

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091322\
 Data File : VD074277.D
 Acq On : 13 Sep 2022 20:37
 Operator : VA/SY
 Sample : N4591-01
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-091222

Quant Time: Sep 14 01:59:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 04:45:19 2022
 Response via : Initial Calibration

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

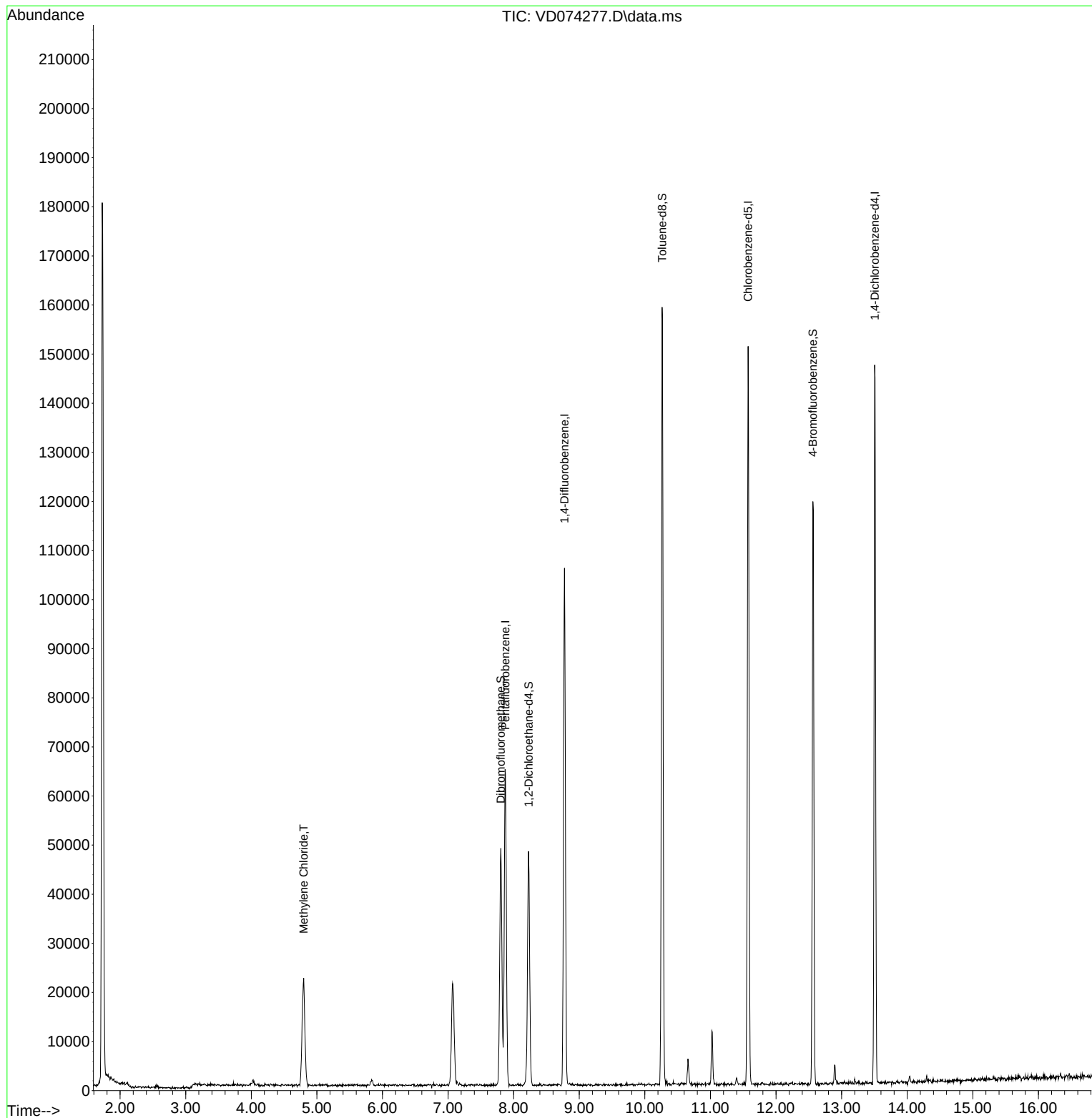
Internal Standards						
1) Pentafluorobenzene	7.875	168	51074	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	94298	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	86692	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.504	152	40634	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	36711	70.502	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	141.000%	
35) Dibromofluoromethane	7.804	113	34676	55.299	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	110.600%	
50) Toluene-d8	10.263	98	111331	48.163	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	96.320%	
62) 4-Bromofluorobenzene	12.563	95	37077	45.273	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	90.540%	
Target Compounds						
20) Methylene Chloride	4.798	84	16084	21.057	ug/l	Qvalue 96

