

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091522\
 Data File : VD074306.D
 Acq On : 15 Sep 2022 14:12
 Operator : VA/SY
 Sample : N4579-11
 Misc : 5.22G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CHERRY-HILL-COMP-13

Quant Time: Sep 15 14:22:18 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)

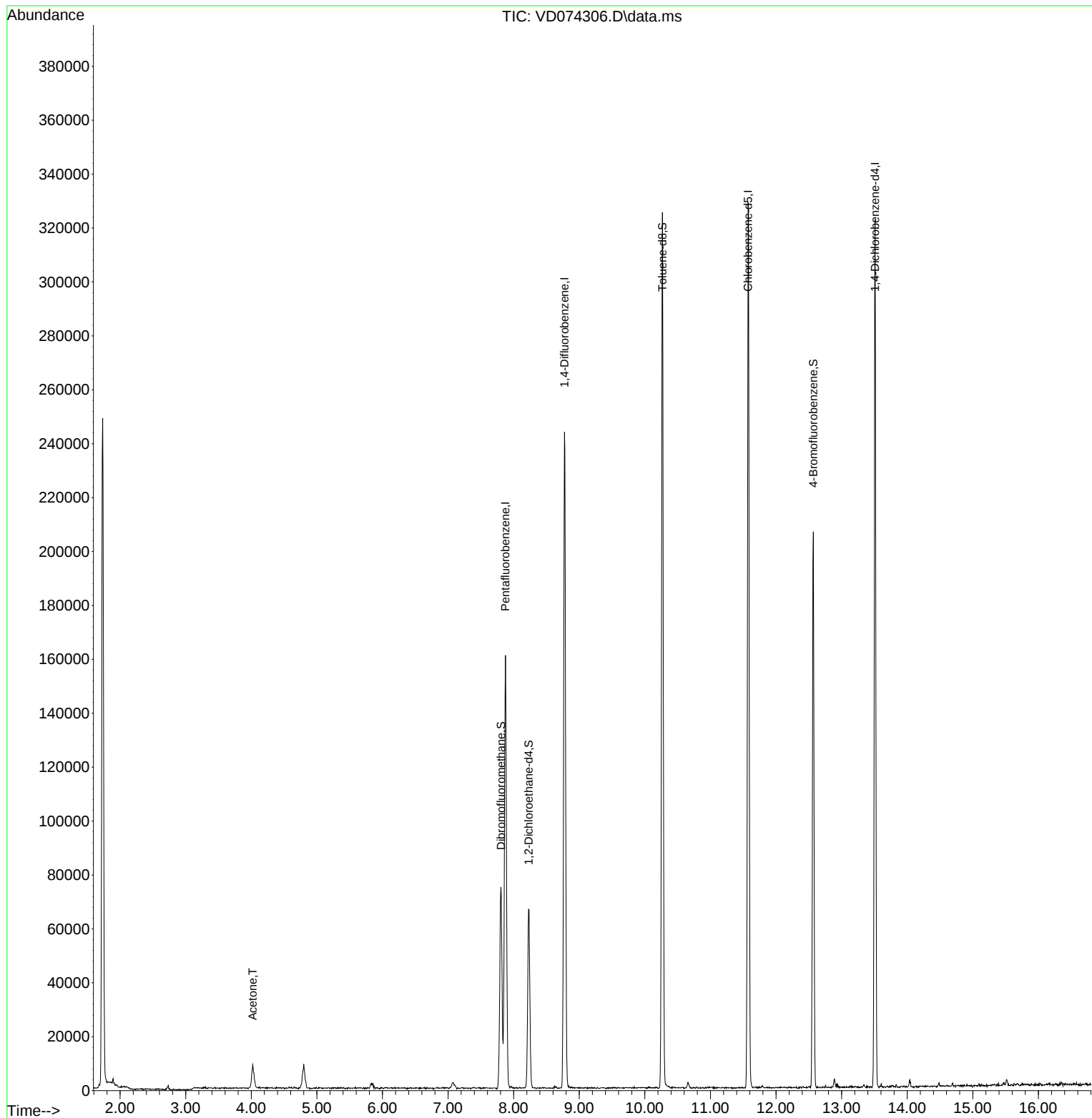
Internal Standards						
1) Pentafluorobenzene	7.875	168	121131	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	218868	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	190530	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	84526	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	53229	43.102	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.200%
35) Dibromofluoromethane	7.810	113	54852	36.564	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	73.120%
50) Toluene-d8	10.269	98	223216	41.605	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	83.200%
62) 4-Bromofluorobenzene	12.569	95	62868	30.909	ug/l	0.01
Spiked Amount	50.000	Range	25 - 144	Recovery	=	61.820%
Target Compounds						
16) Acetone	4.022	43	13741	53.906	ug/l	Qvalue 91

