

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092022\
 Data File : VD074366.D
 Acq On : 20 Sep 2022 15:18
 Operator : VA/SY
 Sample : N4641-13
 Misc : 6.39G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 D22021-18

Quant Time: Sep 21 02:24:37 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)

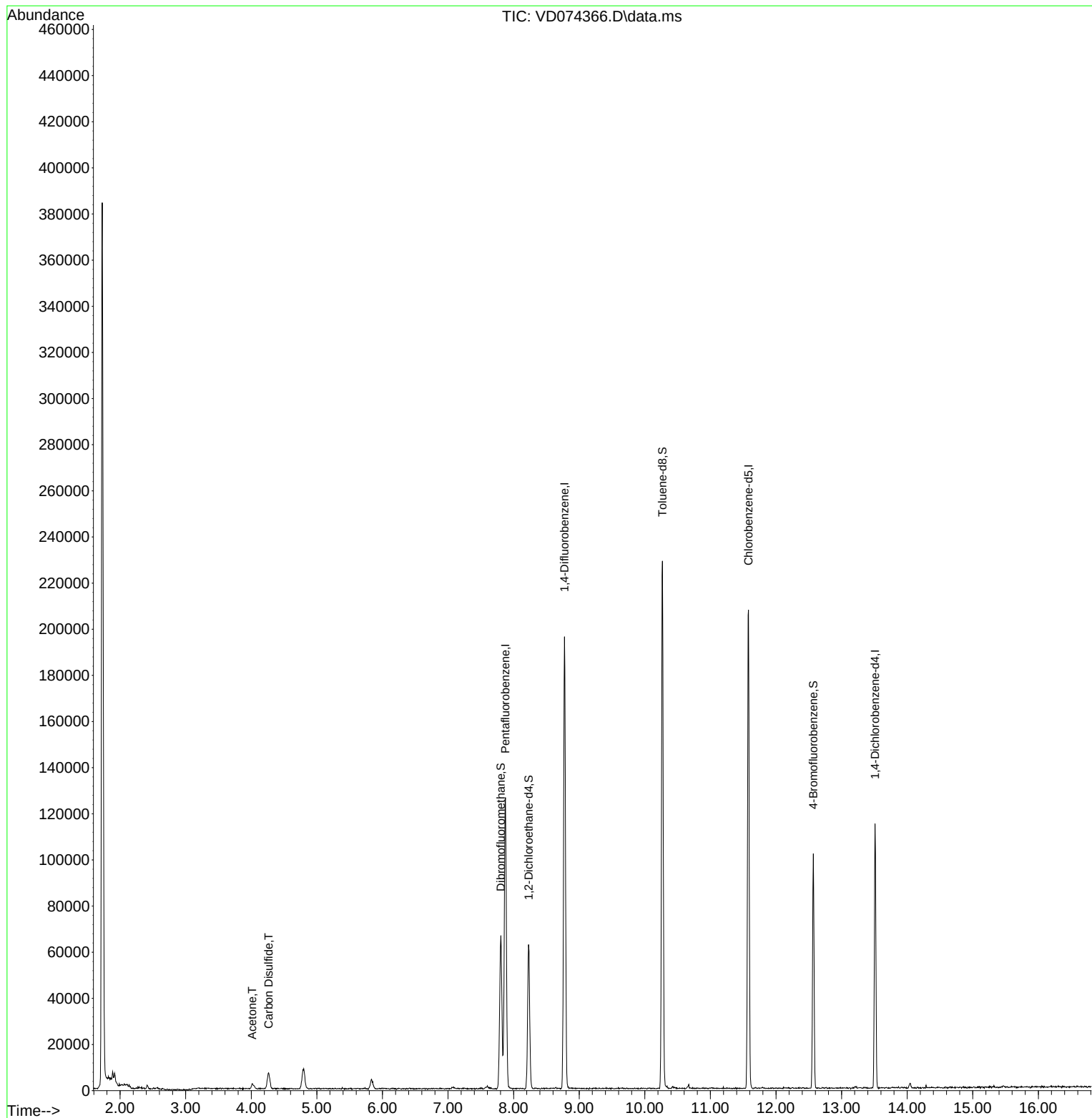
Internal Standards						
1) Pentafluorobenzene	7.875	168	96861	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	173379	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	120814	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	30611	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	48759	51.682	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.360%
35) Dibromofluoromethane	7.805	113	48067	42.094	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.180%
50) Toluene-d8	10.269	98	159551	40.495	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	80.980%
62) 4-Bromofluorobenzene	12.569	95	29211	18.246	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	36.500%
Target Compounds						
						Qvalue
16) Acetone	4.017	43	3859	18.156	ug/l	# 79
17) Carbon Disulfide	4.264	76	14879	4.399	ug/l	95

