

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091422\
 Data File : VD074288.D
 Acq On : 14 Sep 2022 16:48
 Operator : VA/SY
 Sample : N4579-19
 Misc : 2.41G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CHERRY-HILL-COMP-15

Quant Time: Sep 15 04:14:58 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)

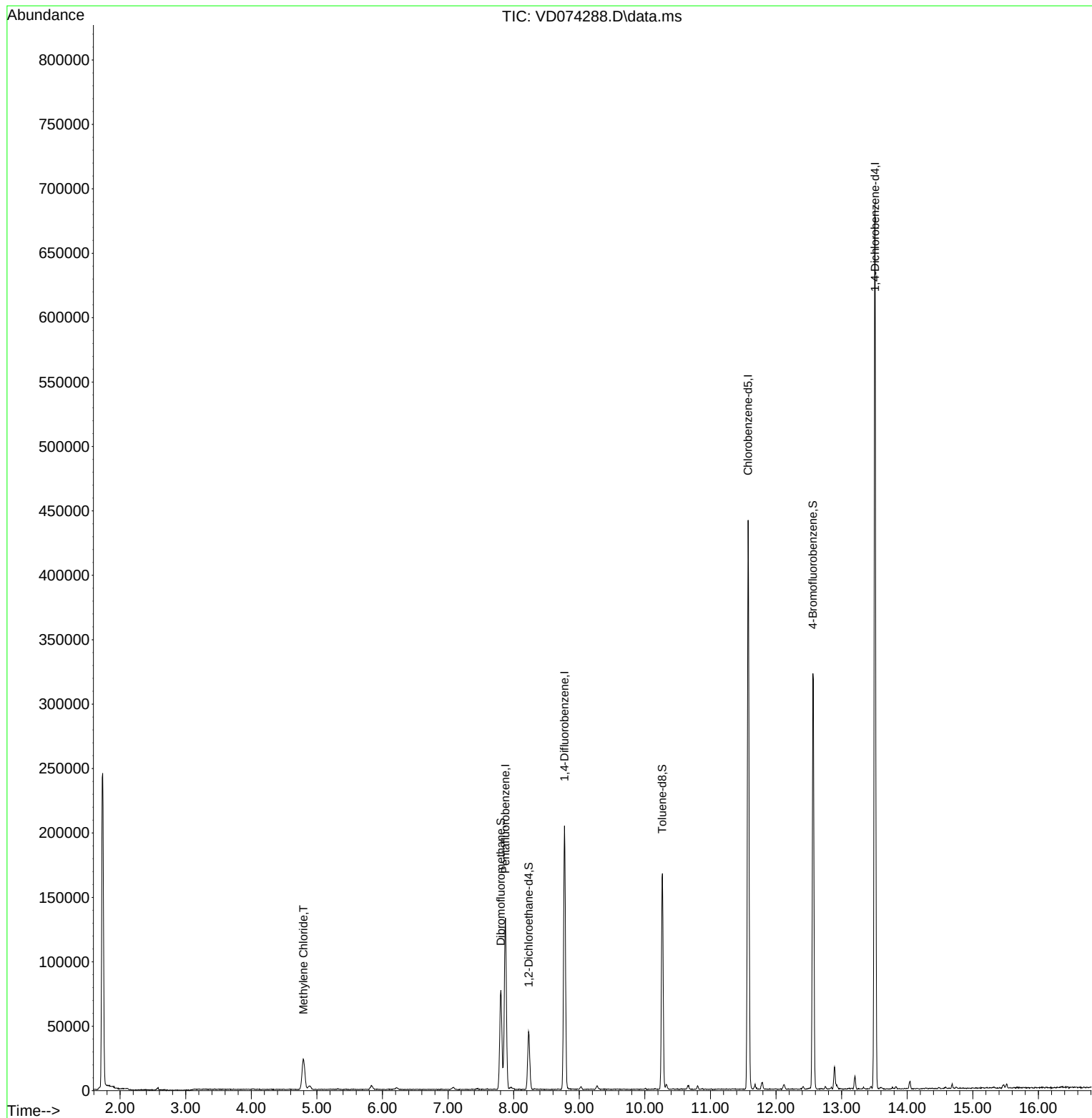
Internal Standards						
1) Pentafluorobenzene	7.875	168	101464	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	182101	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	252657	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	186693	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	33182	32.077	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	64.160%
35) Dibromofluoromethane	7.804	113	55890	45.571	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.140%
50) Toluene-d8	10.263	98	121660	27.254	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	54.500%
62) 4-Bromofluorobenzene	12.563	95	99289	65.888	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	131.780%
Target Compounds						
20) Methylene Chloride	4.793	84	18389	9.184	ug/l	Qvalue # 95