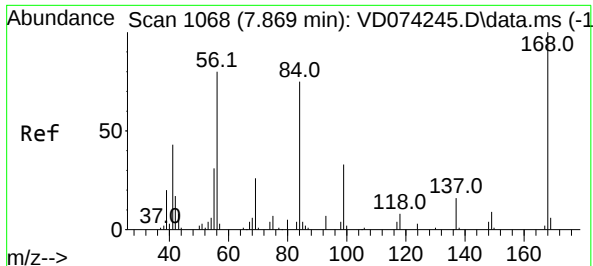
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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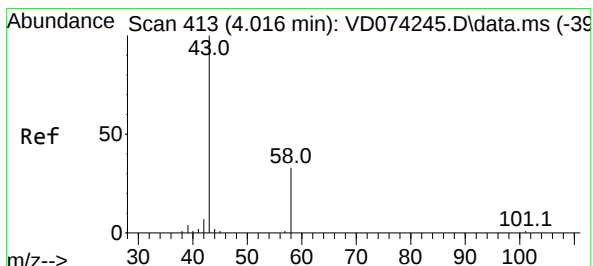
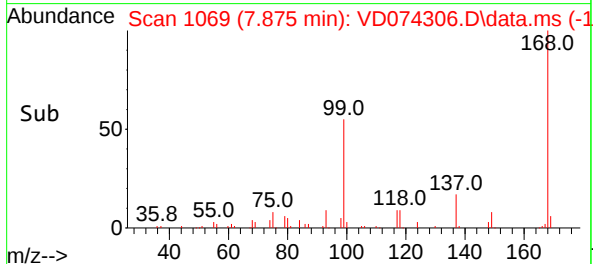
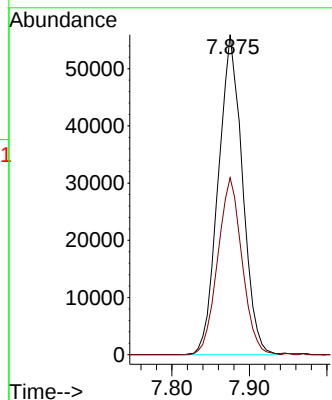
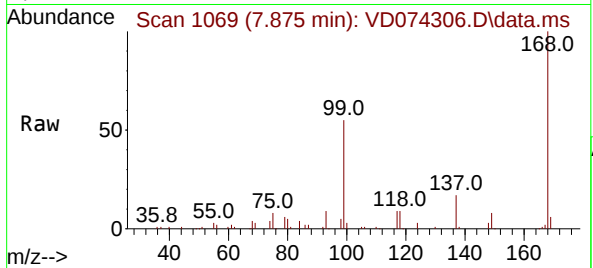




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VD074306.D
Acq: 15 Sep 2022 14:12

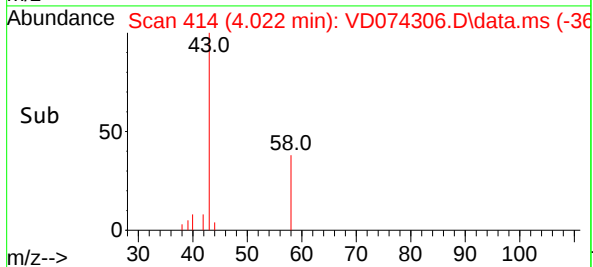
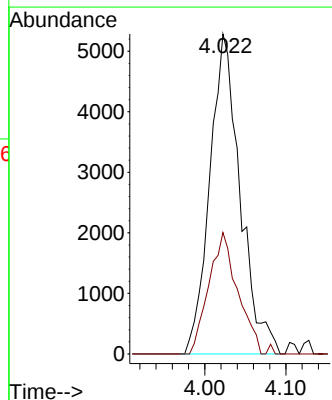
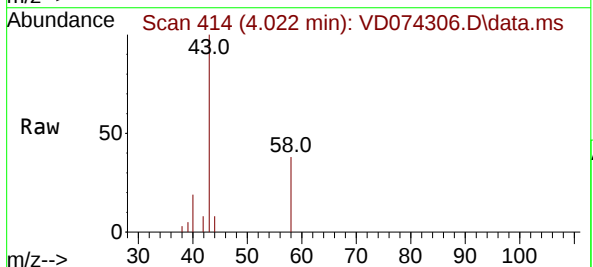
Instrument :
MSVOA_D
ClientSampleId :
CHERRY-HILL-COMP-13

