

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092022\
 Data File : VD074371.D
 Acq On : 20 Sep 2022 17:48
 Operator : VA/SY
 Sample : N4668-04
 Misc : 6.79G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 D22006-18

Quant Time: Sep 21 02:25:19 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)

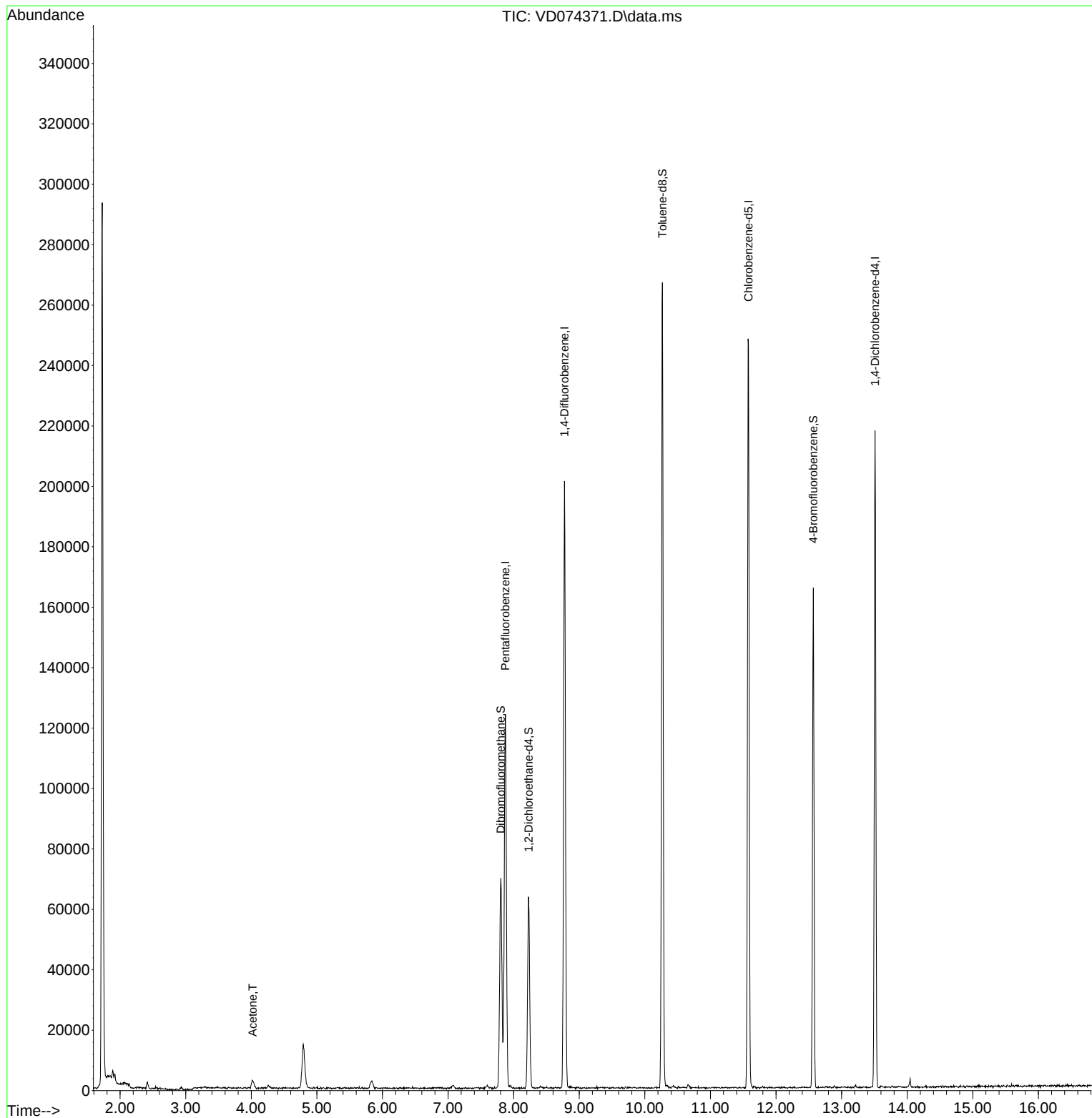
Internal Standards						
1) Pentafluorobenzene	7.875	168	96757	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	173832	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	146877	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	59257	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	49107	52.107	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	104.220%	
35) Dibromofluoromethane	7.804	113	49791	43.491	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	86.980%	
50) Toluene-d8	10.269	98	184145	46.615	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	93.220%	
62) 4-Bromofluorobenzene	12.569	95	49533	35.321	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	70.640%	
Target Compounds						
16) Acetone	4.022	43	4973	23.422	ug/l	Qvalue 94

