

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091422\
 Data File : VD074296.D
 Acq On : 14 Sep 2022 20:37
 Operator : VA/SY
 Sample : N4579-03RE
 Misc : 4.12G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CHERRY-HILL-COMP-11RE

Quant Time: Sep 15 04:16:18 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)

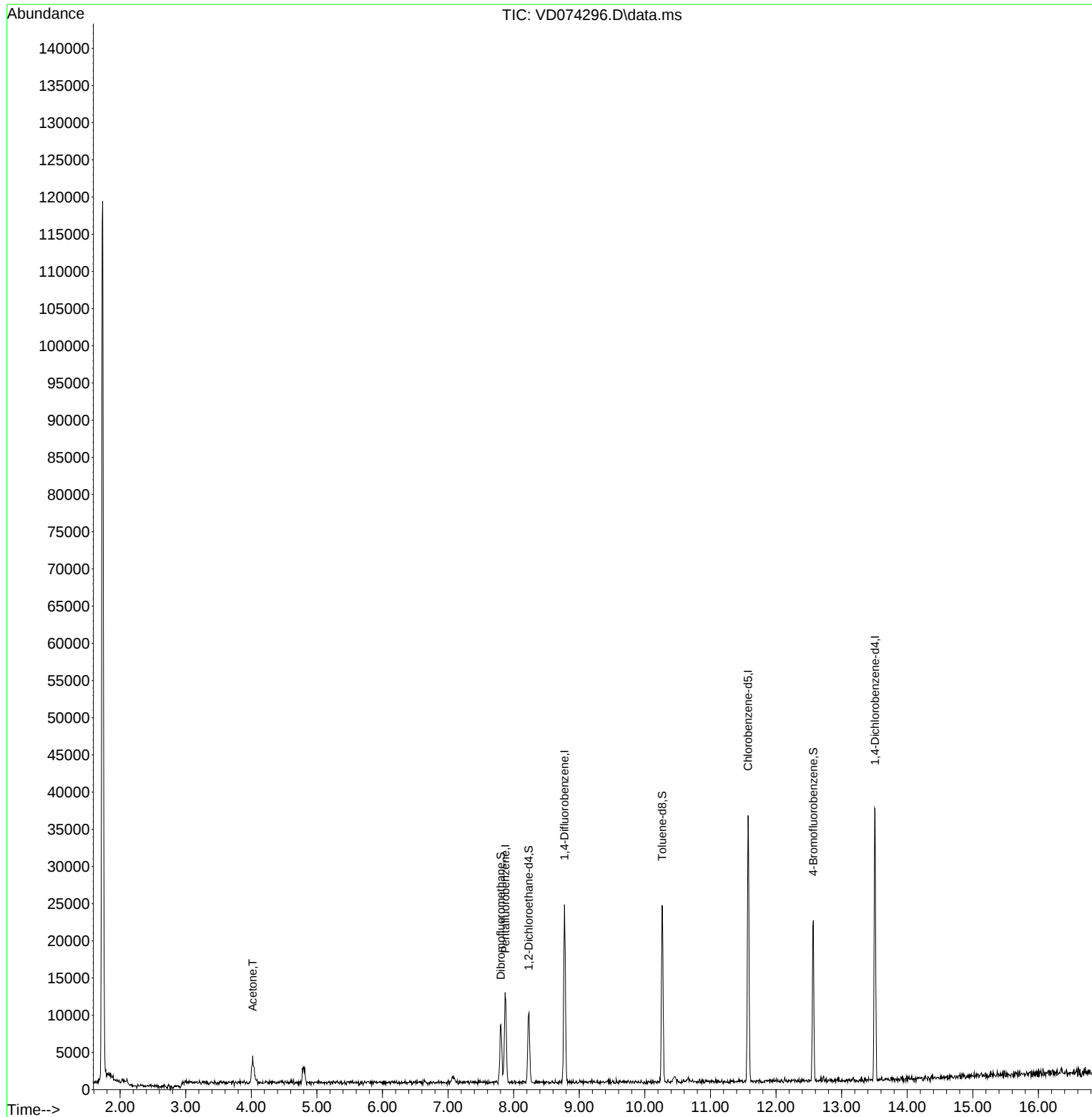
Internal Standards						
1) Pentafluorobenzene	7.875	168	10211	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	20787	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	21638	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	9691	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	7475	71.804	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	143.600%
35) Dibromofluoromethane	7.804	113	6207	44.240	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.480%
50) Toluene-d8	10.263	98	17400	34.148	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	68.300%
62) 4-Bromofluorobenzene	12.569	95	6619	35.136	ug/l	0.01
Spiked Amount	50.000	Range	25 - 144	Recovery	=	70.280%
Target Compounds						
16) Acetone	4.022	43	5930	275.969	ug/l	Qvalue # 68

