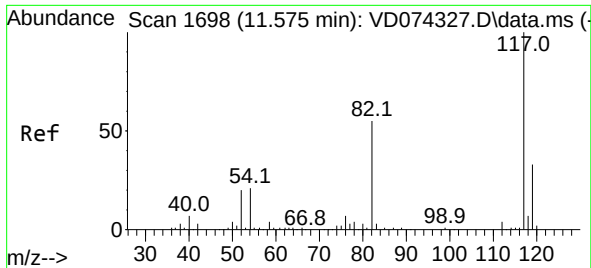
Tgt Ion: 98 Resp: 143171
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 18.356 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074373.D
Acq: 20 Sep 2022 18:45

Tgt Ion: 95 Resp: 25674
Ion Ratio Lower Upper
95 100
174 87.3 0.0 179.2
176 85.2 0.0 171.4

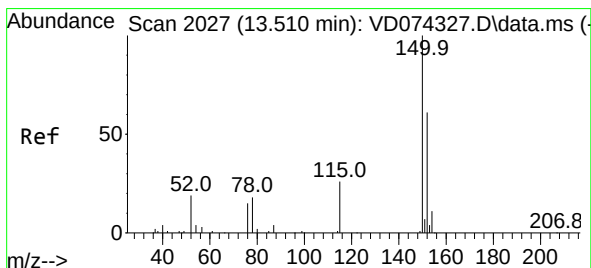
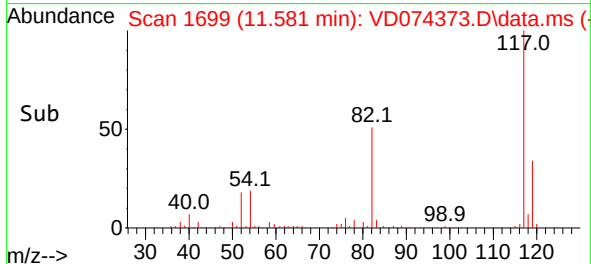
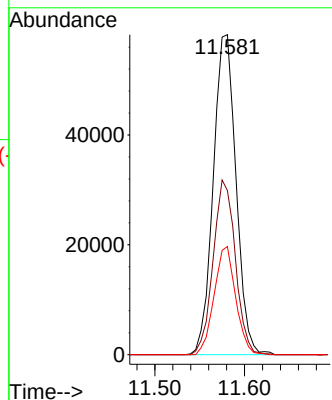
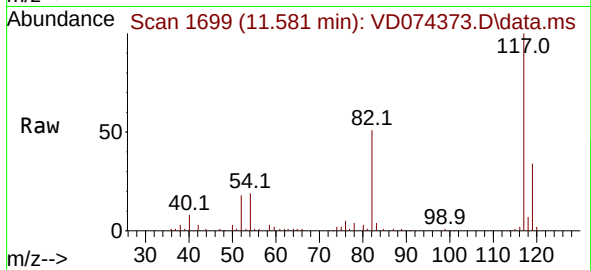




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VD074373.D
Acq: 20 Sep 2022 18:45

Instrument :
MSVOA_D
ClientSampleId :
D22003-18

Tgt Ion:117 Resp: 102699
Ion Ratio Lower Upper
117 100
82 51.3 44.2 66.2
119 33.8 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: VD074373.D
Acq: 20 Sep 2022 18:45

Tgt Ion:152 Resp: 24633
Ion Ratio Lower Upper
152 100
115 59.3 28.4 85.2
150 159.1 0.0 351.0