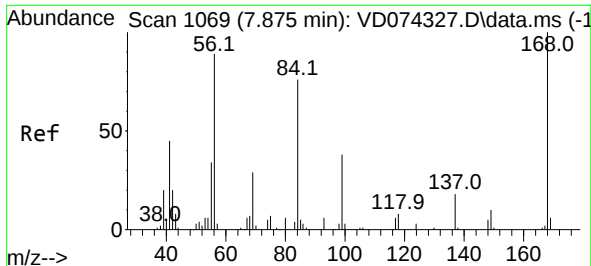
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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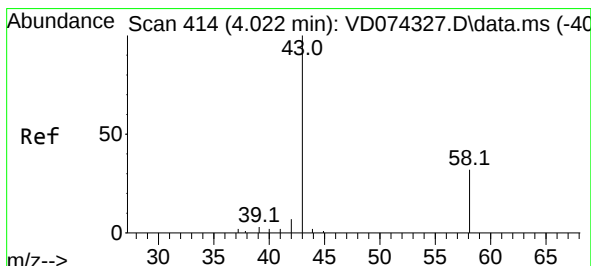
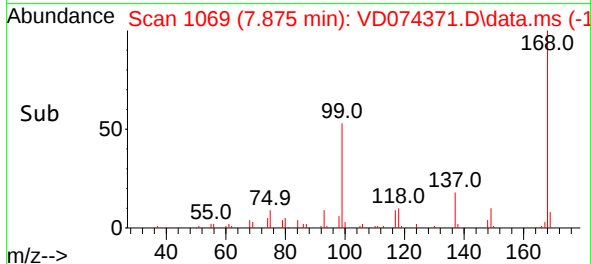
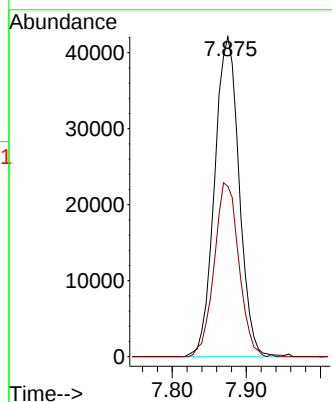
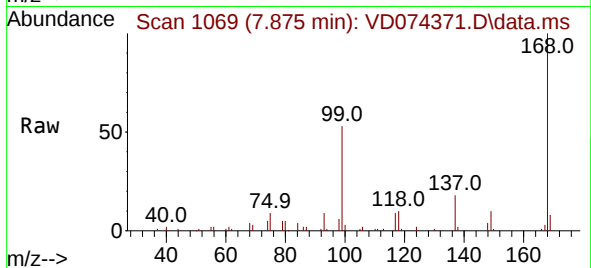




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074371.D
Acq: 20 Sep 2022 17:48

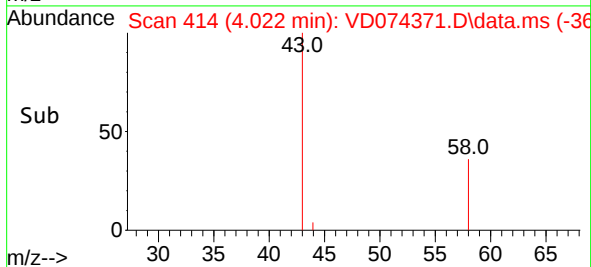
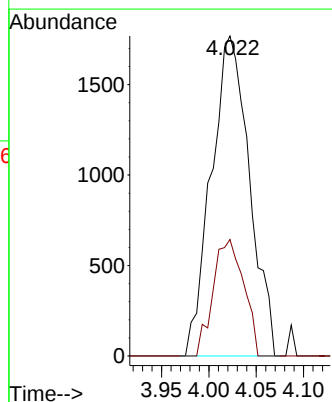
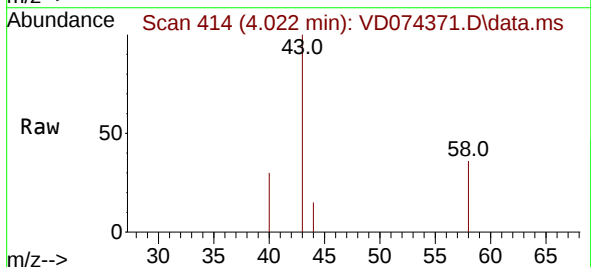
Instrument :
MSVOA_D
ClientSampleId :
D22006-18