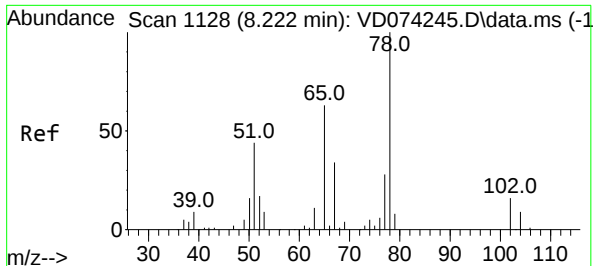
Tgt Ion:168 Resp: 121131
Ion Ratio Lower Upper
168 100
99 55.3 43.0 64.6



#16
Acetone
Concen: 53.906 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD074306.D
Acq: 15 Sep 2022 14:12

Tgt Ion: 43 Resp: 13741
Ion Ratio Lower Upper
43 100
58 38.0 26.4 39.6





#33

1,2-Dichloroethane-d4

Concen: 43.102 ug/l

RT: 8.228 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VD074306.D

Acq: 15 Sep 2022 14:12

Instrument :

MSVOA_D

ClientSampleId :

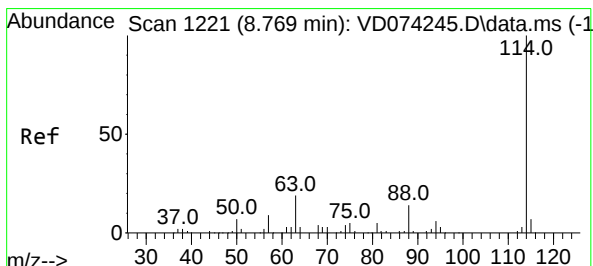
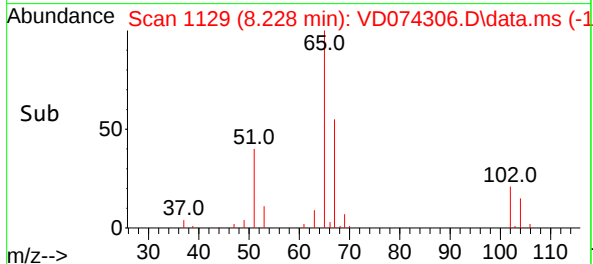
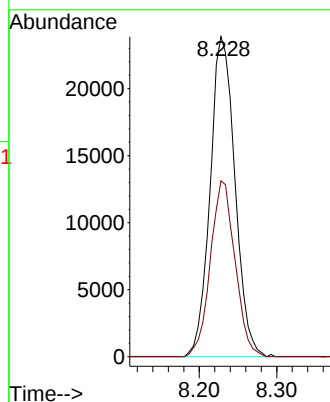
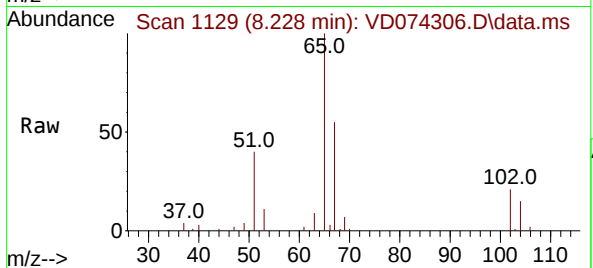
CHERRY-HILL-COMP-13

