

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091422\
 Data File : VD074290.D
 Acq On : 14 Sep 2022 17:45
 Operator : VA/SY
 Sample : N4579-23
 Misc : 2.48G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CHERRY-HILL-COMP-16

Quant Time: Sep 15 04:15:15 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)

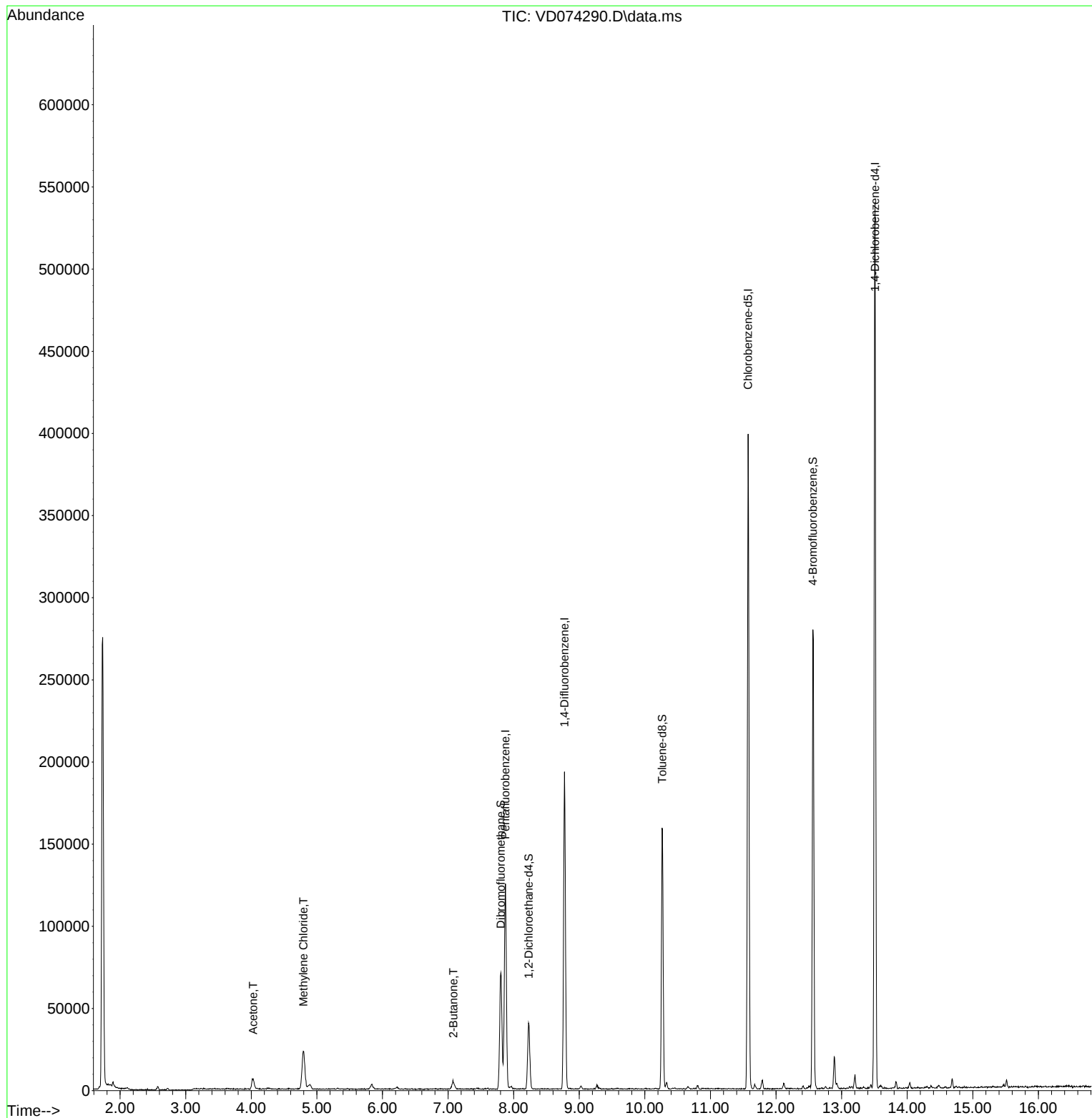
Internal Standards						
1) Pentafluorobenzene	7.875	168	94066	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	167782	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	225861	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	145311	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	31562	32.911	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	65.820%
35) Dibromofluoromethane	7.804	113	53003	47.008	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.020%
50) Toluene-d8	10.263	98	113089	27.496	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	55.000%
62) 4-Bromofluorobenzene	12.563	95	85546	61.091	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	122.180%
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	11318	57.176	ug/l	99
20) Methylene Chloride	4.793	84	18464	10.521	ug/l	91
25) 2-Butanone	7.081	43	3520	10.662	ug/l	95