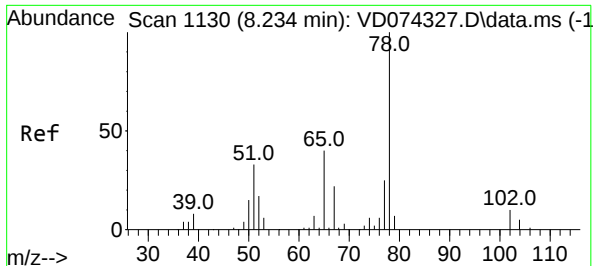
Tgt Ion:168 Resp: 96757
Ion Ratio Lower Upper
168 100
99 53.2 43.0 64.6



#16
Acetone
Concen: 23.422 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD074371.D
Acq: 20 Sep 2022 17:48

Tgt Ion: 43 Resp: 4973
Ion Ratio Lower Upper
43 100
58 36.4 26.4 39.6





#33

1,2-Dichloroethane-d4

Concen: 52.107 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD074371.D

Acq: 20 Sep 2022 17:48

Instrument :

MSVOA_D

ClientSampleId :

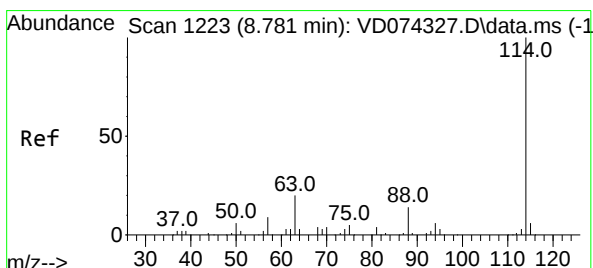
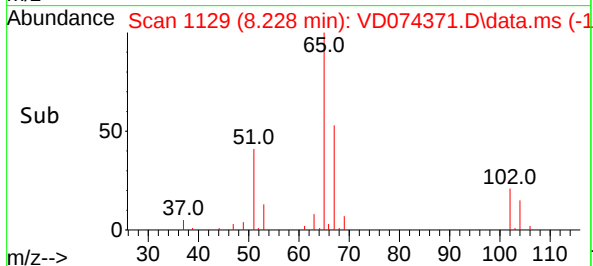
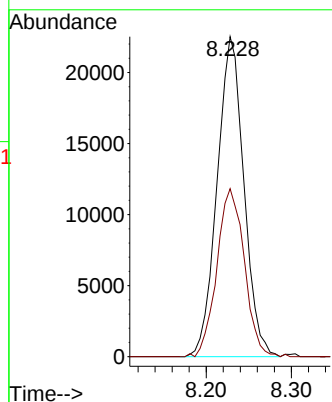
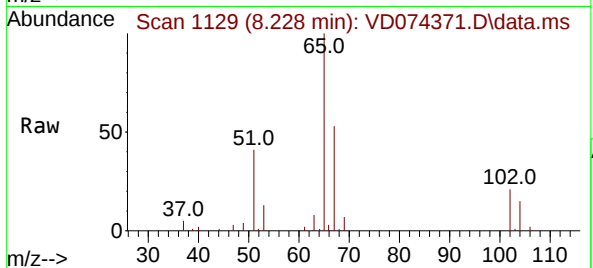
D22006-18