Tgt Ion: 65 Resp: 53229

Ion Ratio Lower Upper

65 100

67 54.6 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: VD074306.D

Acq: 15 Sep 2022 14:12

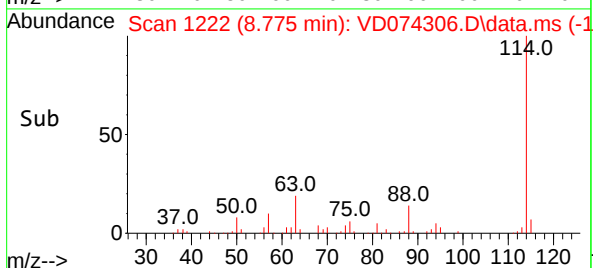
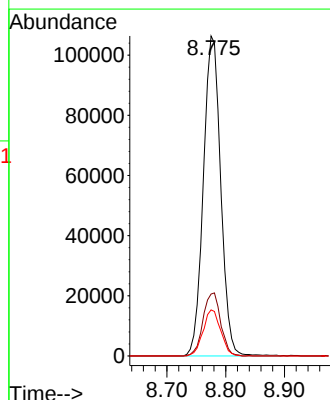
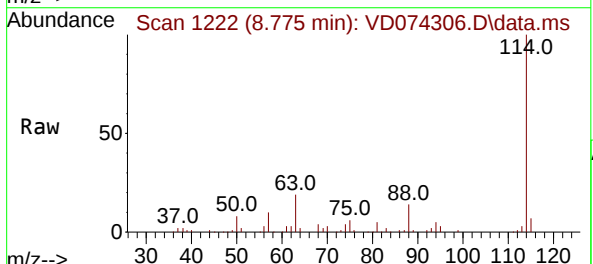
Tgt Ion: 114 Resp: 218868

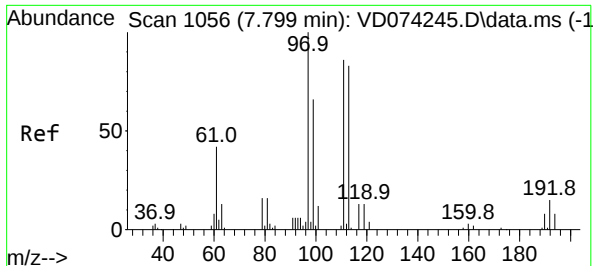
Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.6

88 14.4 0.0 28.4





#35

Dibromofluoromethane

Concen: 36.564 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.011 min

Lab File: VD074306.D

Acq: 15 Sep 2022 14:12

Instrument :

MSVOA_D

ClientSampleId :

CHERRY-HILL-COMP-13

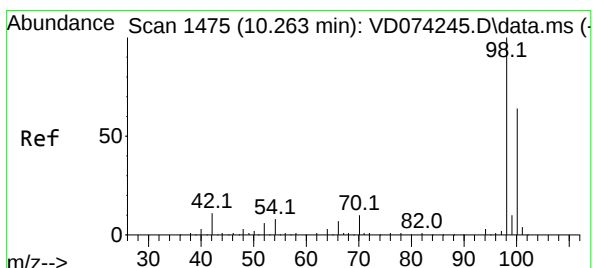
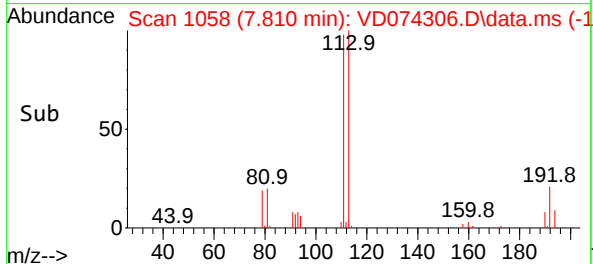
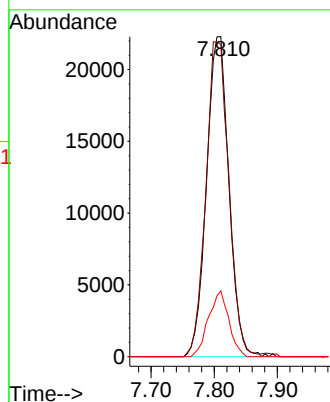
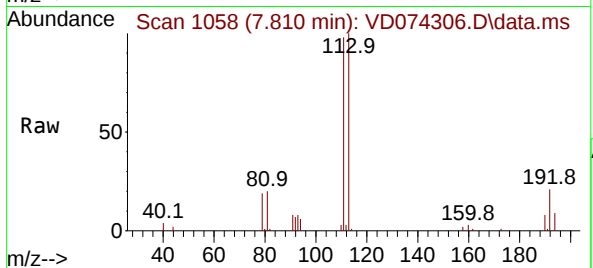
Tgt Ion:113 Resp: 54852