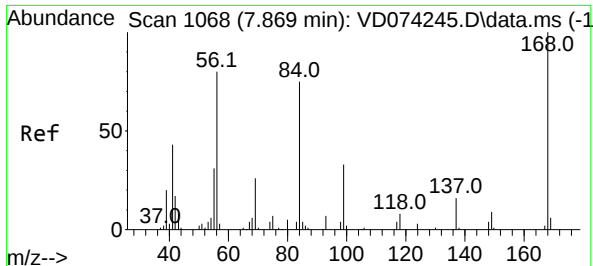
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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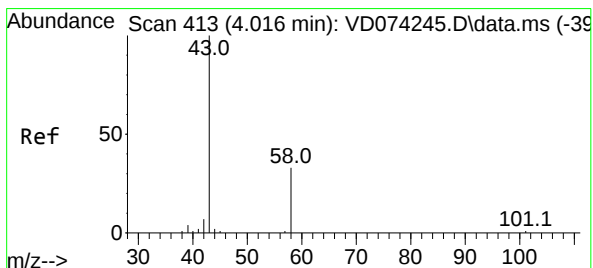
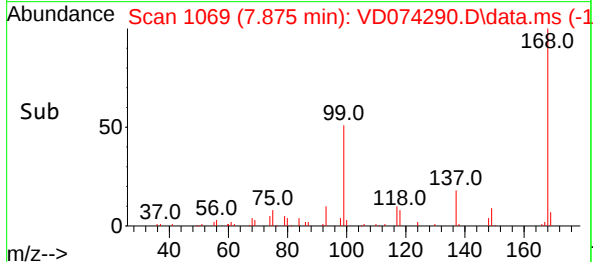
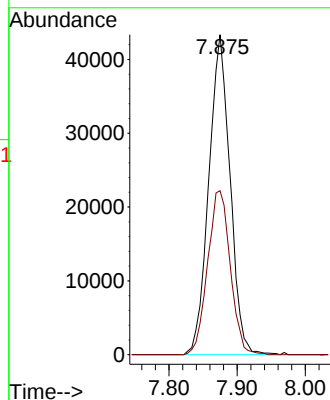
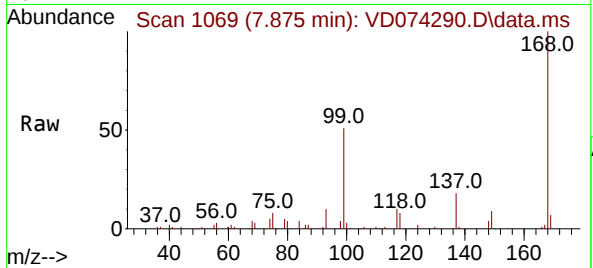




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VD074290.D
Acq: 14 Sep 2022 17:45

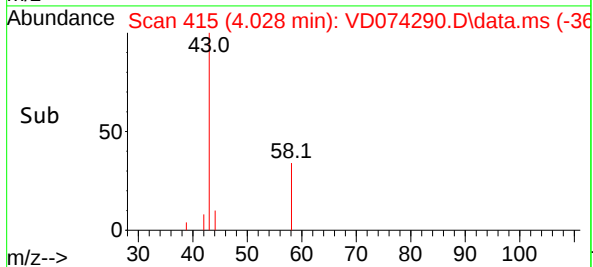
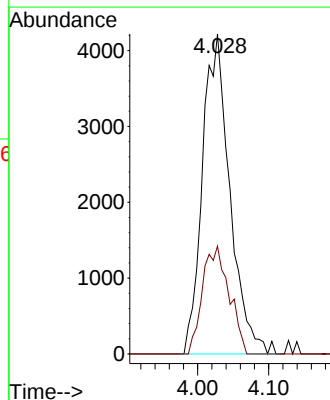
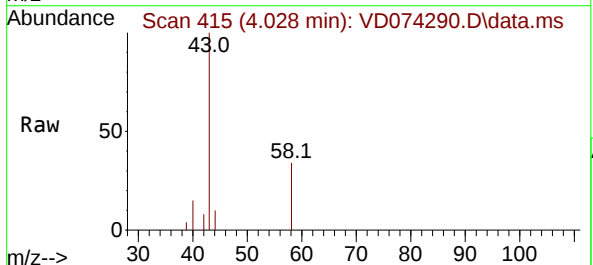
Instrument :
MSVOA_D
ClientSampleId :
CHERRY-HILL-COMP-16