Tgt Ion: 65 Resp: 49107

Ion Ratio Lower Upper

65 100

67 53.9 0.0 110.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD074371.D

Acq: 20 Sep 2022 17:48

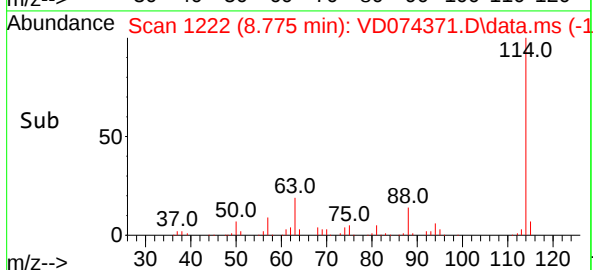
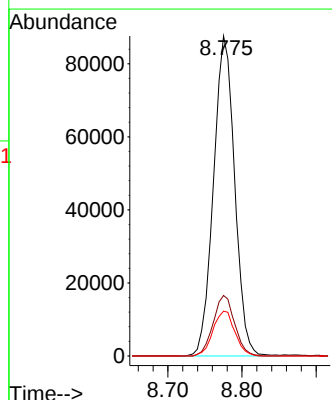
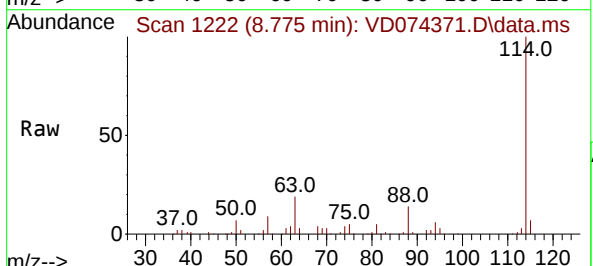
Tgt Ion: 114 Resp: 173832

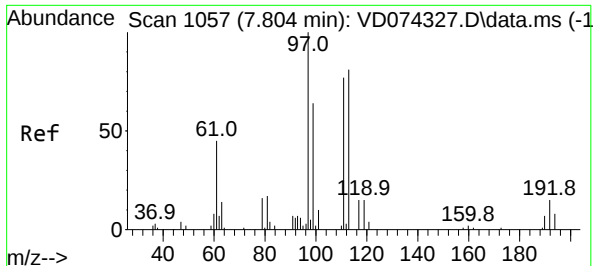
Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.6

88 14.0 0.0 28.4





#35

Dibromofluoromethane

Concen: 43.491 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD074371.D

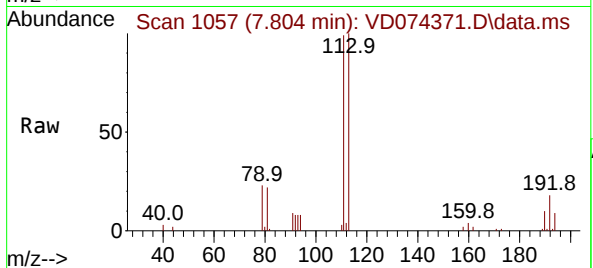
Acq: 20 Sep 2022 17:48

Instrument :

MSVOA_D

ClientSampleId :

D22006-18



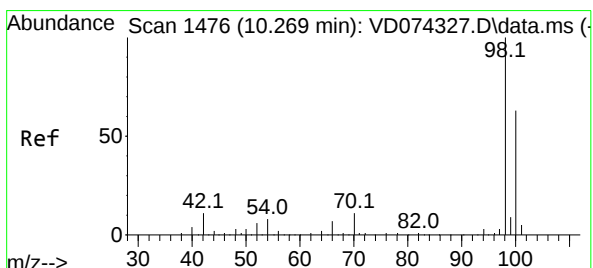
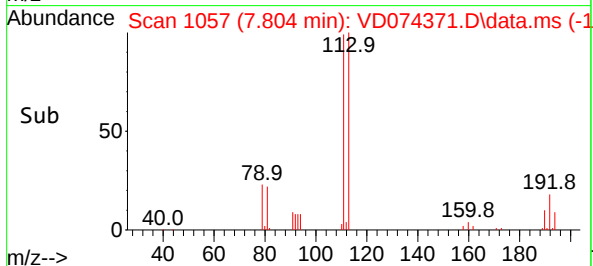
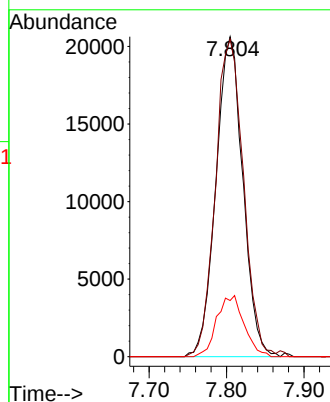
Tgt Ion:113 Resp: 49791