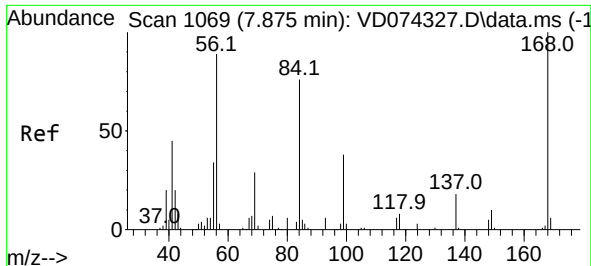
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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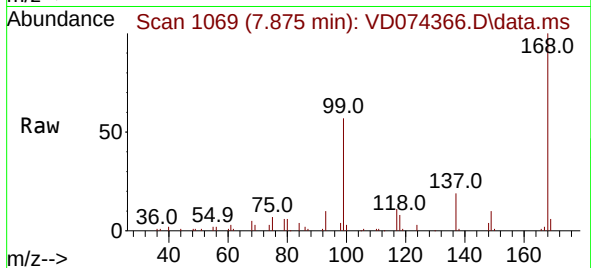
Quant Time: Sep 21 02:24:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
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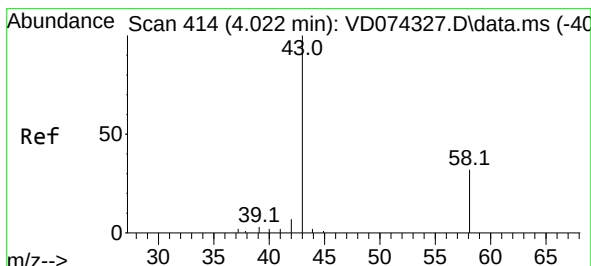
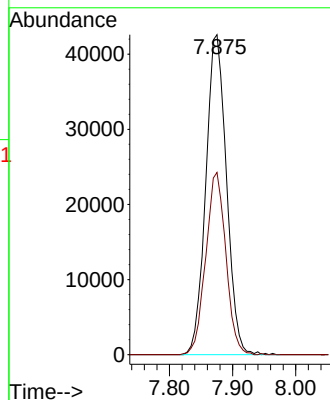
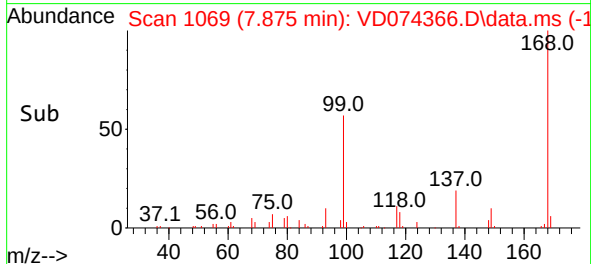


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074366.D
Acq: 20 Sep 2022 15:18