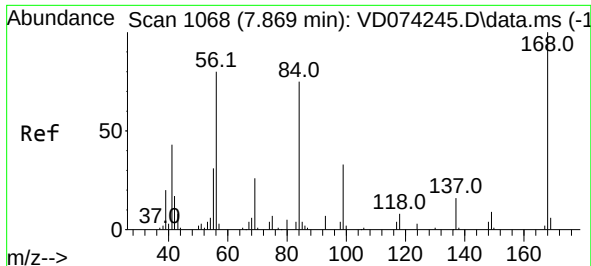
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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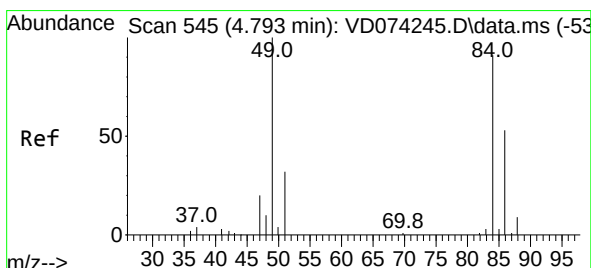
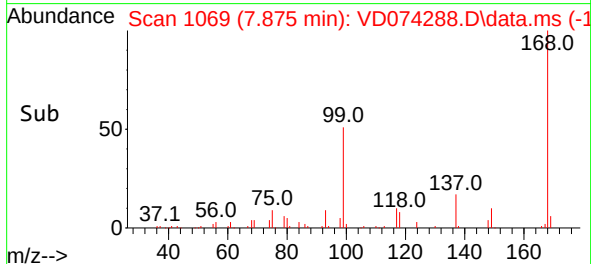
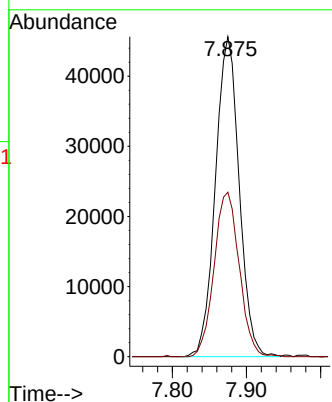
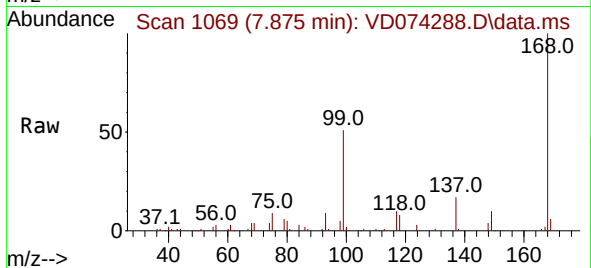




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VD074288.D
Acq: 14 Sep 2022 16:48

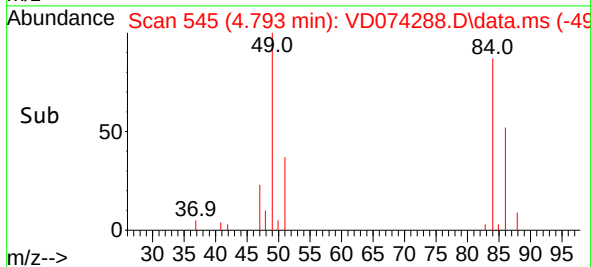
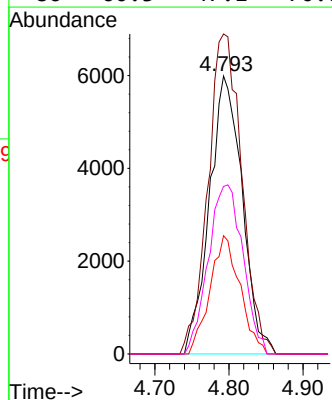
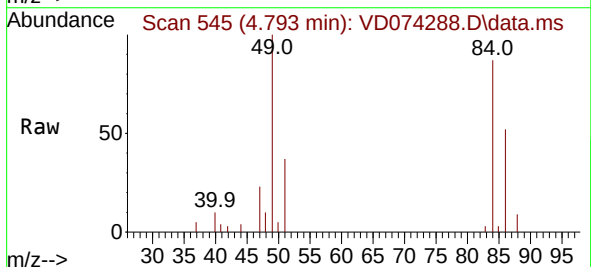
Instrument :
MSVOA_D
ClientSampleId :
CHERRY-HILL-COMP-15

