

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091422\
 Data File : VD074284.D
 Acq On : 14 Sep 2022 14:54
 Operator : VA/SY
 Sample : N4579-03
 Misc : 2.37G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Sep 15 04:14:15 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)

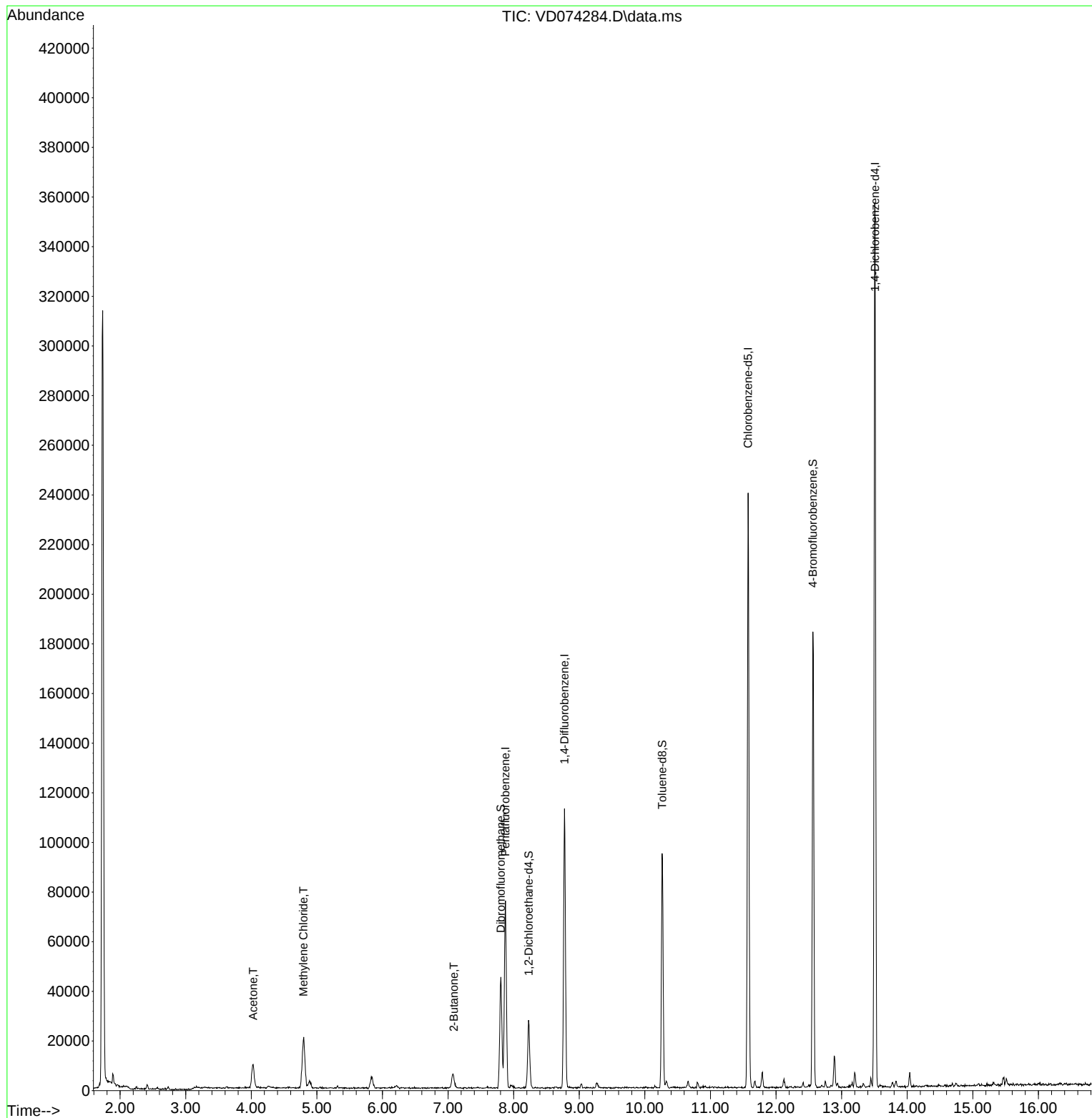
Internal Standards						
1) Pentafluorobenzene	7.875	168	55590	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	98817	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	135599	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	98508	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	20088	35.444	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	70.880%
35) Dibromofluoromethane	7.804	113	31243	47.051	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.100%
50) Toluene-d8	10.263	98	67573	27.896	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	55.800%
62) 4-Bromofluorobenzene	12.563	95	56385	69.326	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	138.660%
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	17202	147.047	ug/l	99
20) Methylene Chloride	4.793	84	15083	17.186	ug/l	93
25) 2-Butanone	7.087	43	2644	13.552	ug/l	92