Instrument :
MSVOA_D
ClientSampleId :
D22021-18

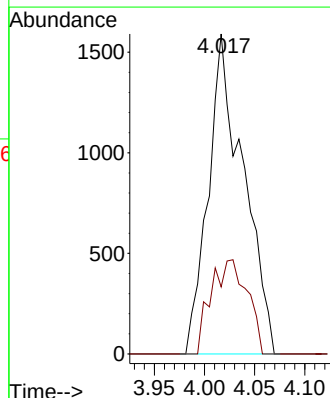
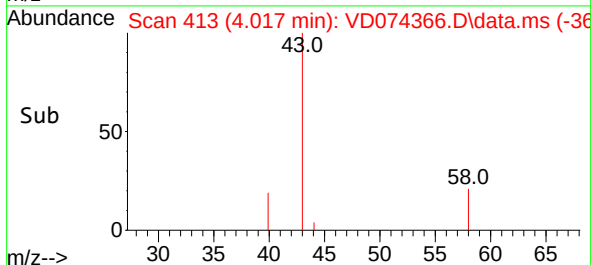
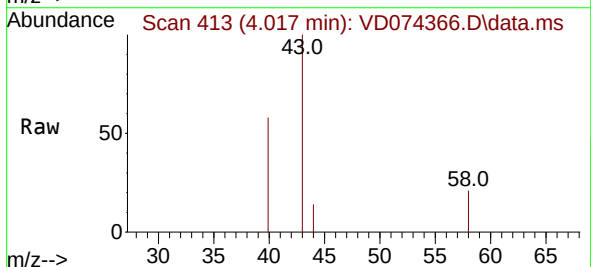


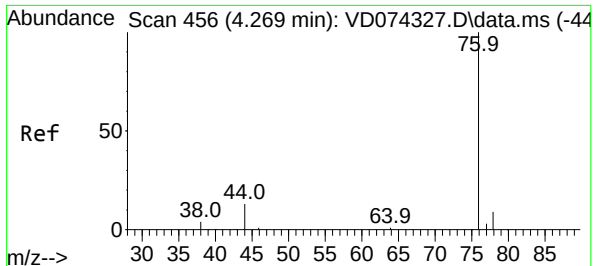
Tgt Ion:168 Resp: 96861
Ion Ratio Lower Upper
168 100
99 57.0 43.0 64.6



#16
Acetone
Concen: 18.156 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.005 min
Lab File: VD074366.D
Acq: 20 Sep 2022 15:18

Tgt Ion: 43 Resp: 3859
Ion Ratio Lower Upper
43 100
58 20.9 26.4 39.6#

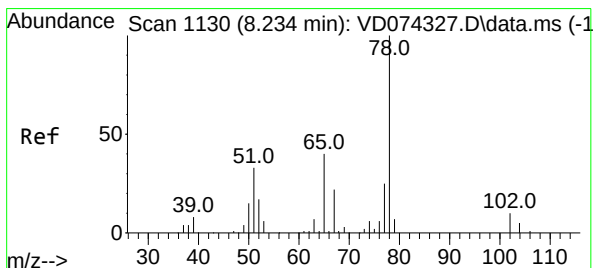
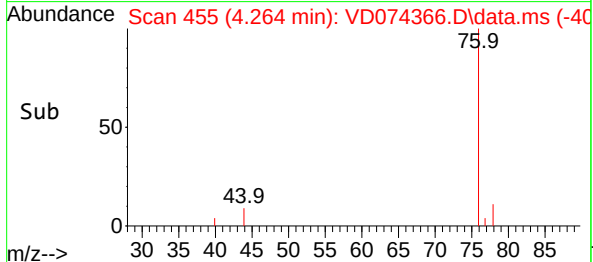
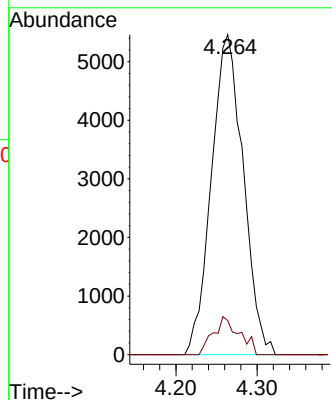
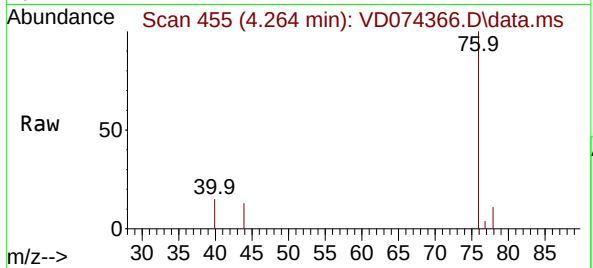