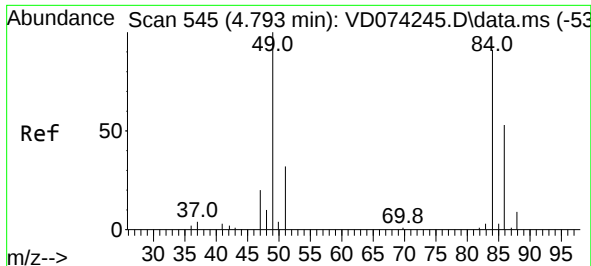
Tgt Ion:168 Resp: 94066
Ion Ratio Lower Upper
168 100
99 51.3 43.0 64.6



#16
Acetone
Concen: 57.176 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.011 min
Lab File: VD074290.D
Acq: 14 Sep 2022 17:45

Tgt Ion: 43 Resp: 11318
Ion Ratio Lower Upper
43 100
58 33.7 26.4 39.6

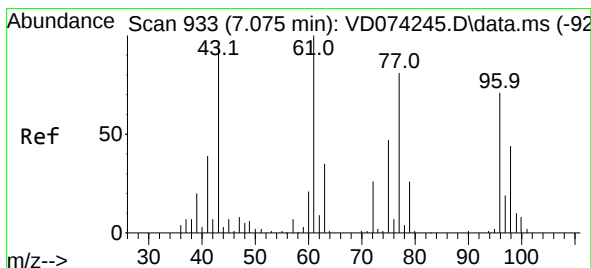
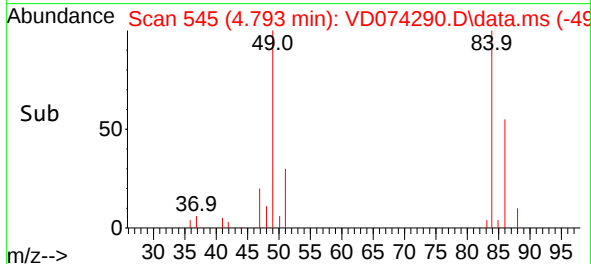
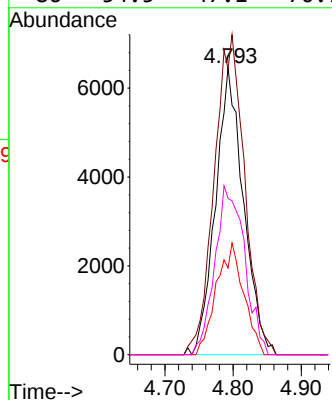
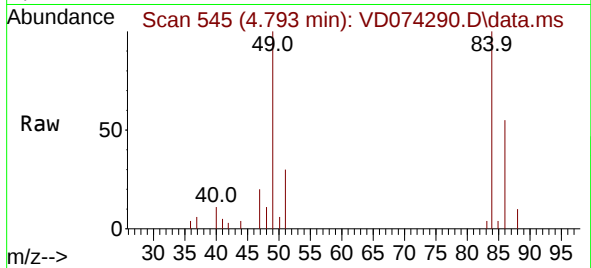




#20
Methylene Chloride
Concen: 10.521 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.000 min
Lab File: VD074290.D
Acq: 14 Sep 2022 17:45