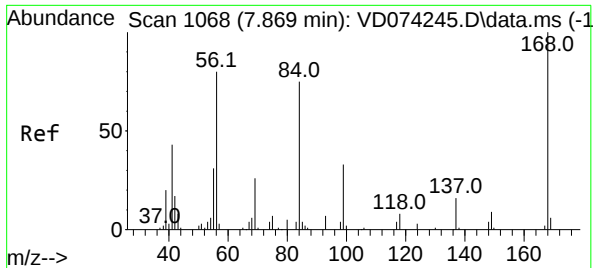
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091422\
Data File : VD074284.D
Acq On : 14 Sep 2022 14:54
Operator : VA/SY
Sample : N4579-03
Misc : 2.37G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Sep 15 04:14:15 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

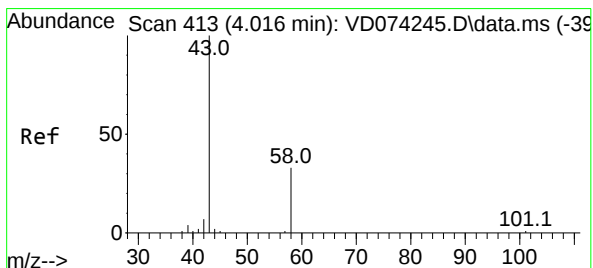
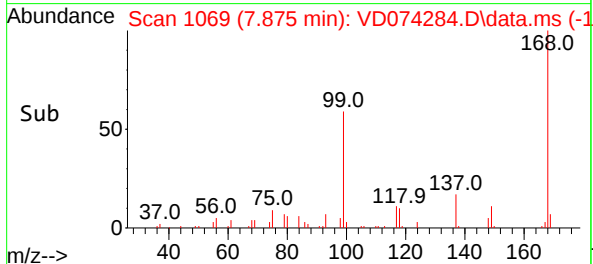
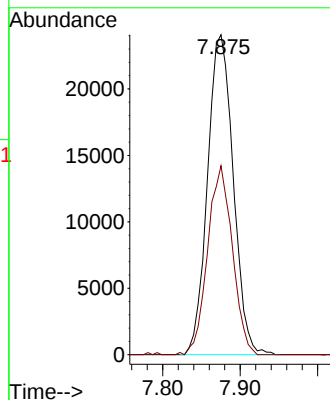
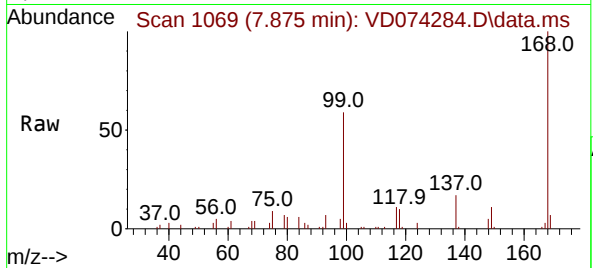




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VD074284.D
Acq: 14 Sep 2022 14:54

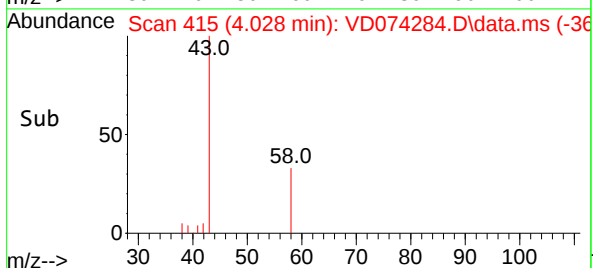
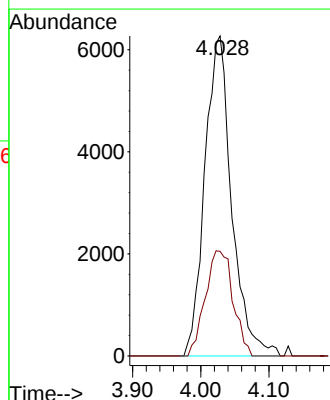
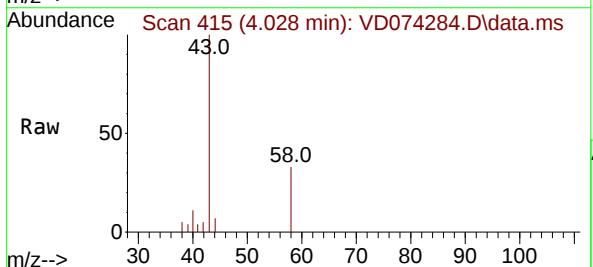
Instrument :
MSVOA_D
ClientSampleId :
CHERRY-HILL-COMP-11