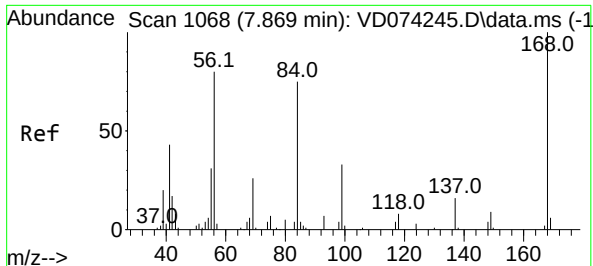
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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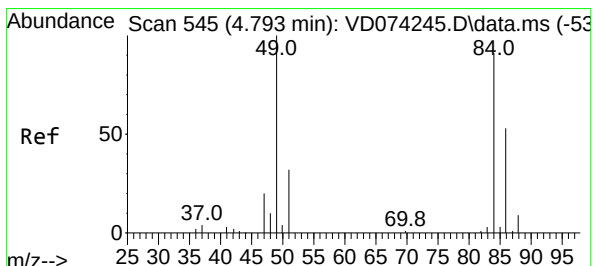
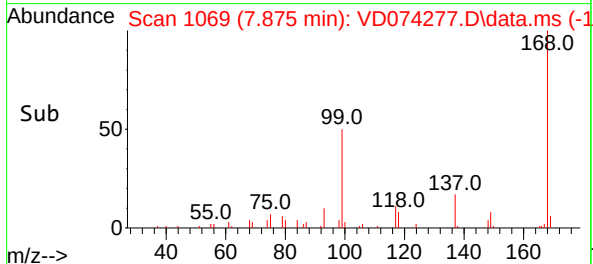
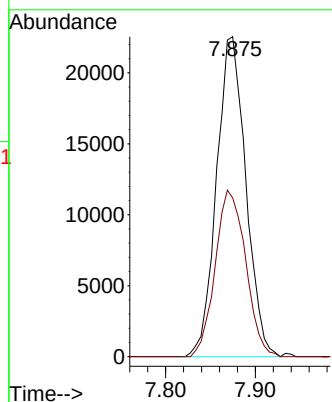
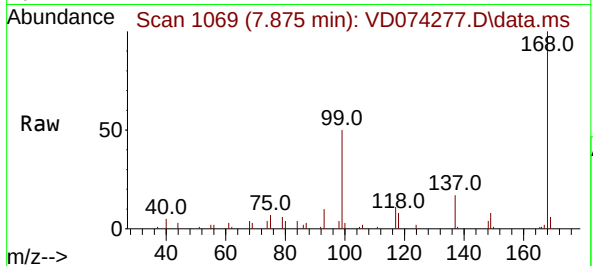




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VD074277.D
Acq: 13 Sep 2022 20:37

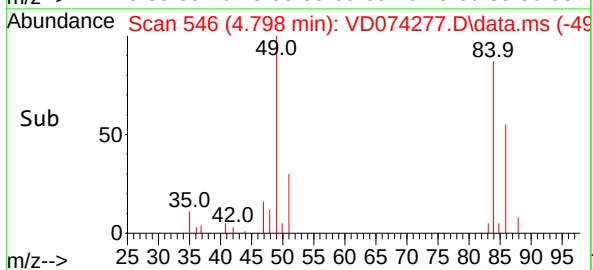
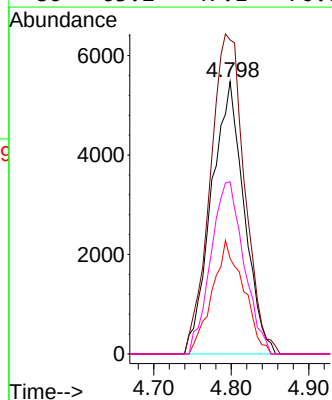
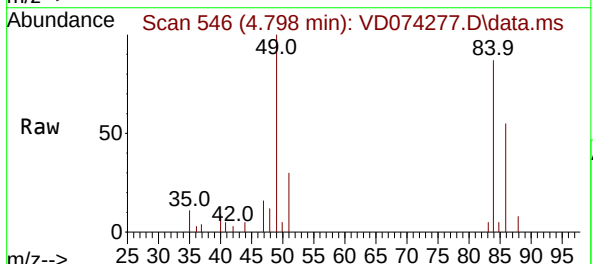
Instrument :
MSVOA_D
ClientSampleId :
OR-02-091222