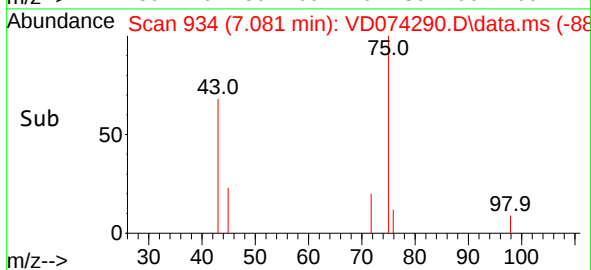
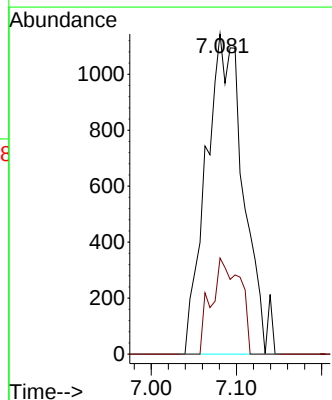
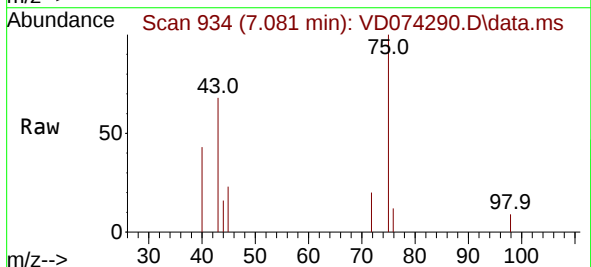
Instrument :
MSVOA_D
ClientSampleId :
CHERRY-HILL-COMP-16

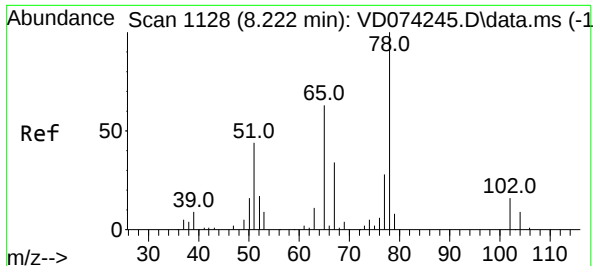
Tgt Ion:	84	Resp:	18464
Ion	Ratio	Lower	Upper
84	100		
49	99.5	88.4	132.6
51	30.2	28.0	42.0
86	54.5	47.1	70.7



#25
2-Butanone
Concen: 10.662 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD074290.D
Acq: 14 Sep 2022 17:45

Tgt Ion:	43	Resp:	3520
Ion	Ratio	Lower	Upper
43	100		
72	30.0	21.8	32.6





#33

1,2-Dichloroethane-d4

Concen: 32.911 ug/l

RT: 8.228 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VD074290.D

Acq: 14 Sep 2022 17:45

Instrument :

MSVOA_D

ClientSampleId :

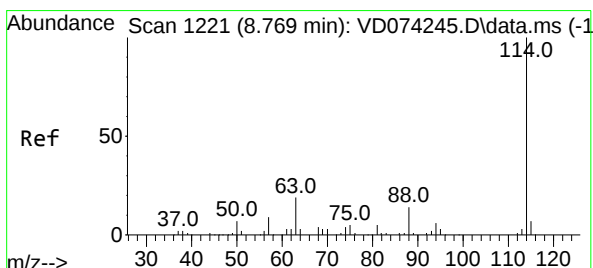
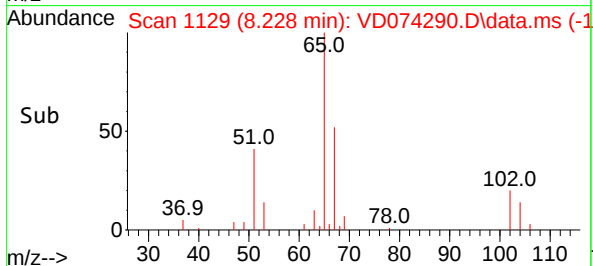
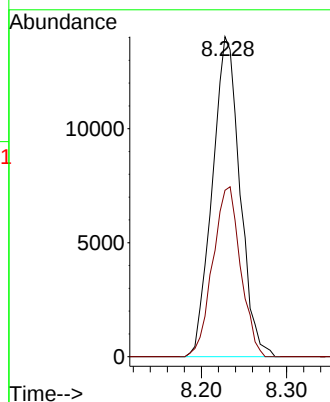
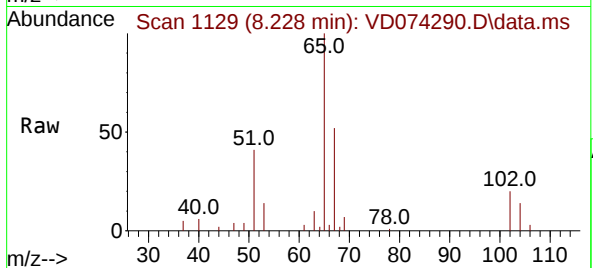
CHERRY-HILL-COMP-16