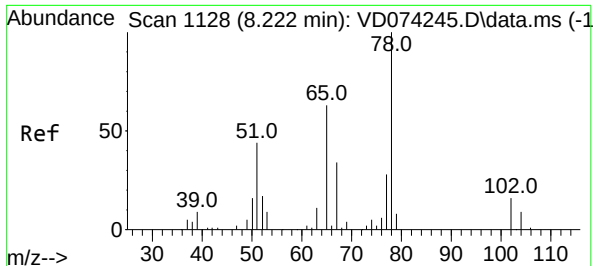
Tgt Ion:168 Resp: 101464
Ion Ratio Lower Upper
168 100
99 51.4 43.0 64.6



#20
Methylene Chloride
Concen: 9.184 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.000 min
Lab File: VD074288.D
Acq: 14 Sep 2022 16:48

Tgt Ion: 84 Resp: 18389
Ion Ratio Lower Upper
84 100
49 115.1 88.4 132.6
51 42.5 28.0 42.0#
86 60.3 47.1 70.7





#33

1,2-Dichloroethane-d4

Concen: 32.077 ug/l

RT: 8.228 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VD074288.D

Acq: 14 Sep 2022 16:48

Instrument :

MSVOA_D

ClientSampleId :

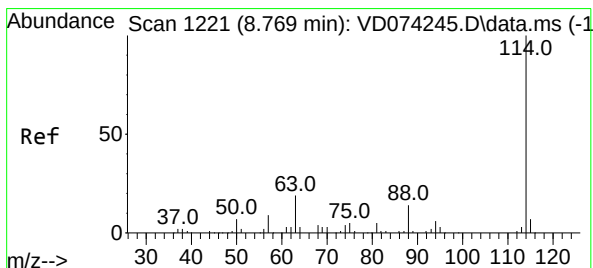
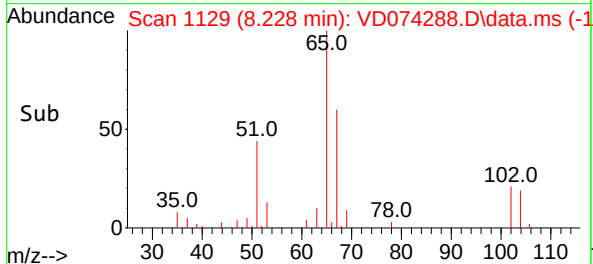
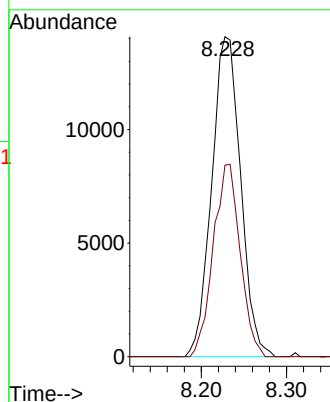
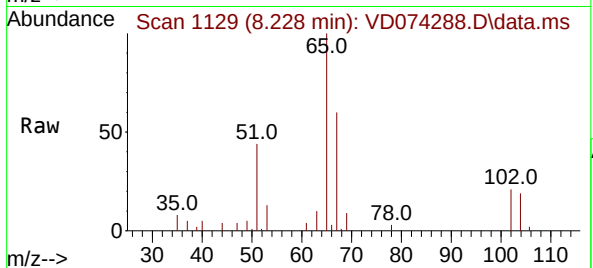
CHERRY-HILL-COMP-15

