

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091522\
 Data File : VD074309.D
 Acq On : 15 Sep 2022 15:36
 Operator : VA/SY
 Sample : N4579-23
 Misc : 3.19G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Sep 15 16:25:36 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)

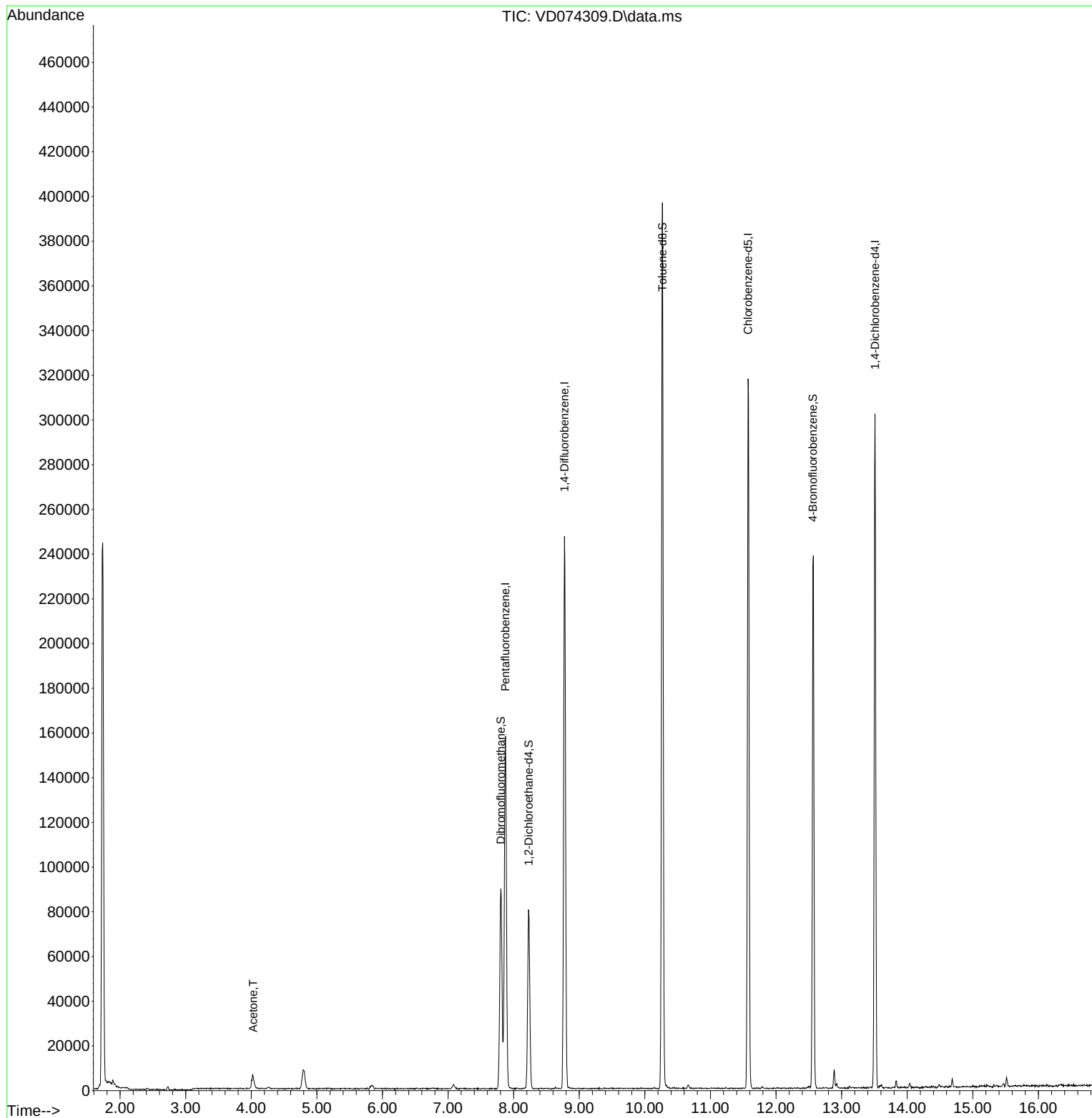
Internal Standards						
1) Pentafluorobenzene	7.875	168	121534	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	218471	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	186894	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	81300	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	63664	51.381	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.760%	
35) Dibromofluoromethane	7.805	113	65915	44.738	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 89.480%	
50) Toluene-d8	10.269	98	272080	50.805	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.600%	
62) 4-Bromofluorobenzene	12.563	95	74624	38.275	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 76.560%	
Target Compounds						Qvalue
16) Acetone	4.028	43	10302	40.281	ug/l	89