Tgt Ion: 65 Resp: 31562

Ion Ratio Lower Upper

65 100

67 53.5 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: VD074290.D

Acq: 14 Sep 2022 17:45

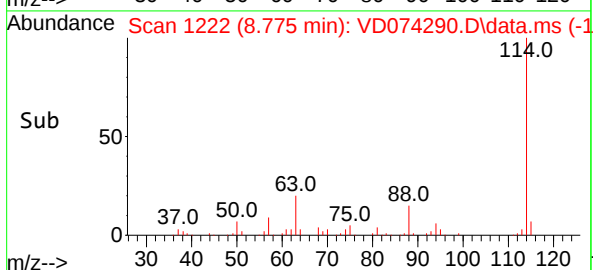
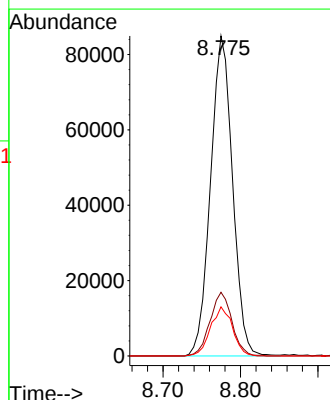
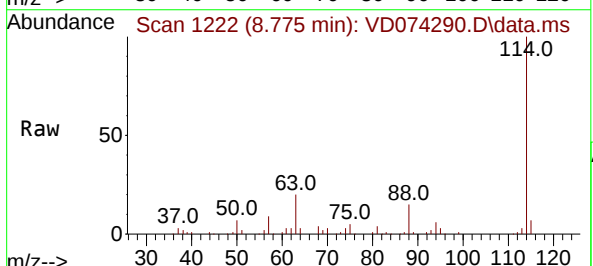
Tgt Ion: 114 Resp: 167782

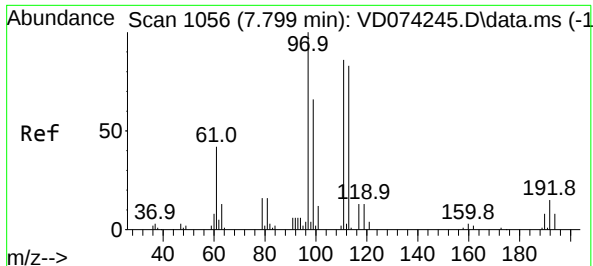
Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.6

88 15.3 0.0 28.4





#35

Dibromofluoromethane

Concen: 47.008 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.005 min

Lab File: VD074290.D

Acq: 14 Sep 2022 17:45

Instrument :

MSVOA_D

ClientSampleId :

CHERRY-HILL-COMP-16

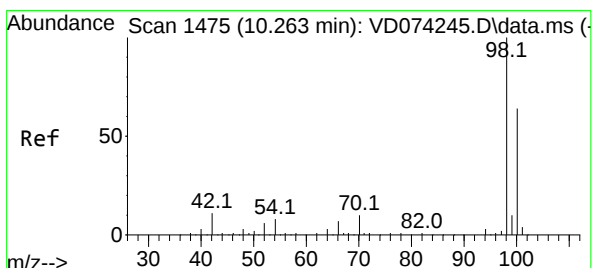
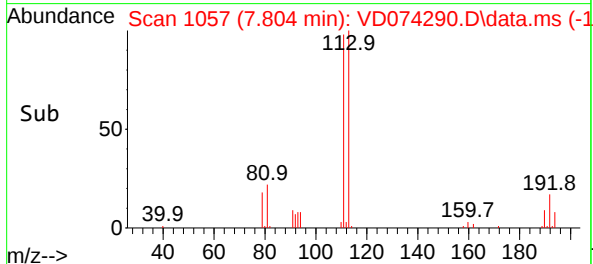
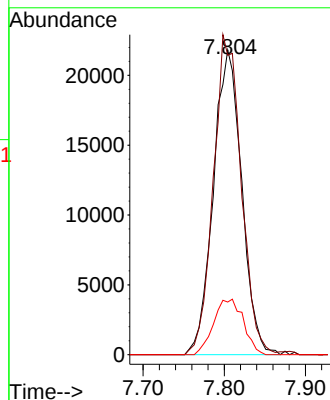
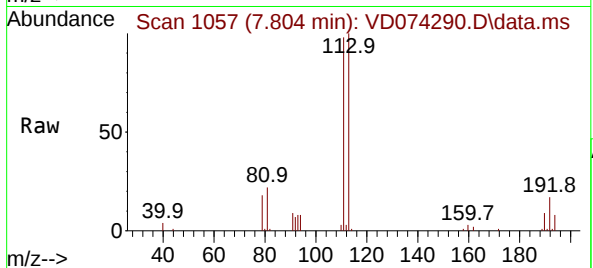
Tgt Ion:113 Resp: 53003