Tgt Ion: 65 Resp: 33182

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. 0.006 min

Lab File: VD074288.D

Acq: 14 Sep 2022 16:48

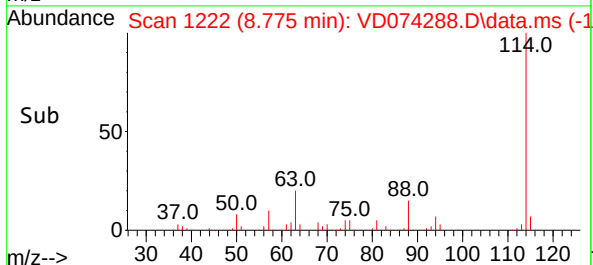
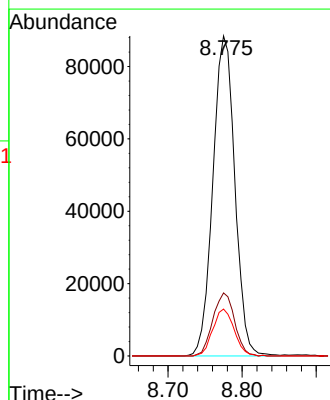
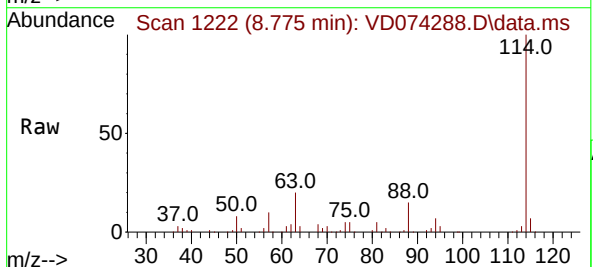
Tgt Ion: 114 Resp: 182101

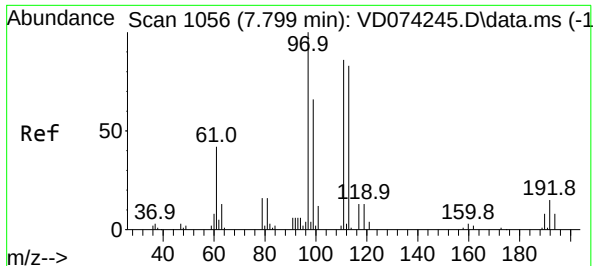
Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.6

88 14.7 0.0 28.4





#35

Dibromofluoromethane

Concen: 45.571 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.005 min

Lab File: VD074288.D

Acq: 14 Sep 2022 16:48

Instrument :

MSVOA_D

ClientSampleId :

CHERRY-HILL-COMP-15

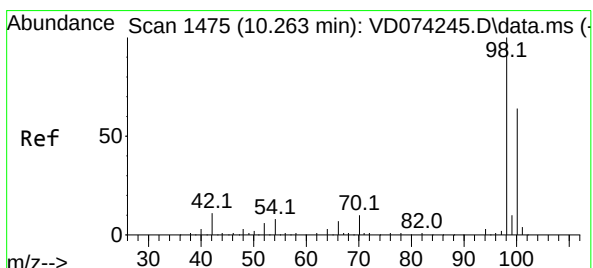
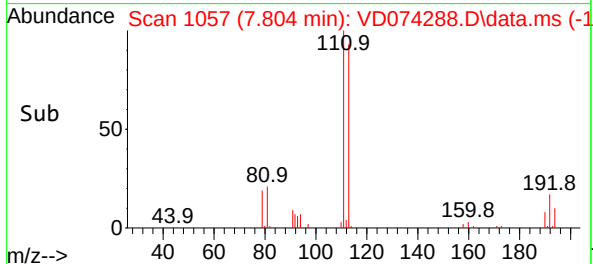
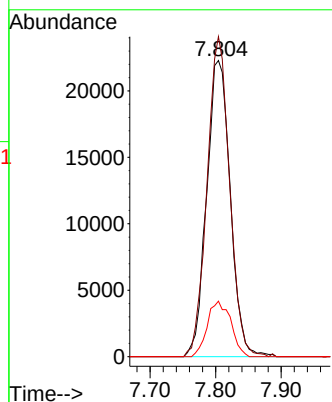
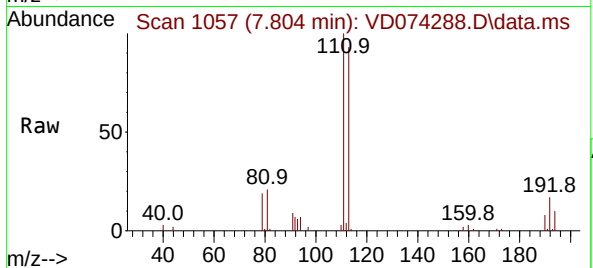
Tgt Ion:113 Resp: 55890