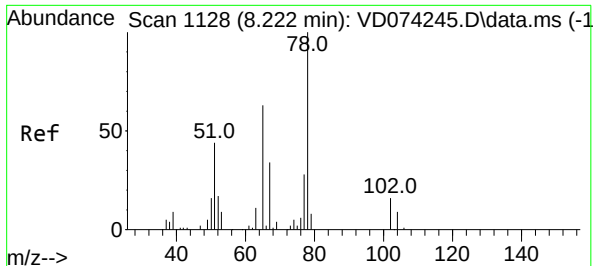
Tgt Ion:168 Resp: 51074
Ion Ratio Lower Upper
168 100
99 49.6 43.0 64.6



#20
Methylene Chloride
Concen: 21.057 ug/l
RT: 4.798 min Scan# 546
Delta R.T. 0.005 min
Lab File: VD074277.D
Acq: 13 Sep 2022 20:37

Tgt Ion: 84 Resp: 16084
Ion Ratio Lower Upper
84 100
49 115.3 88.4 132.6
51 35.0 28.0 42.0
86 63.2 47.1 70.7





#33

1,2-Dichloroethane-d4

Concen: 70.502 ug/l

RT: 8.228 min Scan# 1128

Delta R.T. 0.005 min

Lab File: VD074277.D

Acq: 13 Sep 2022 20:37

Instrument :

MSVOA_D

ClientSampleId :

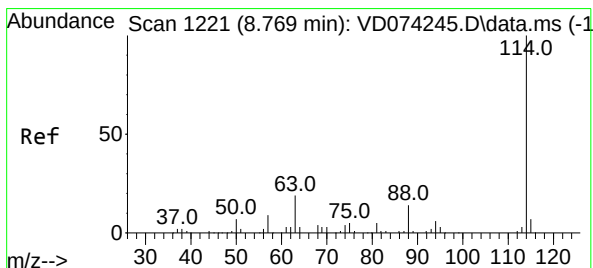
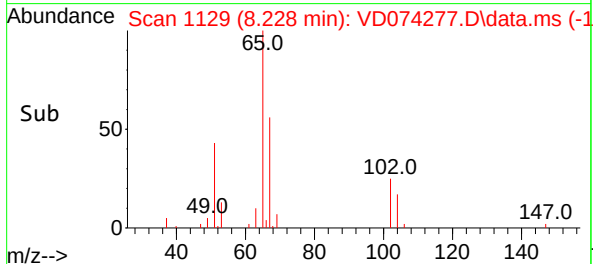
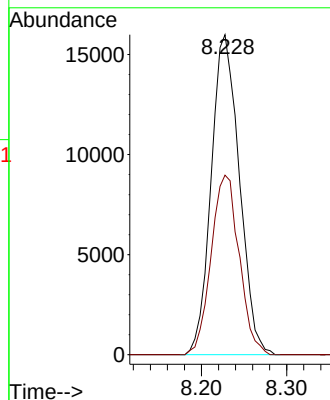
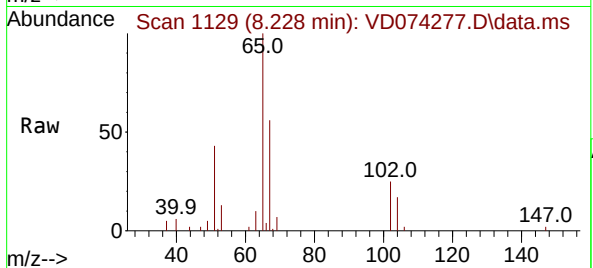
OR-02-091222