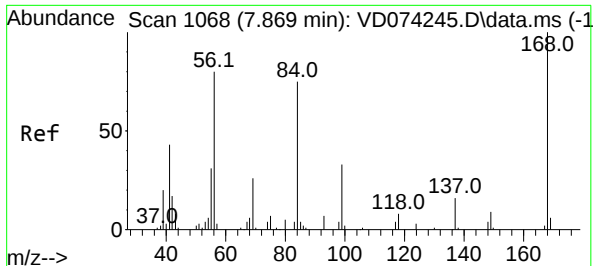
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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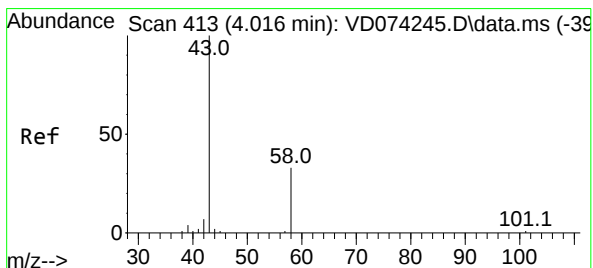
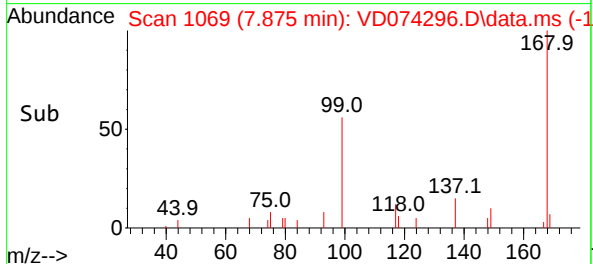
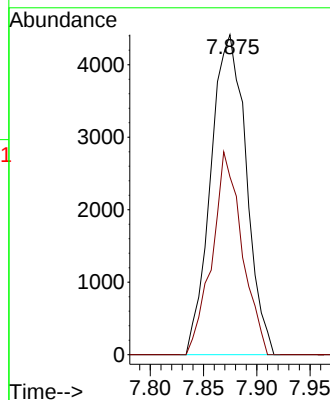
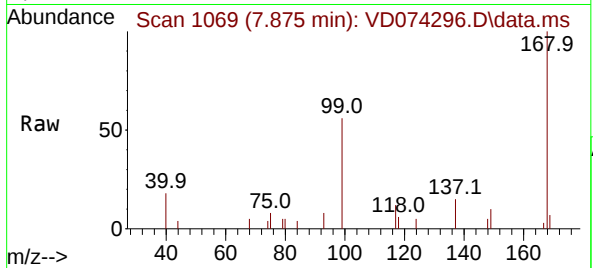




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VD074296.D
Acq: 14 Sep 2022 20:37

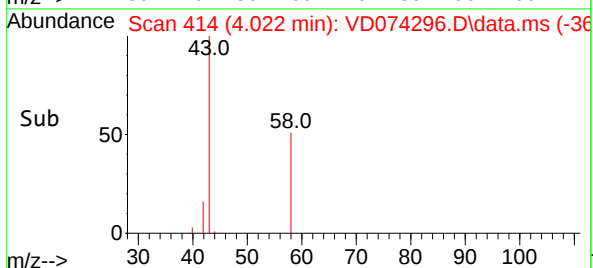
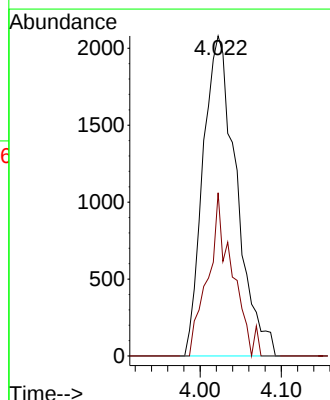
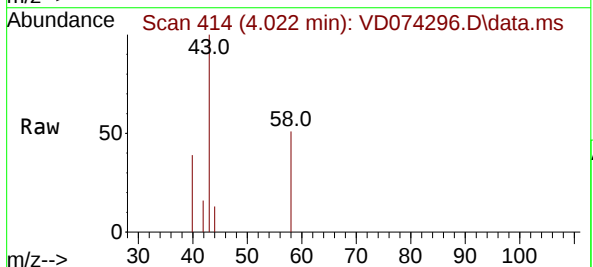
Instrument :
MSVOA_D
ClientSampleId :
CHERRY-HILL-COMP-11RE