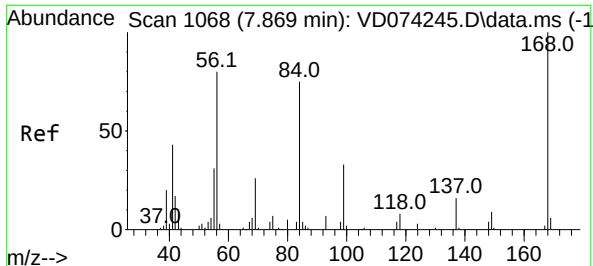
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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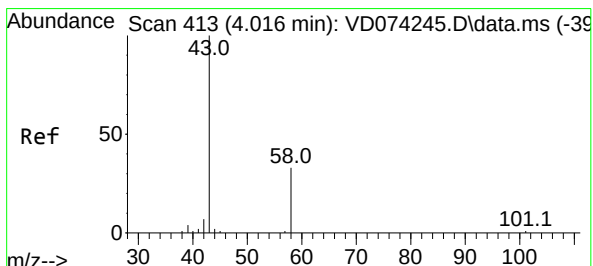
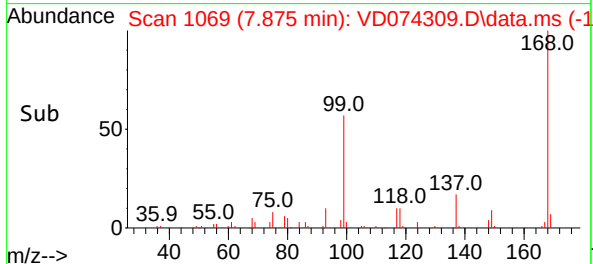
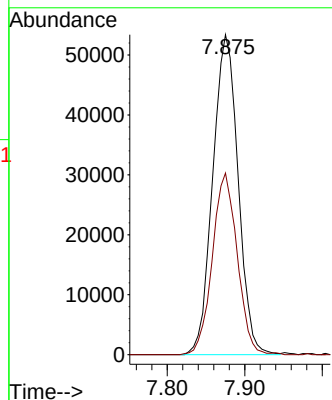
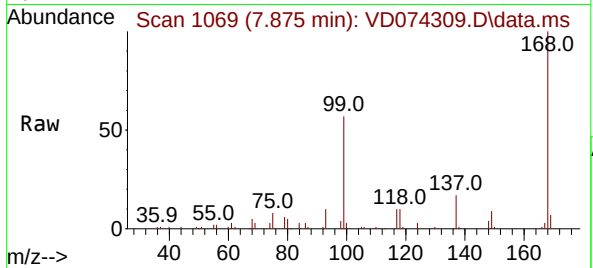




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VD074309.D
Acq: 15 Sep 2022 15:36

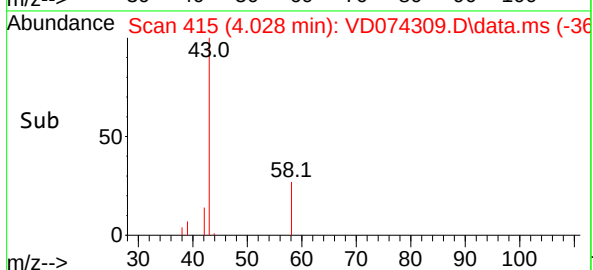
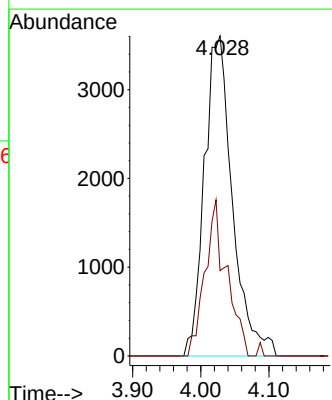
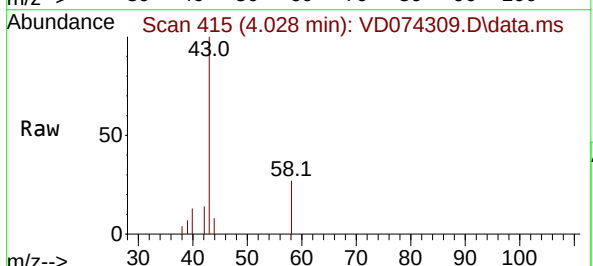
Instrument :
MSVOA_D
ClientSampleId :
CHERRY-HILL-COMP-16