#17
Carbon Disulfide
Concen: 4.399 ug/l
RT: 4.264 min Scan# 41
Delta R.T. -0.005 min
Lab File: VD074366.D
Acq: 20 Sep 2022 15:18

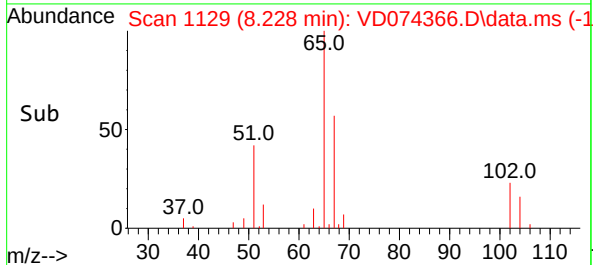
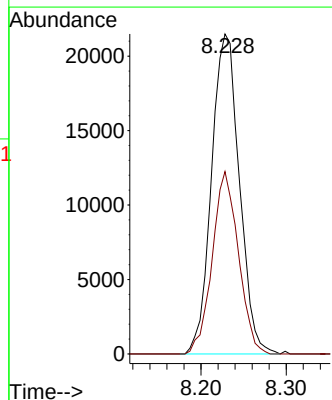
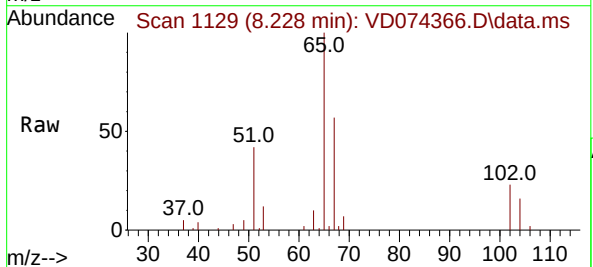
Instrument :
MSVOA_D
ClientSampleId :
D22021-18

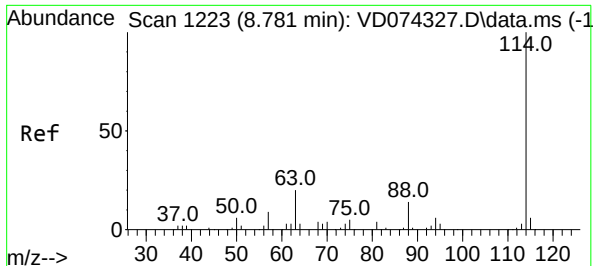
Tgt Ion: 76 Resp: 14879
Ion Ratio Lower Upper
76 100
78 10.7 7.2 10.8



#33
1,2-Dichloroethane-d4
Concen: 51.682 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD074366.D
Acq: 20 Sep 2022 15:18

Tgt Ion: 65 Resp: 48759
Ion Ratio Lower Upper
65 100
67 53.5 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: VD074366.D

Acq: 20 Sep 2022 15:18

Instrument :

MSVOA_D

ClientSampleId :