Ion Ratio Lower Upper

113 100

111 100.8 83.0 124.6

192 18.7 16.2 24.2



#50

Toluene-d8

Concen: 41.605 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VD074306.D

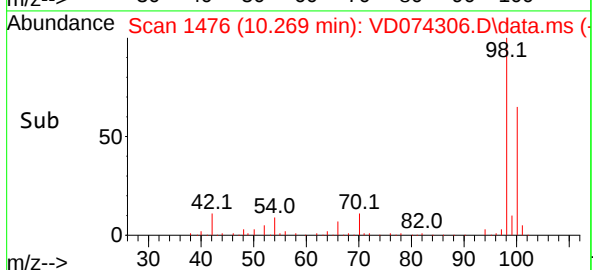
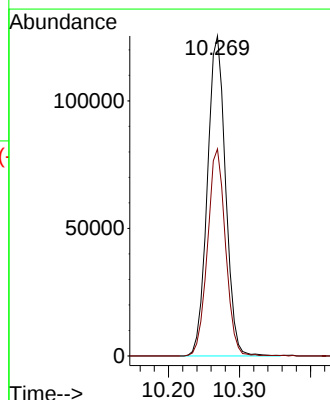
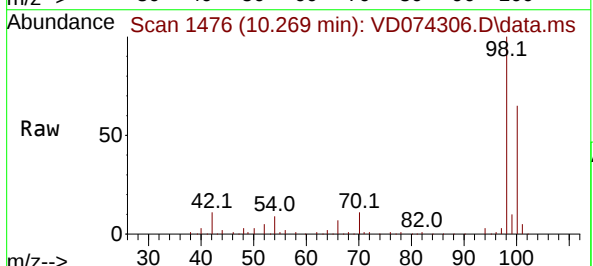
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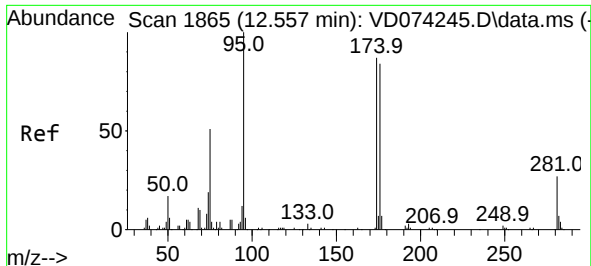
Tgt Ion: 98 Resp: 223216

Ion Ratio Lower Upper

98 100

100 64.0 51.8 77.8

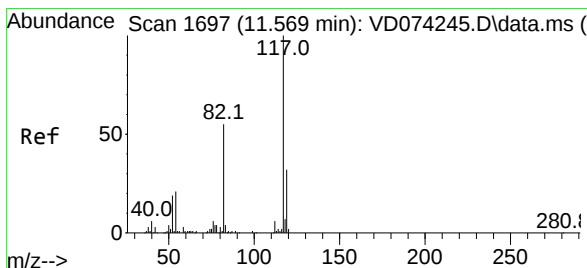
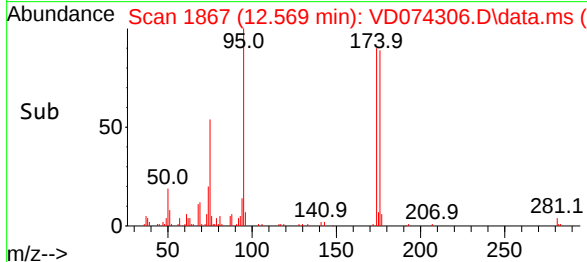
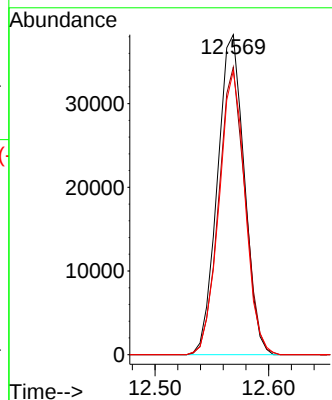
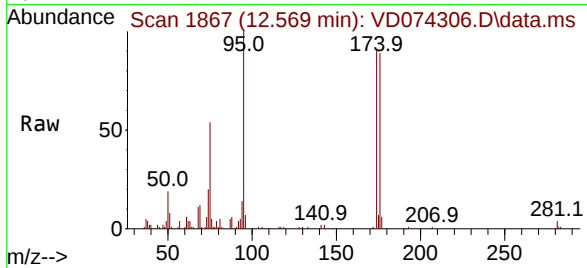