Ion Ratio Lower Upper

113 100

111 103.4 83.0 124.6

192 19.4 16.2 24.2



#50

Toluene-d8

Concen: 46.615 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD074371.D

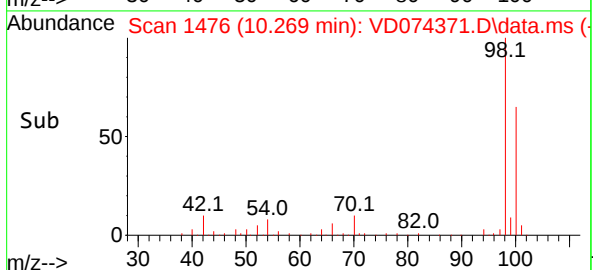
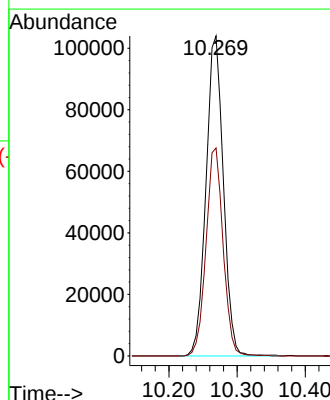
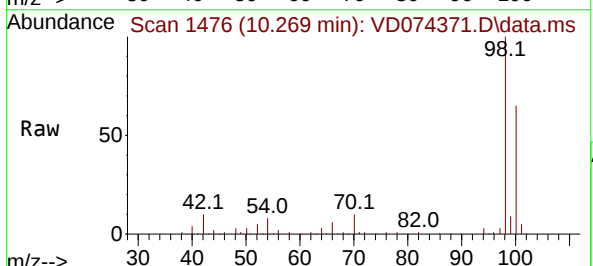
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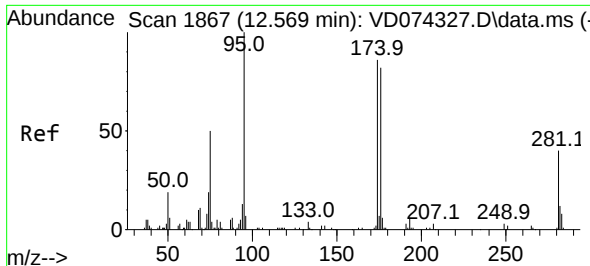
Tgt Ion: 98 Resp: 184145

Ion Ratio Lower Upper

98 100

100 64.0 51.8 77.8

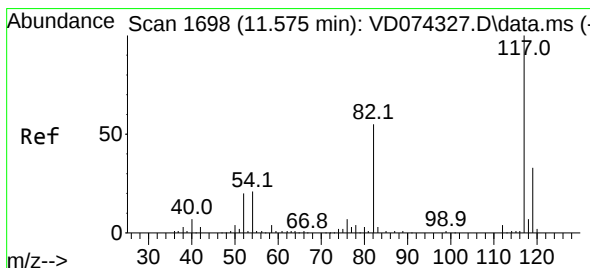
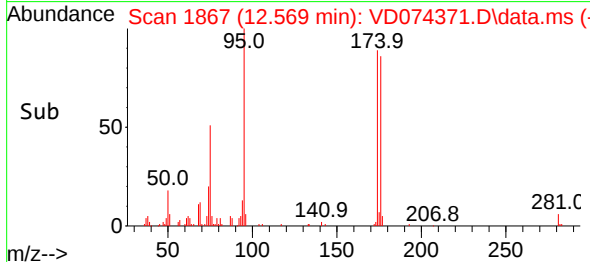
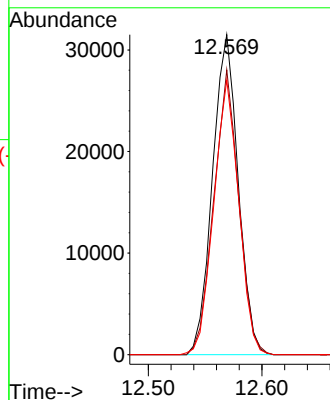
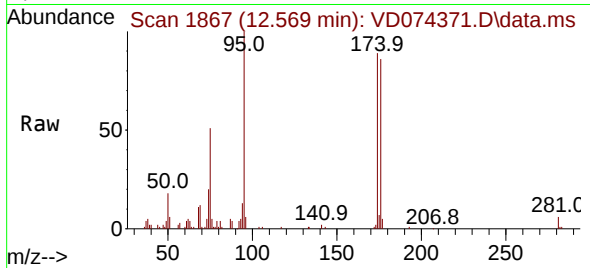