D22021-18

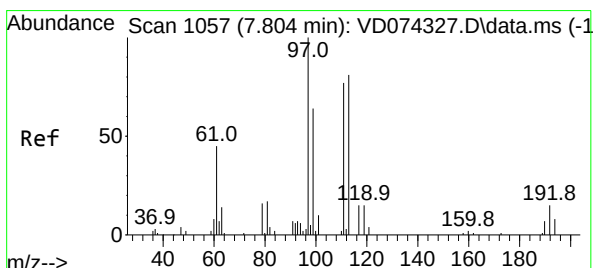
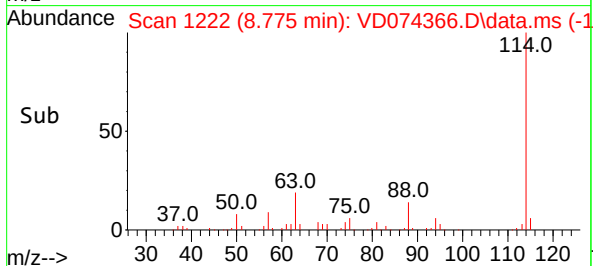
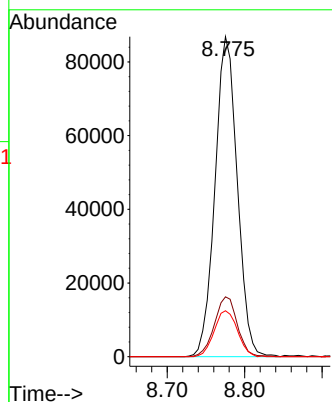
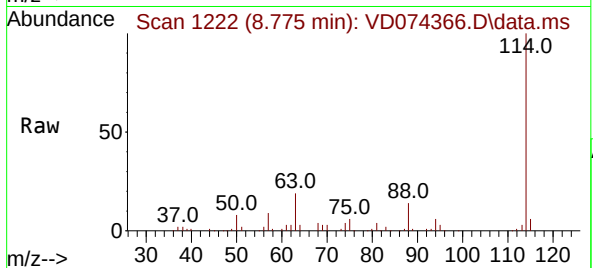
Tgt Ion:114 Resp: 173379

Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.6

88 14.3 0.0 28.4



#35

Dibromofluoromethane

Concen: 42.094 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.001 min

Lab File: VD074366.D

Acq: 20 Sep 2022 15:18

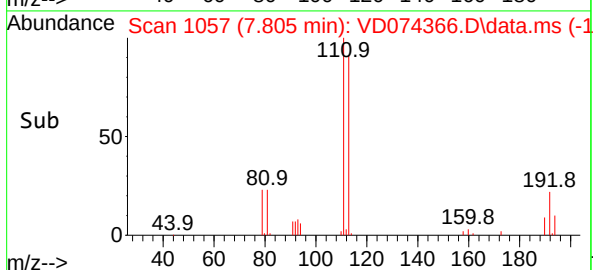
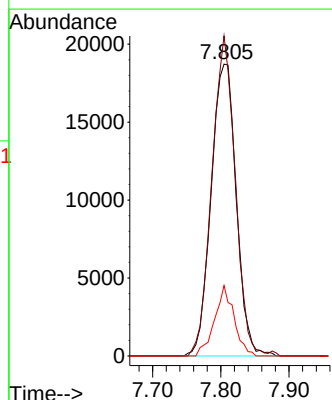
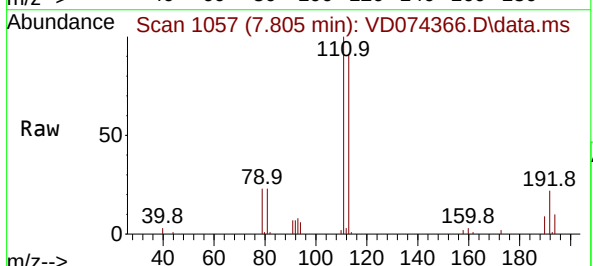
Tgt Ion:113 Resp: 48067