Ion Ratio Lower Upper

113 100

111 102.7 83.0 124.6

192 18.6 16.2 24.2



#50

Toluene-d8

Concen: 27.254 ug/l

RT: 10.263 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VD074288.D

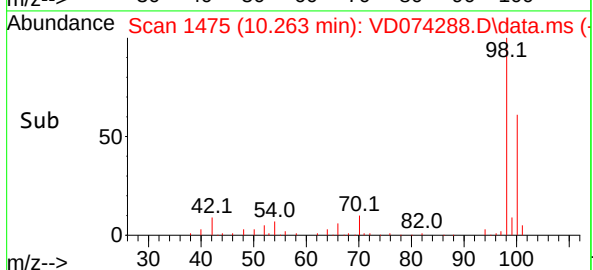
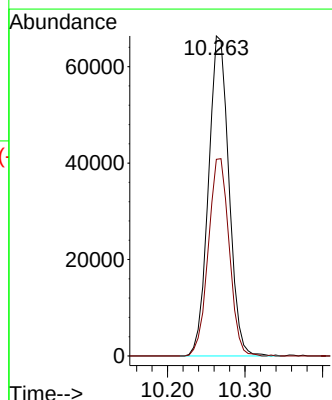
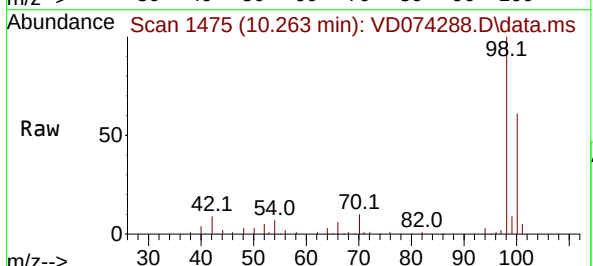
Acq: 14 Sep 2022 16:48

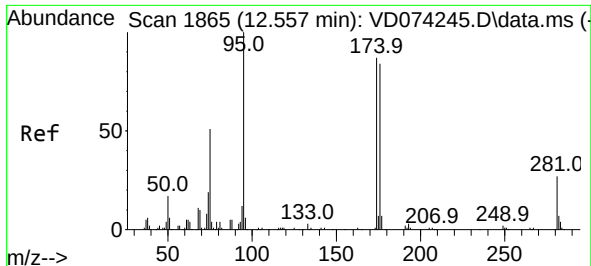
Tgt Ion: 98 Resp: 121660

Ion Ratio Lower Upper

98 100

100 62.8 51.8 77.8

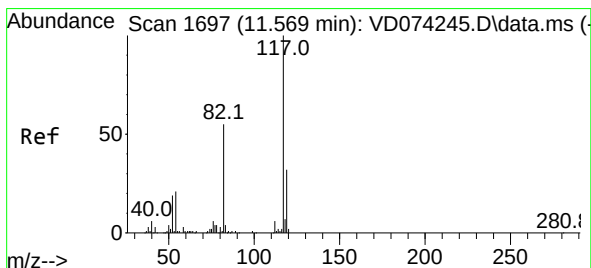
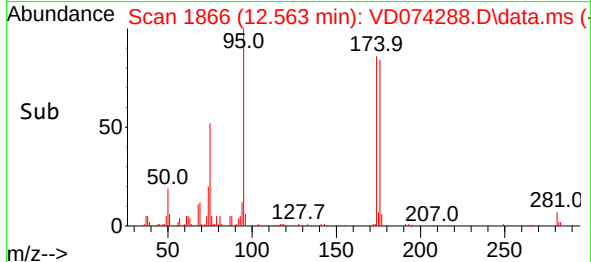
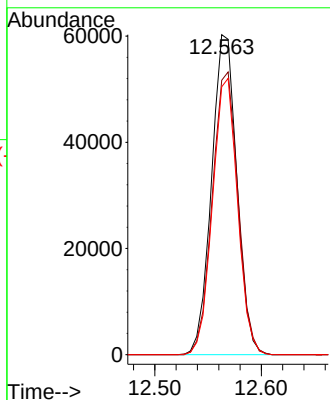
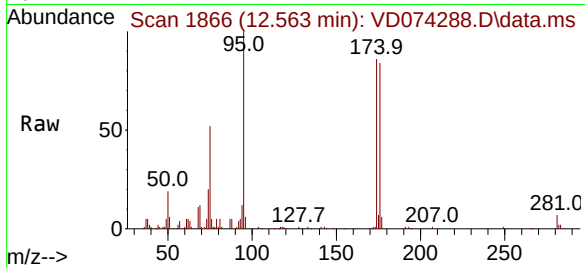