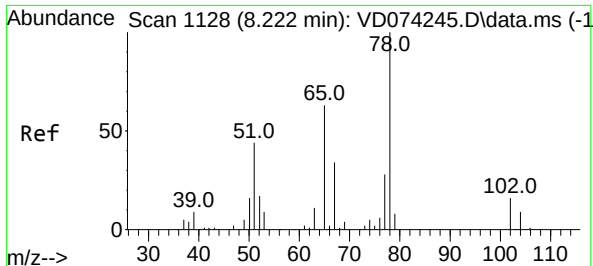
Tgt Ion:168 Resp: 121534
Ion Ratio Lower Upper
168 100
99 56.8 43.0 64.6



#16
Acetone
Concen: 40.281 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.012 min
Lab File: VD074309.D
Acq: 15 Sep 2022 15:36

Tgt Ion: 43 Resp: 10302
Ion Ratio Lower Upper
43 100
58 26.6 26.4 39.6





#33

1,2-Dichloroethane-d4

Concen: 51.381 ug/l

RT: 8.228 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VD074309.D

Acq: 15 Sep 2022 15:36

Instrument :

MSVOA_D

ClientSampleId :

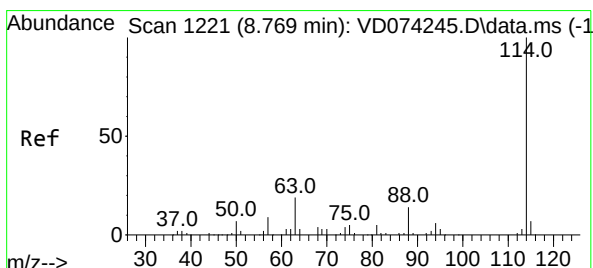
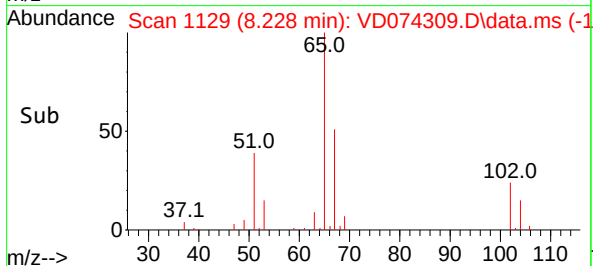
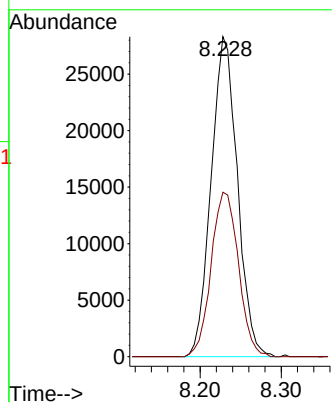
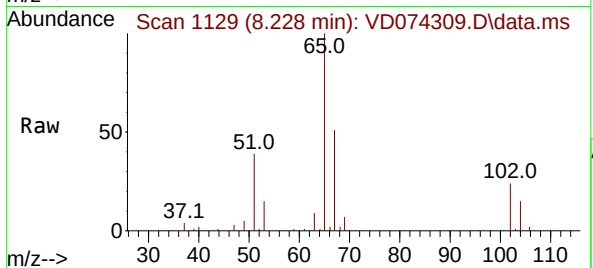
CHERRY-HILL-COMP-16