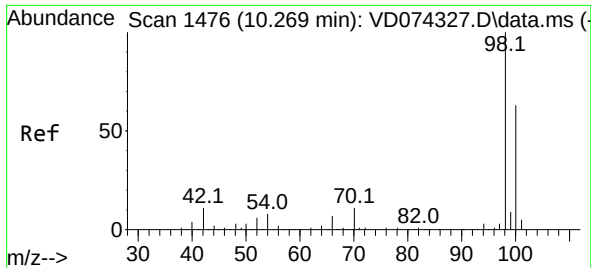
Ion Ratio Lower Upper

113 100

111 101.8 83.0 124.6

192 18.6 16.2 24.2

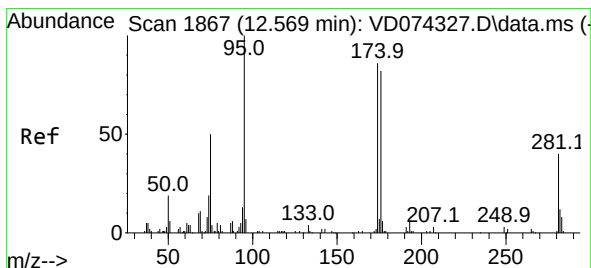
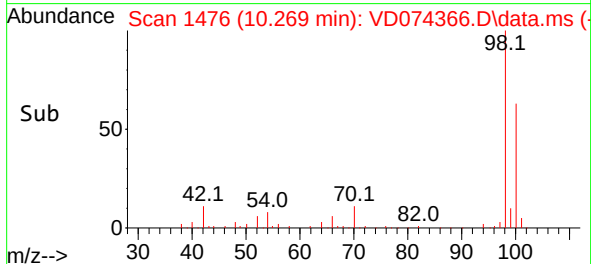
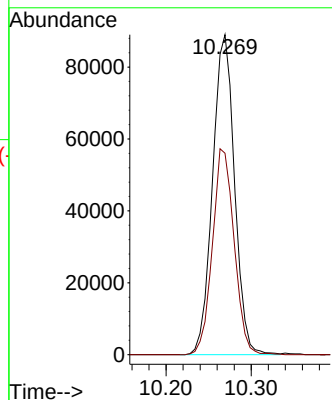
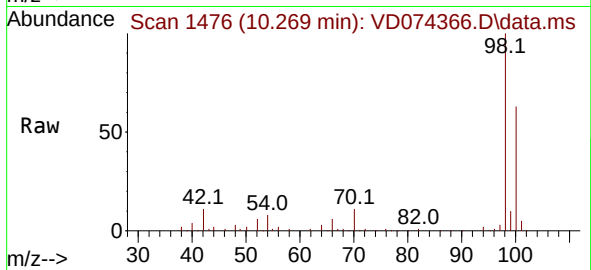




#50
Toluene-d8
Concen: 40.495 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074366.D
Acq: 20 Sep 2022 15:18

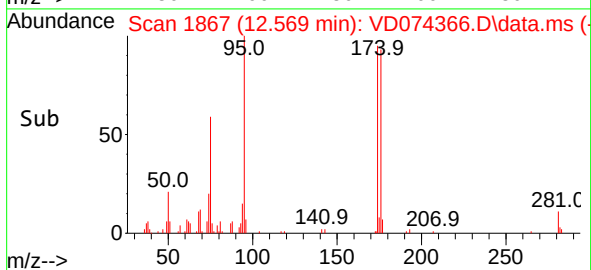
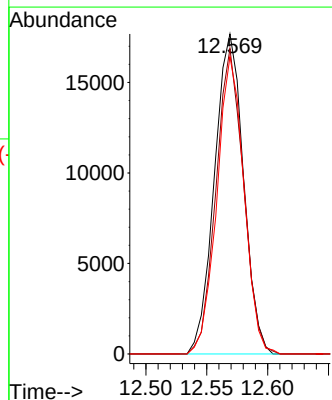
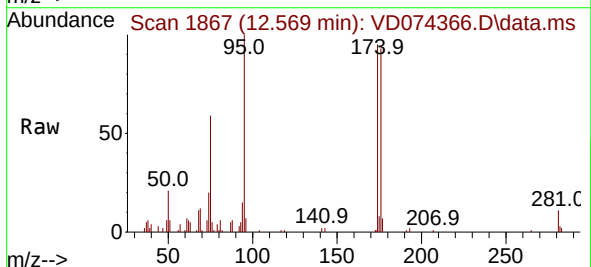
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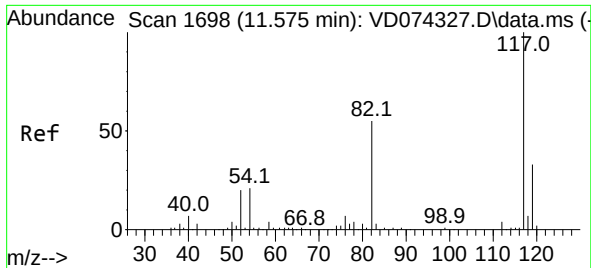
Tgt Ion: 98 Resp: 159551
Ion Ratio Lower Upper
98 100
100 63.7 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 18.246 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074366.D
Acq: 20 Sep 2022 15:18