Ion Ratio Lower Upper

113 100

111 102.7 83.0 124.6

192 19.1 16.2 24.2



#50

Toluene-d8

Concen: 27.496 ug/l

RT: 10.263 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VD074290.D

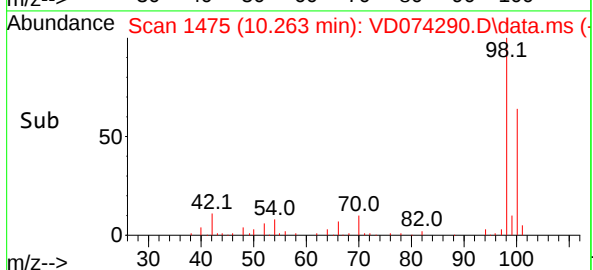
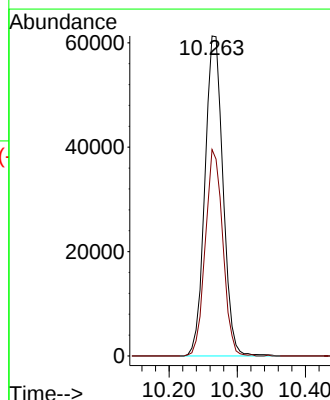
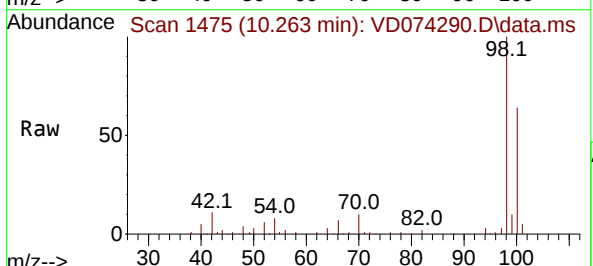
Acq: 14 Sep 2022 17:45

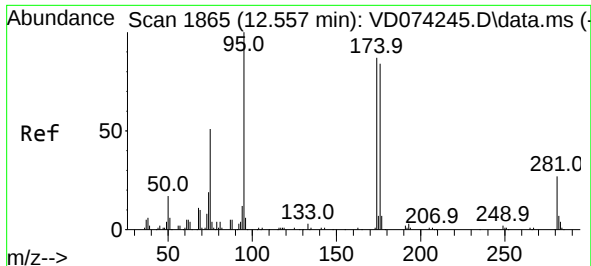
Tgt Ion: 98 Resp: 113089

Ion Ratio Lower Upper

98 100

100 62.2 51.8 77.8





#62

4-Bromofluorobenzene

Concen: 61.091 ug/l

RT: 12.563 min Scan# 1866

Delta R.T. 0.006 min

Lab File: VD074290.D

Acq: 14 Sep 2022 17:45

Instrument :

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ClientSampleId :

CHERRY-HILL-COMP-16

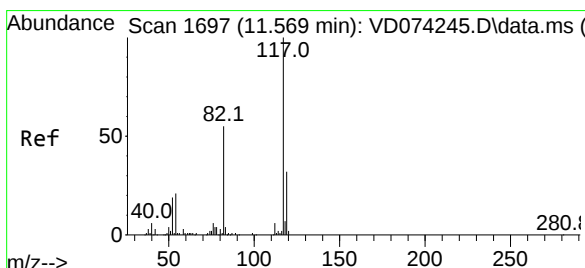
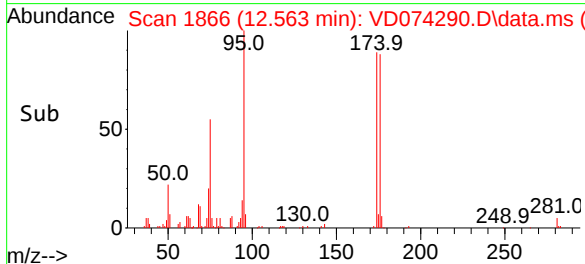
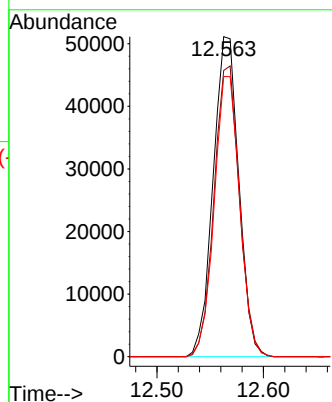
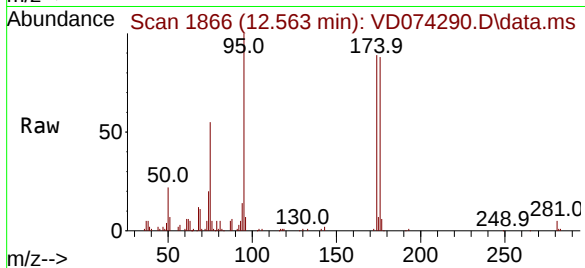
Tgt Ion: 95 Resp: 85546