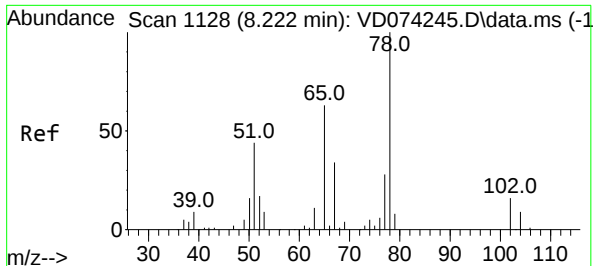
Tgt Ion:168 Resp: 10211
Ion Ratio Lower Upper
168 100
99 55.5 43.0 64.6



#16
Acetone
Concen: 275.969 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD074296.D
Acq: 14 Sep 2022 20:37

Tgt Ion: 43 Resp: 5930
Ion Ratio Lower Upper
43 100
58 51.0 26.4 39.6#





#33

1,2-Dichloroethane-d4

Concen: 71.804 ug/l

RT: 8.228 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VD074296.D

Acq: 14 Sep 2022 20:37

Instrument :

MSVOA_D

ClientSampleId :

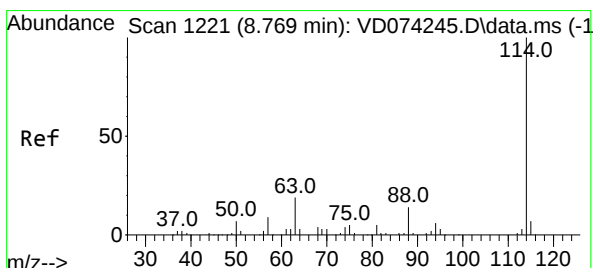
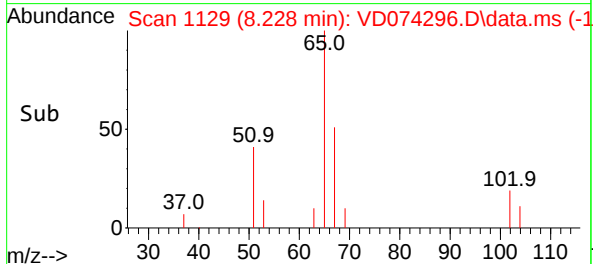
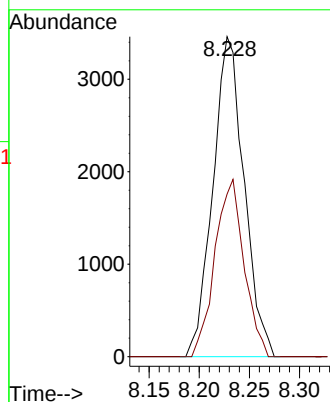
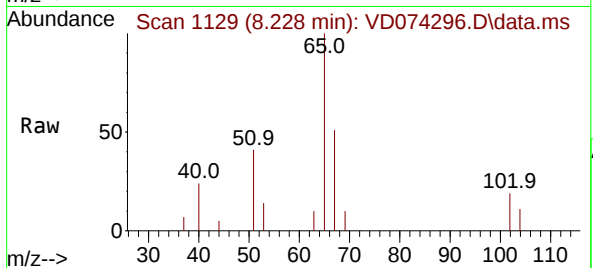
CHERRY-HILL-COMP-11RE