Tgt Ion: 65 Resp: 63664

Ion Ratio Lower Upper

65 100

67 53.4 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: VD074309.D

Acq: 15 Sep 2022 15:36

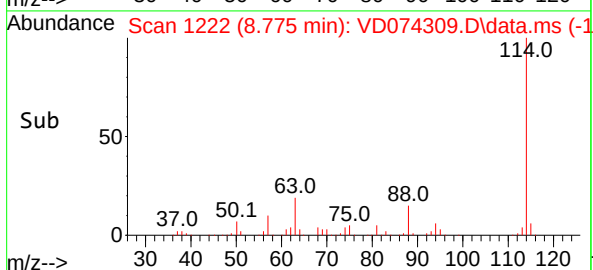
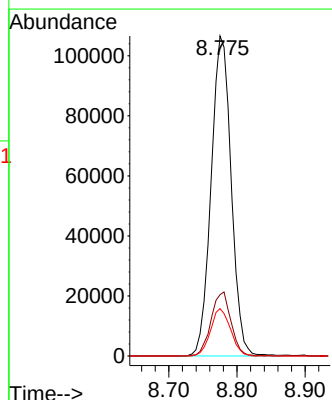
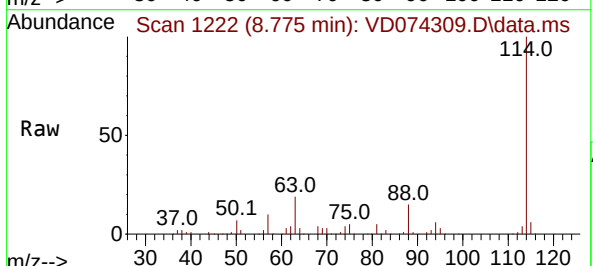
Tgt Ion: 114 Resp: 218471

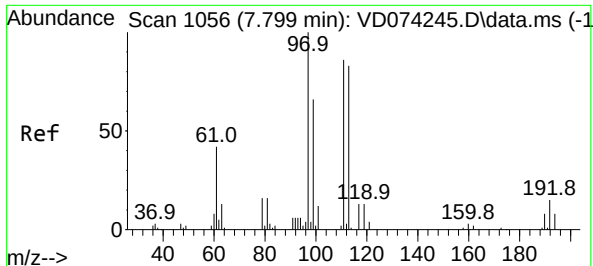
Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.6

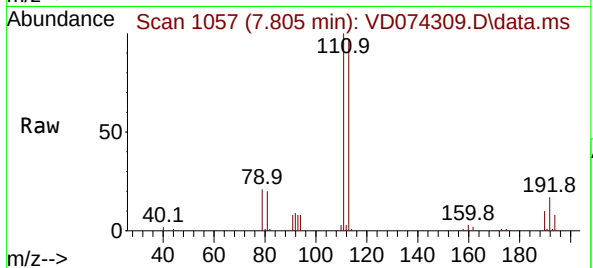
88 14.8 0.0 28.4





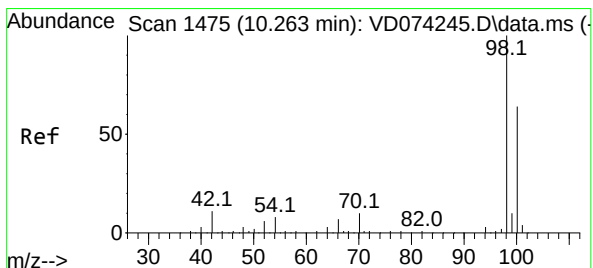
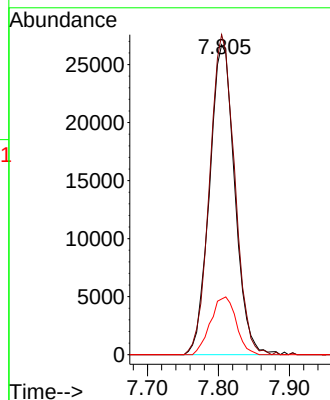
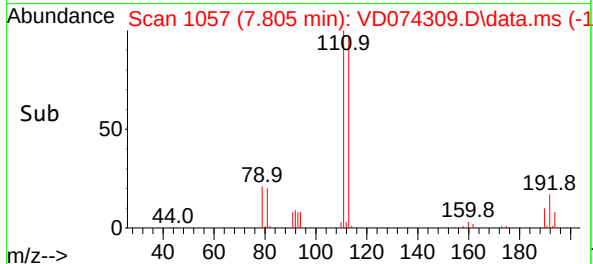
#35
 Dibromofluoromethane
 Concen: 44.738 ug/l
 RT: 7.805 min Scan# 1057
 Delta R.T. 0.006 min
 Lab File: VD074309.D
 Acq: 15 Sep 2022 15:36