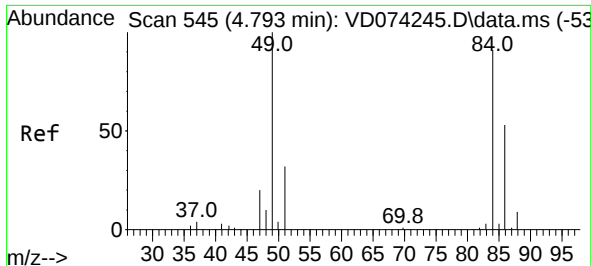
Tgt Ion:168 Resp: 55590
Ion Ratio Lower Upper
168 100
99 59.0 43.0 64.6



#16
Acetone
Concen: 147.047 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.012 min
Lab File: VD074284.D
Acq: 14 Sep 2022 14:54

Tgt Ion: 43 Resp: 17202
Ion Ratio Lower Upper
43 100
58 32.7 26.4 39.6





#20

Methylene Chloride

Concen: 17.186 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.000 min

Lab File: VD074284.D

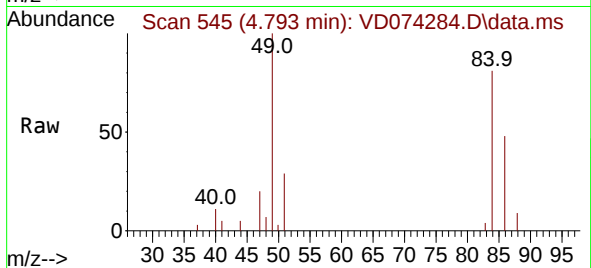
Acq: 14 Sep 2022 14:54

Instrument :

MSVOA_D

ClientSampleId :

CHERRY-HILL-COMP-11



Tgt Ion: 84 Resp: 15083

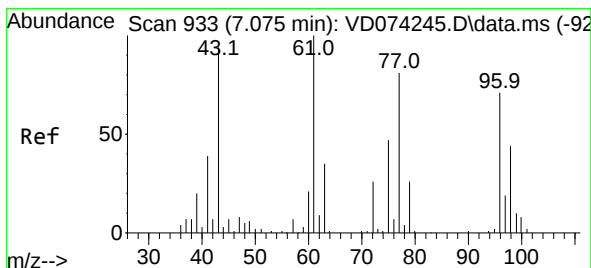
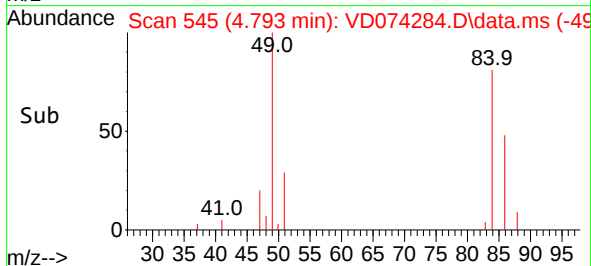
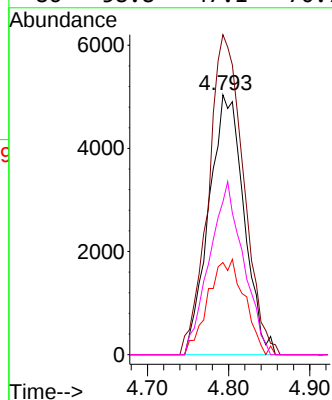
Ion Ratio Lower Upper

84 100

49 123.1 88.4 132.6

51 35.5 28.0 42.0

86 58.8 47.1 70.7



#25

2-Butanone

Concen: 13.552 ug/l

RT: 7.087 min Scan# 935

Delta R.T. 0.012 min

Lab File: VD074284.D

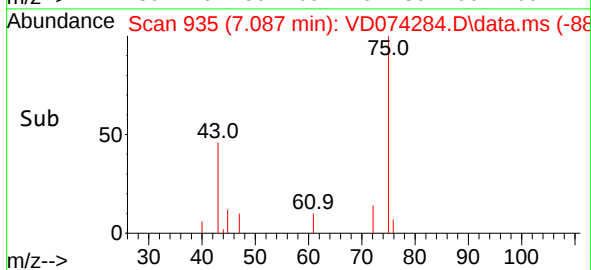
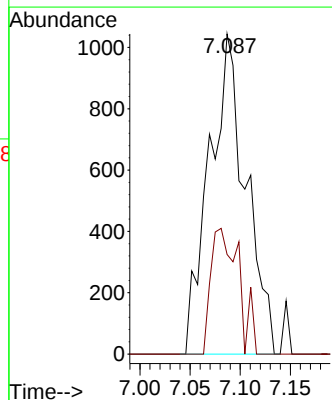
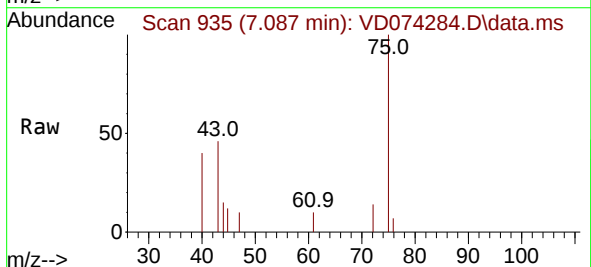
Acq: 14 Sep 2022 14:54