#62
4-Bromofluorobenzene
Concen: 65.888 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VD074288.D
Acq: 14 Sep 2022 16:48

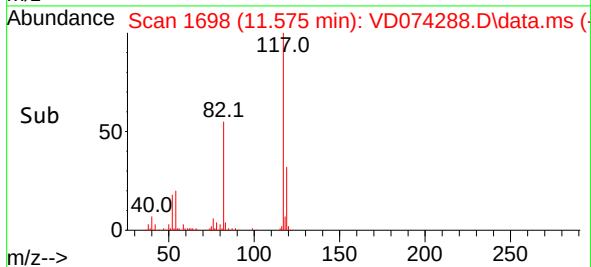
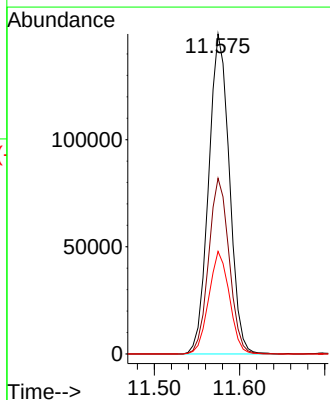
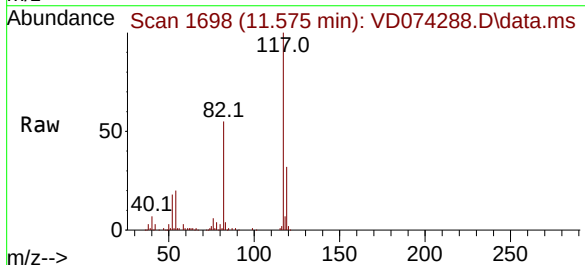
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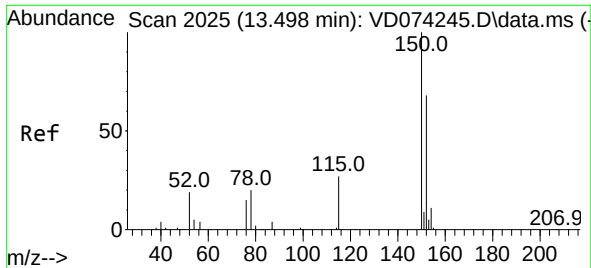
Tgt Ion: 95 Resp: 99289
Ion Ratio Lower Upper
95 100
174 89.9 0.0 179.2
176 85.3 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VD074288.D
Acq: 14 Sep 2022 16:48

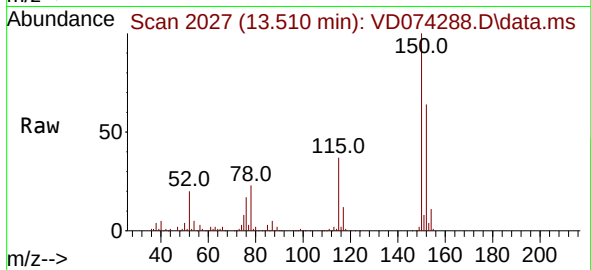
Tgt Ion: 117 Resp: 252657
Ion Ratio Lower Upper
117 100
82 54.9 44.2 66.2
119 32.0 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.510 min Scan# 20
 Delta R.T. 0.012 min
 Lab File: VD074288.D
 Acq: 14 Sep 2022 16:48

Instrument :
 MSVOA_D
 ClientSampleId :
 CHERRY-HILL-COMP-15



Tgt Ion:152 Resp: 186693
 Ion Ratio Lower Upper
 152 100
 115 56.4 28.4 85.2
 150 155.3 0.0 351.0