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



Tgt Ion:113 Resp: 65915

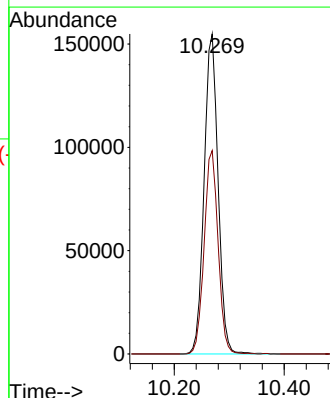
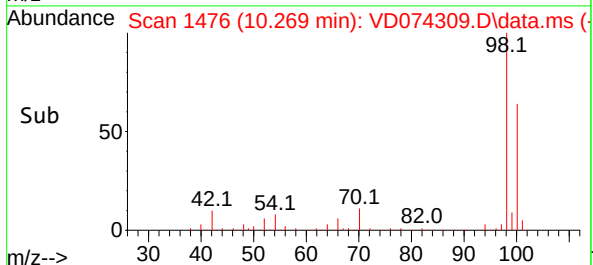
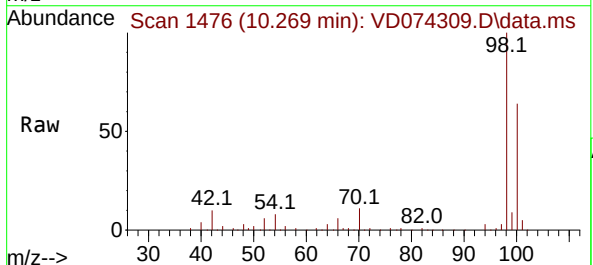
Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.0	124.6
192	18.9	16.2	24.2

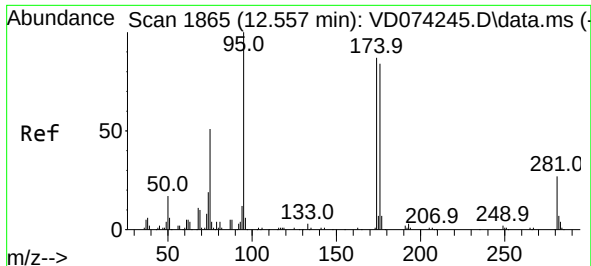


#50
 Toluene-d8
 Concen: 50.805 ug/l
 RT: 10.269 min Scan# 1476
 Delta R.T. 0.006 min
 Lab File: VD074309.D
 Acq: 15 Sep 2022 15:36

Tgt Ion: 98 Resp: 272080

Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.8	77.8

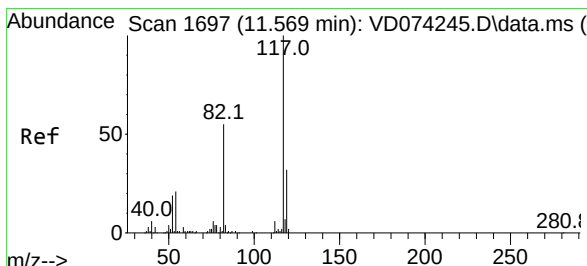
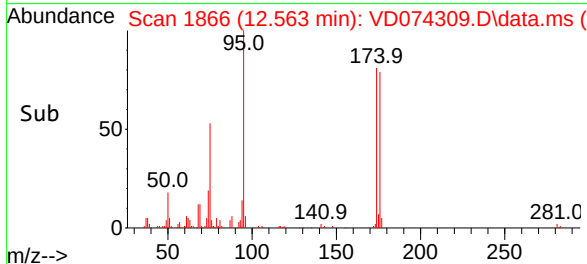
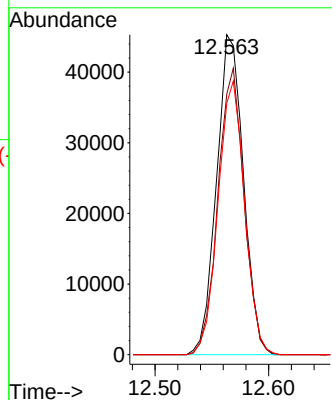
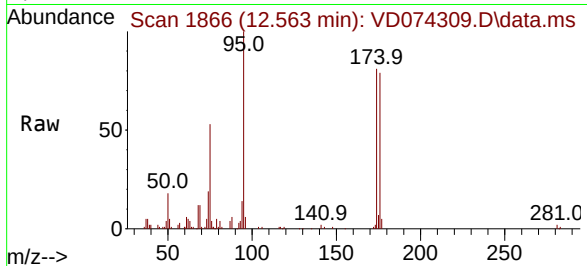