Tgt Ion: 95 Resp: 29211
Ion Ratio Lower Upper
95 100
174 90.5 0.0 179.2
176 86.8 0.0 171.4

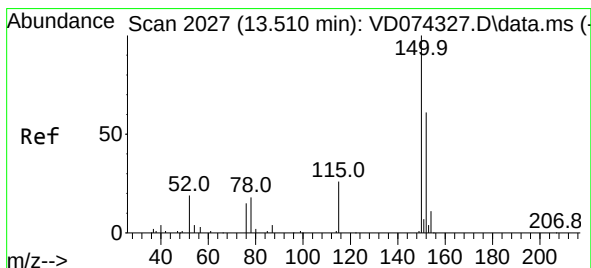
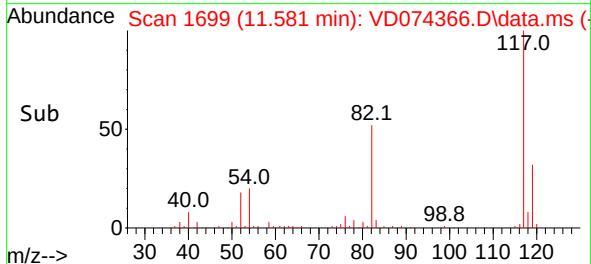
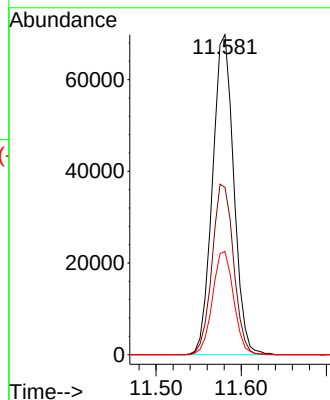
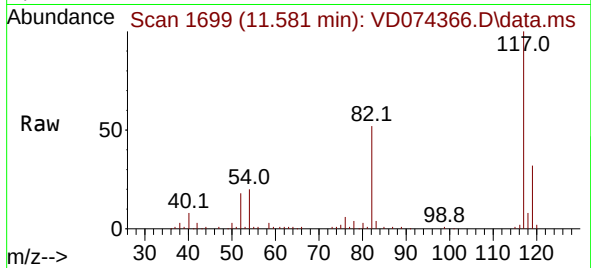




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VD074366.D
Acq: 20 Sep 2022 15:18

Instrument :
MSVOA_D
ClientSampleId :
D22021-18

Tgt Ion:117 Resp: 120814
Ion Ratio Lower Upper
117 100
82 52.3 44.2 66.2
119 32.2 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: VD074366.D
Acq: 20 Sep 2022 15:18

Tgt Ion:152 Resp: 30611
Ion Ratio Lower Upper
152 100
115 59.2 28.4 85.2
150 158.1 0.0 351.0