Tgt Ion: 65 Resp: 7475

Ion Ratio Lower Upper

65 100

67 51.8 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: VD074296.D

Acq: 14 Sep 2022 20:37

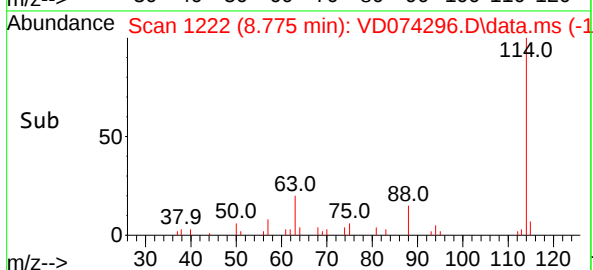
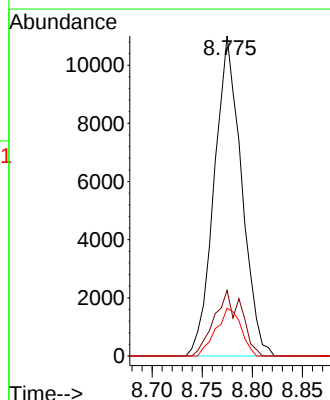
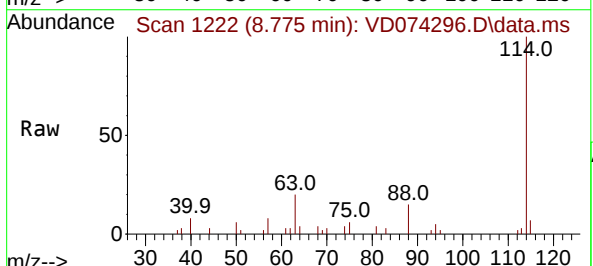
Tgt Ion: 114 Resp: 20787

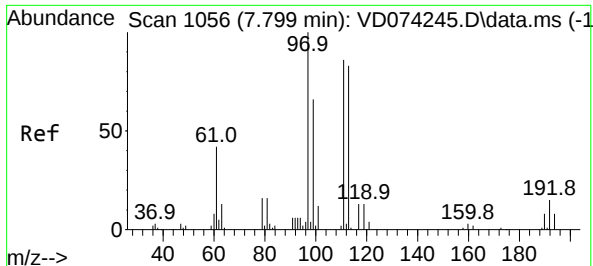
Ion Ratio Lower Upper

114 100

63 20.5 0.0 37.6

88 14.9 0.0 28.4





#35

Dibromofluoromethane

Concen: 44.240 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.005 min

Lab File: VD074296.D

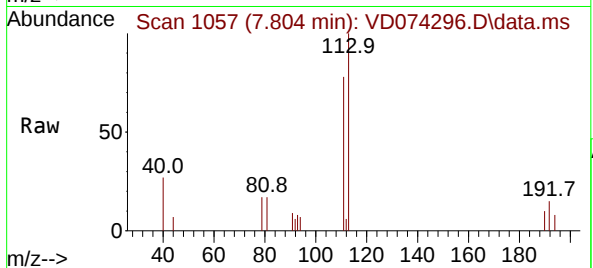
Acq: 14 Sep 2022 20:37

Instrument :

MSVOA_D

ClientSampleId :

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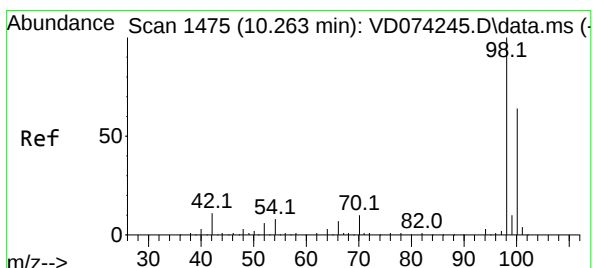
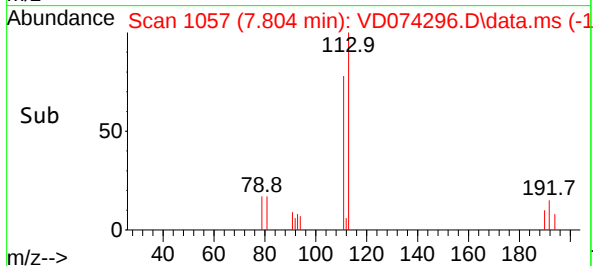
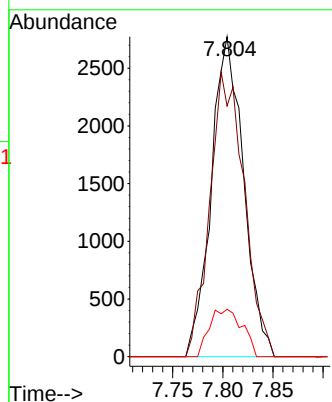
Tgt Ion:113 Resp: 6207