#62
4-Bromofluorobenzene
Concen: 38.275 ug/l
RT: 12.563 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074309.D
Acq: 15 Sep 2022 15:36

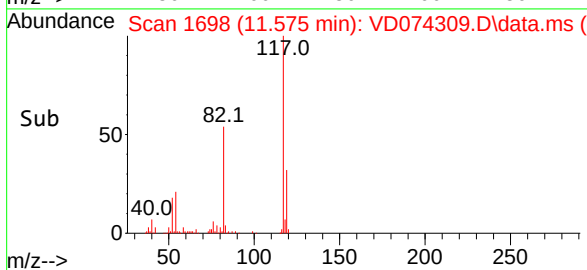
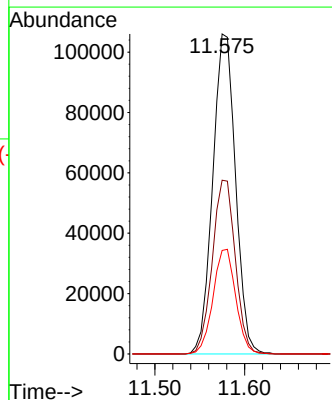
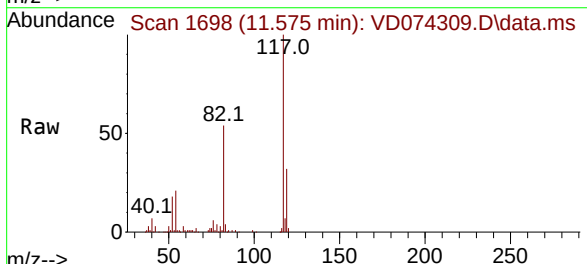
Instrument :
MSVOA_D
ClientSampleId :
CHERRY-HILL-COMP-16

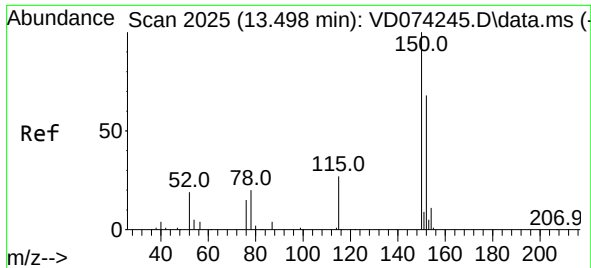
Tgt Ion: 95 Resp: 74624
Ion Ratio Lower Upper
95 100
174 86.7 0.0 179.2
176 84.2 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VD074309.D
Acq: 15 Sep 2022 15:36

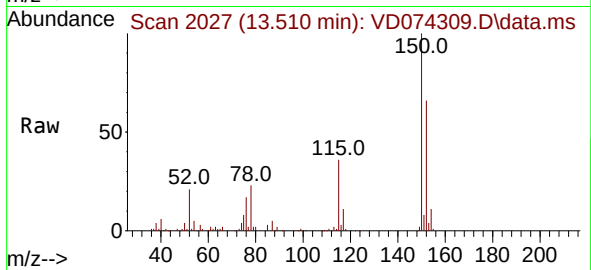
Tgt Ion: 117 Resp: 186894
Ion Ratio Lower Upper
117 100
82 54.3 44.2 66.2
119 32.3 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.510 min Scan# 20
 Delta R.T. 0.012 min
 Lab File: VD074309.D
 Acq: 15 Sep 2022 15:36

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



Tgt Ion:152 Resp: 81300
 Ion Ratio Lower Upper
 152 100
 115 56.5 28.4 85.2
 150 157.6 0.0 351.0