Tgt Ion: 65 Resp: 36711

Ion Ratio Lower Upper

65 100

67 55.9 0.0 110.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.005 min

Lab File: VD074277.D

Acq: 13 Sep 2022 20:37

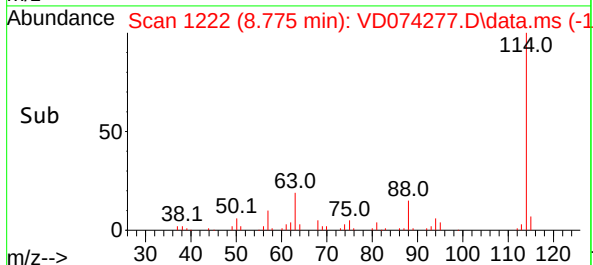
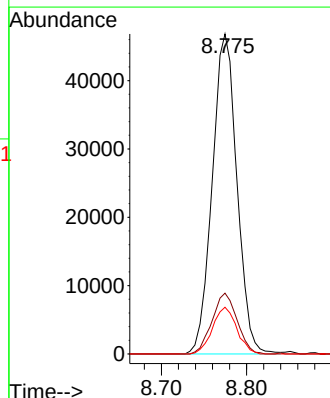
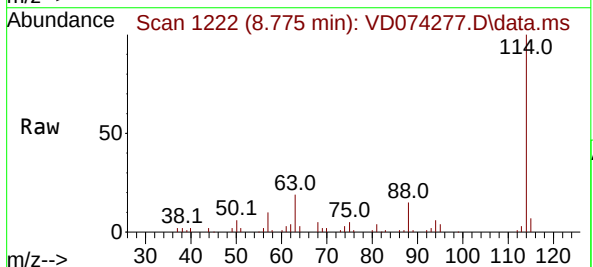
Tgt Ion: 114 Resp: 94298

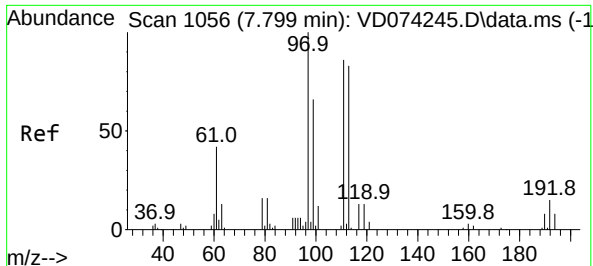
Ion Ratio Lower Upper

114 100

63 19.0 0.0 37.6

88 14.6 0.0 28.4





#35

Dibromofluoromethane

Concen: 55.299 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.005 min

Lab File: VD074277.D

Acq: 13 Sep 2022 20:37

Instrument :

MSVOA_D

ClientSampleId :

OR-02-091222

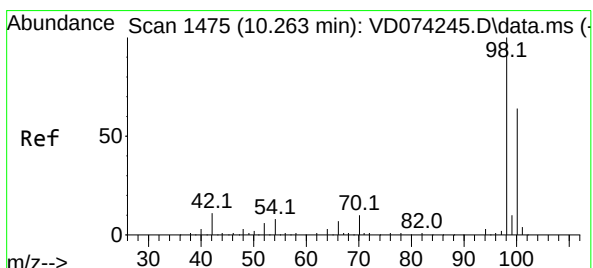
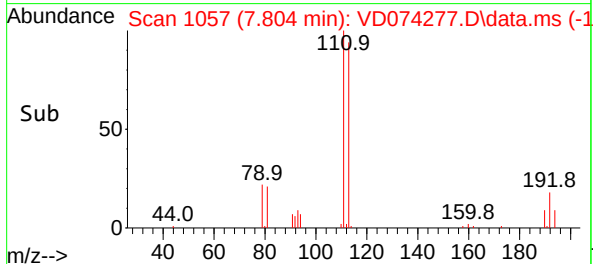
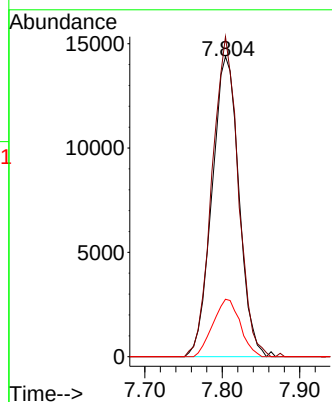
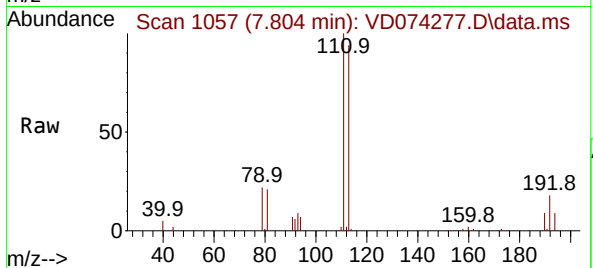
Tgt Ion:113 Resp: 34676