#62
4-Bromofluorobenzene
Concen: 30.909 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.012 min
Lab File: VD074306.D
Acq: 15 Sep 2022 14:12

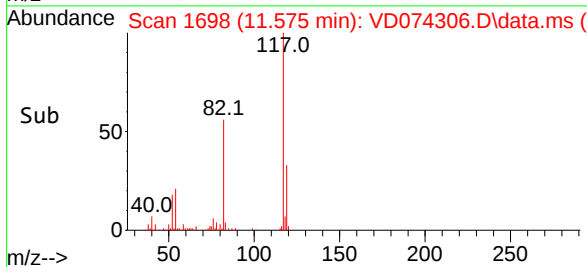
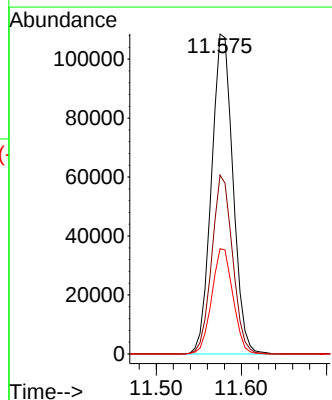
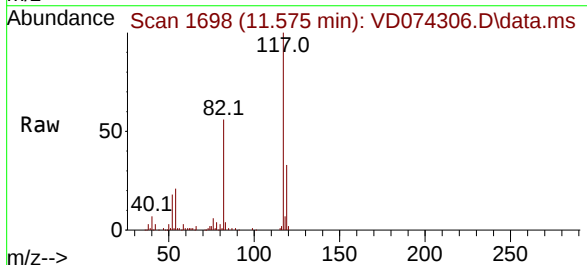
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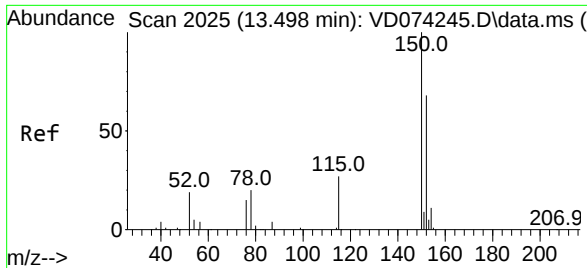
Tgt Ion: 95 Resp: 62868
Ion Ratio Lower Upper
95 100
174 87.7 0.0 179.2
176 86.0 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VD074306.D
Acq: 15 Sep 2022 14:12

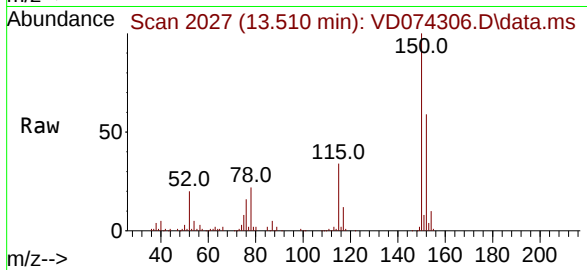
Tgt Ion: 117 Resp: 190530
Ion Ratio Lower Upper
117 100
82 55.9 44.2 66.2
119 32.9 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.510 min Scan# 20
 Delta R.T. 0.012 min
 Lab File: VD074306.D
 Acq: 15 Sep 2022 14:12

Instrument :
 MSVOA_D
 ClientSampleId :
 CHERRY-HILL-COMP-13



Tgt Ion:152 Resp: 84526
 Ion Ratio Lower Upper
 152 100
 115 57.2 28.4 85.2
 150 160.0 0.0 351.0