#62
4-Bromofluorobenzene
Concen: 35.321 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074371.D
Acq: 20 Sep 2022 17:48

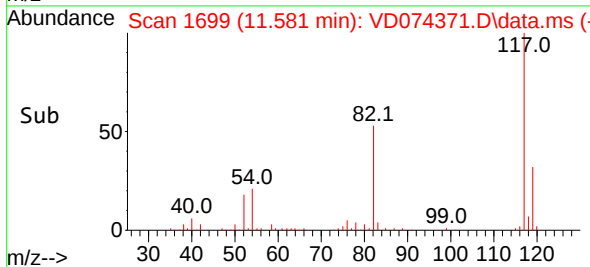
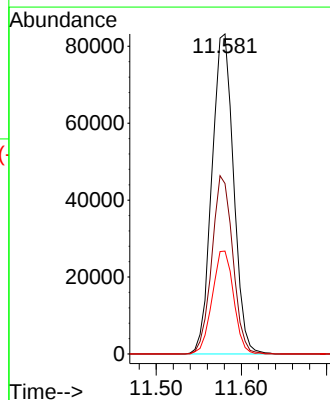
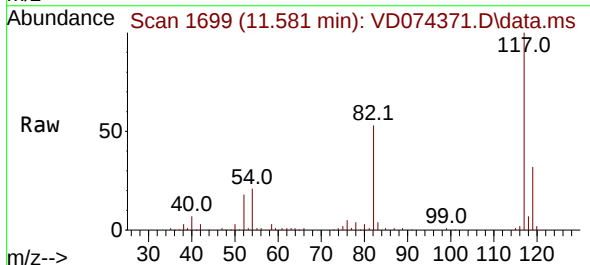
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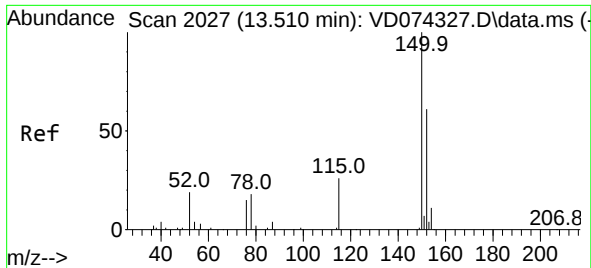
Tgt Ion: 95 Resp: 49533
Ion Ratio Lower Upper
95 100
174 86.2 0.0 179.2
176 83.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VD074371.D
Acq: 20 Sep 2022 17:48

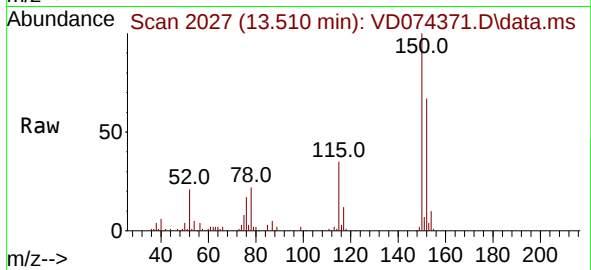
Tgt Ion: 117 Resp: 146877
Ion Ratio Lower Upper
117 100
82 53.3 44.2 66.2
119 32.2 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.510 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD074371.D
 Acq: 20 Sep 2022 17:48

Instrument :
 MSVOA_D
 ClientSampleId :
 D22006-18



Tgt Ion:152 Resp: 59257
 Ion Ratio Lower Upper
 152 100
 115 55.3 28.4 85.2
 150 155.4 0.0 351.0