Ion Ratio Lower Upper

113 100

111 94.6 83.0 124.6

192 15.1 16.2 24.2#



#50

Toluene-d8

Concen: 34.148 ug/l

RT: 10.263 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VD074296.D

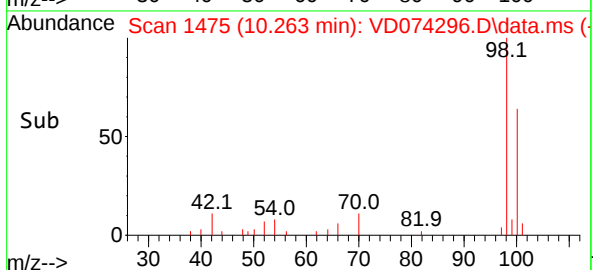
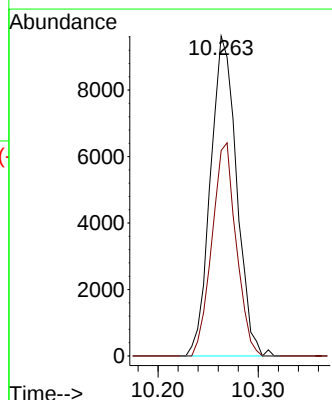
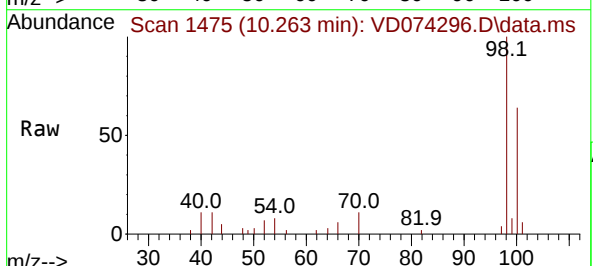
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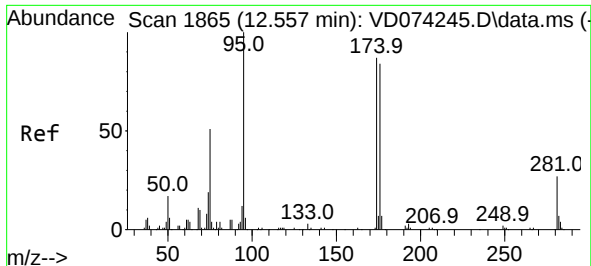
Tgt Ion: 98 Resp: 17400

Ion Ratio Lower Upper

98 100

100 61.8 51.8 77.8

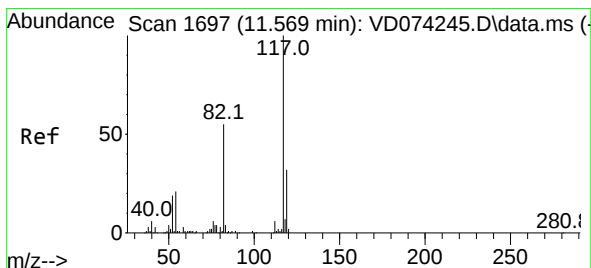
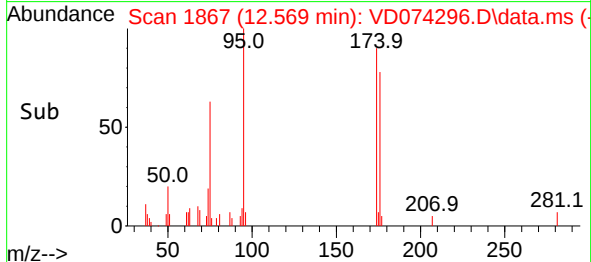
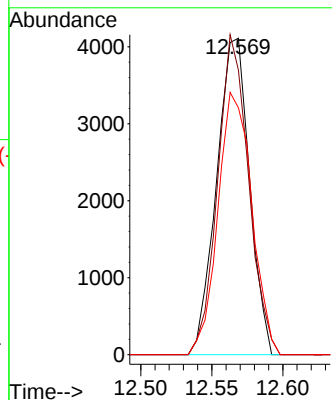
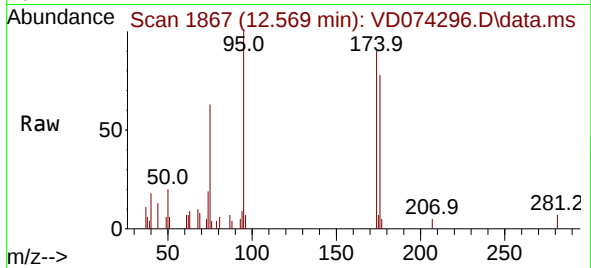