Ion Ratio Lower Upper

95 100

174 89.4 0.0 179.2

176 86.7 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: VD074290.D

Acq: 14 Sep 2022 17:45

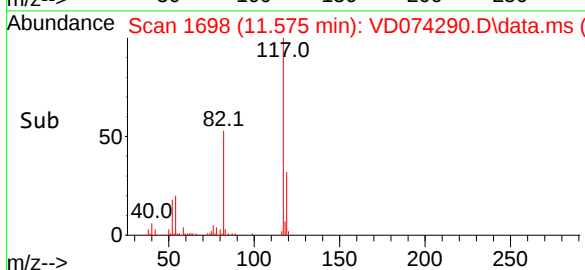
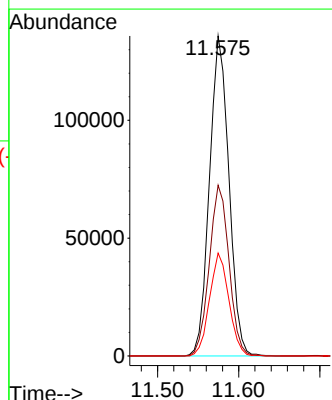
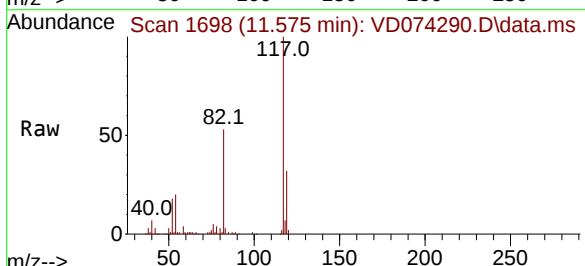
Tgt Ion: 117 Resp: 225861

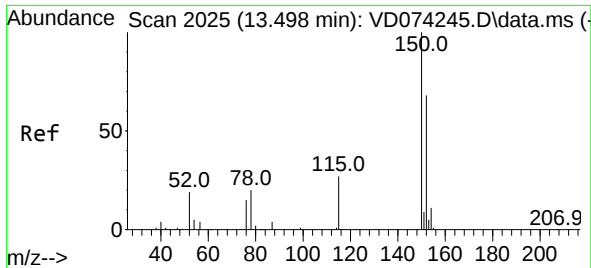
Ion Ratio Lower Upper

117 100

82 53.4 44.2 66.2

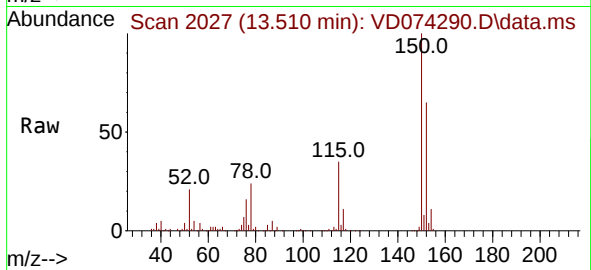
119 32.1 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.510 min Scan# 20
 Delta R.T. 0.011 min
 Lab File: VD074290.D
 Acq: 14 Sep 2022 17:45

Instrument :
 MSVOA_D
 ClientSampleId :
 CHERRY-HILL-COMP-16



Tgt Ion:152 Resp: 145311
 Ion Ratio Lower Upper
 152 100
 115 56.3 28.4 85.2
 150 156.4 0.0 351.0