Ion Ratio Lower Upper

113 100

111 103.3 83.0 124.6

192 19.4 16.2 24.2



#50

Toluene-d8

Concen: 48.163 ug/l

RT: 10.263 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VD074277.D

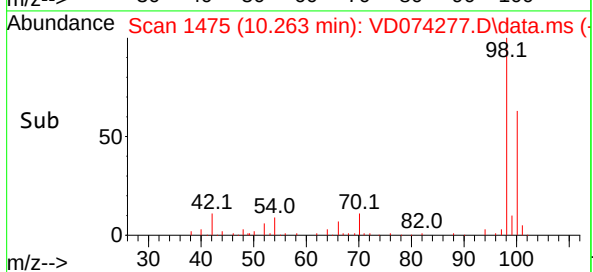
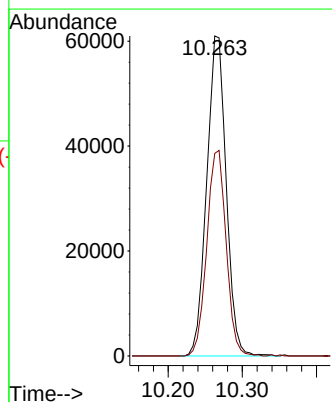
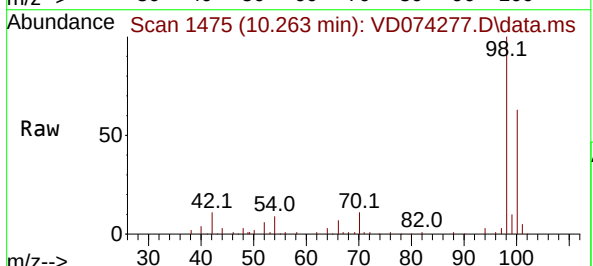
Acq: 13 Sep 2022 20:37

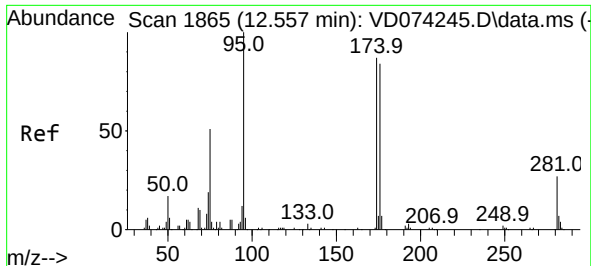
Tgt Ion: 98 Resp: 111331

Ion Ratio Lower Upper

98 100

100 63.8 51.8 77.8

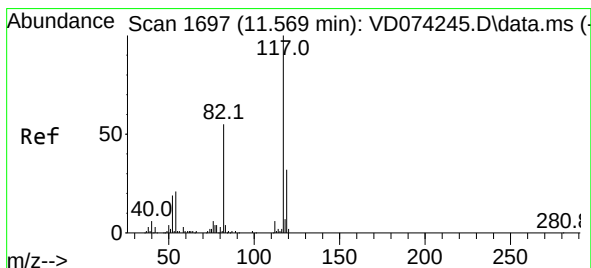
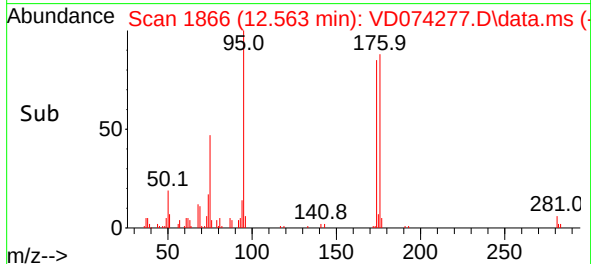
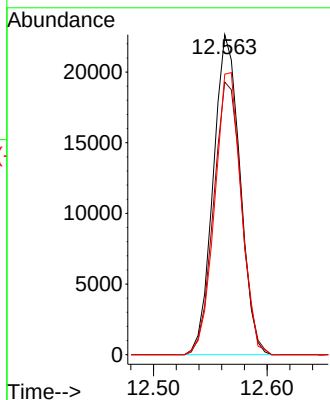
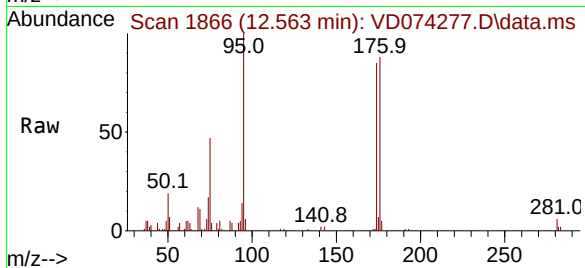