#62
4-Bromofluorobenzene
Concen: 35.136 ug/l
RT: 12.569 min Scan# 11
Delta R.T. 0.012 min
Lab File: VD074296.D
Acq: 14 Sep 2022 20:37

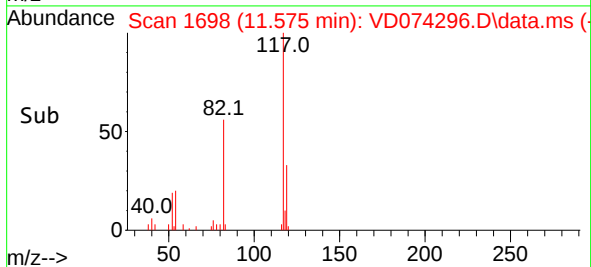
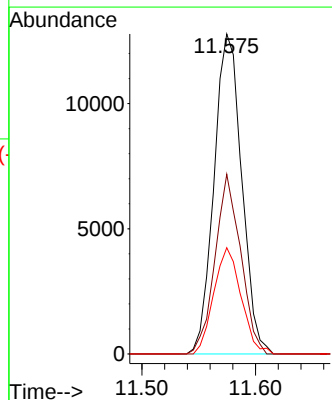
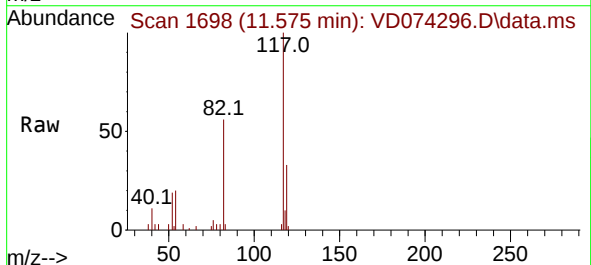
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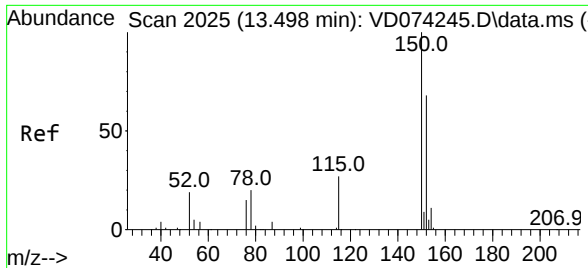
Tgt Ion: 95 Resp: 6619
Ion Ratio Lower Upper
95 100
174 94.9 0.0 179.2
176 85.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VD074296.D
Acq: 14 Sep 2022 20:37

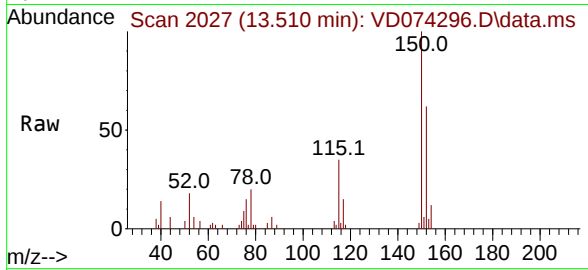
Tgt Ion: 117 Resp: 21638
Ion Ratio Lower Upper
117 100
82 56.2 44.2 66.2
119 33.2 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.510 min Scan# 20
 Delta R.T. 0.012 min
 Lab File: VD074296.D
 Acq: 14 Sep 2022 20:37

Instrument :
 MSVOA_D
 ClientSampleId :
 CHERRY-HILL-COMP-11RE



Tgt Ion:	152	Resp:	9691
Ion	Ratio	Lower	Upper
152	100		
115	59.9	28.4	85.2
150	175.9	0.0	351.0