#62
4-Bromofluorobenzene
Concen: 45.273 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VD074277.D
Acq: 13 Sep 2022 20:37

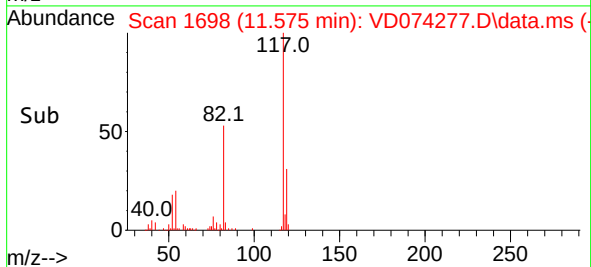
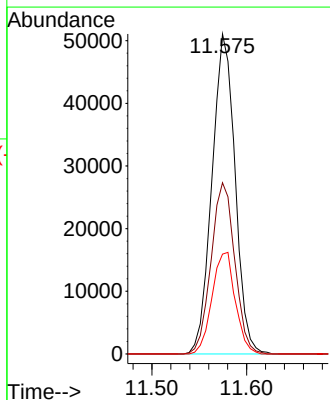
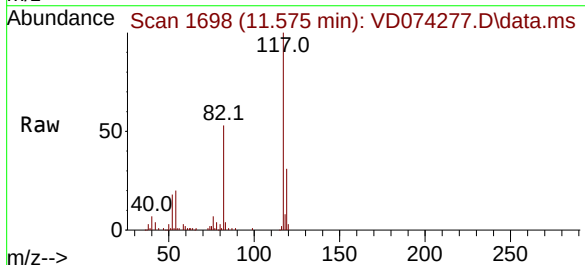
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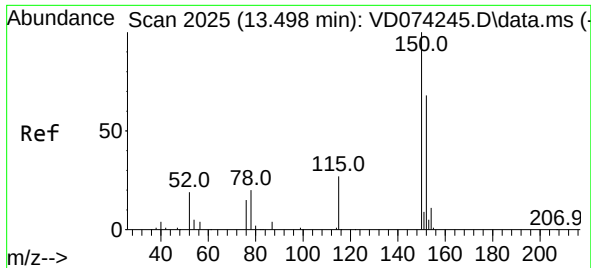
Tgt Ion: 95 Resp: 37077
Ion Ratio Lower Upper
95 100
174 88.5 0.0 179.2
176 87.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1698
Delta R.T. 0.005 min
Lab File: VD074277.D
Acq: 13 Sep 2022 20:37

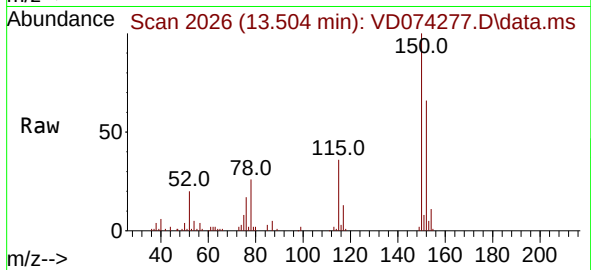
Tgt Ion: 117 Resp: 86692
Ion Ratio Lower Upper
117 100
82 53.5 44.2 66.2
119 31.2 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.504 min Scan# 20
 Delta R.T. 0.005 min
 Lab File: VD074277.D
 Acq: 13 Sep 2022 20:37

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-091222



Tgt Ion:152 Resp: 40634
 Ion Ratio Lower Upper
 152 100
 115 55.6 28.4 85.2
 150 154.5 0.0 351.0