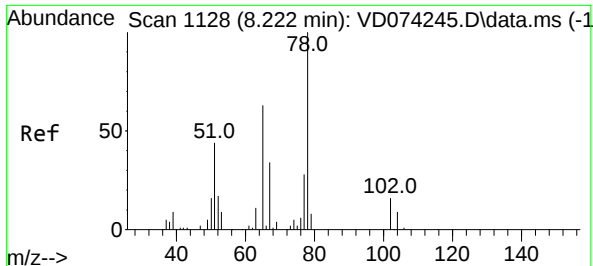
Tgt Ion: 43 Resp: 2644

Ion Ratio Lower Upper

43 100

72 31.1 21.8 32.6





#33

1,2-Dichloroethane-d4

Concen: 35.444 ug/l

RT: 8.228 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VD074284.D

Acq: 14 Sep 2022 14:54

Instrument :

MSVOA_D

ClientSampleId :

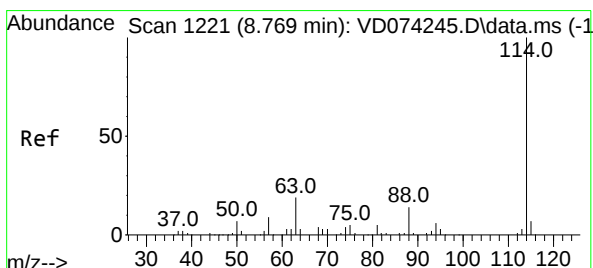
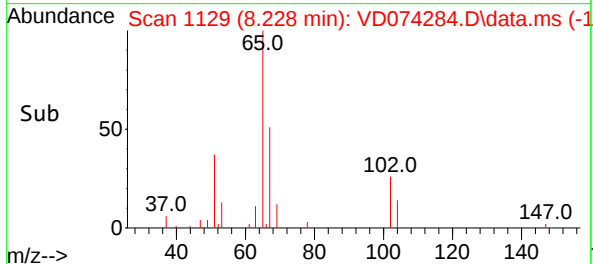
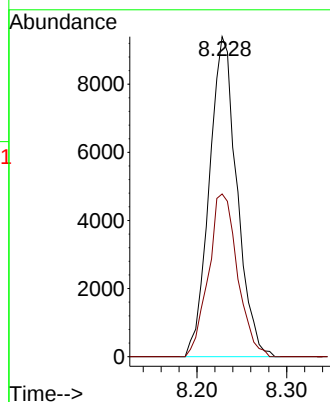
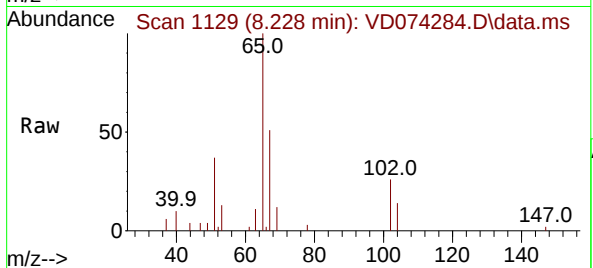
CHERRY-HILL-COMP-11

Tgt Ion: 65 Resp: 20088

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: VD074284.D

Acq: 14 Sep 2022 14:54

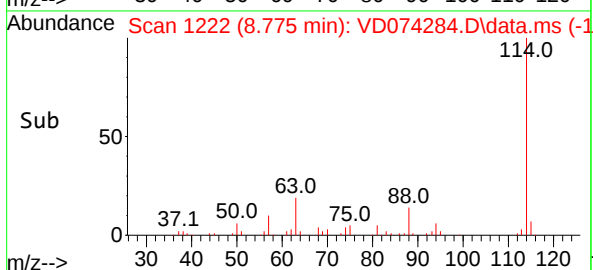
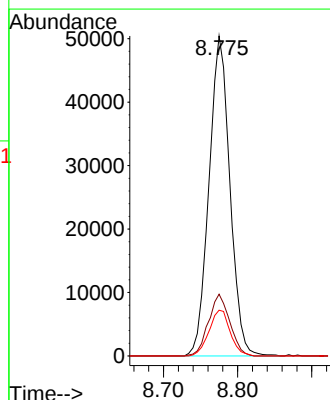
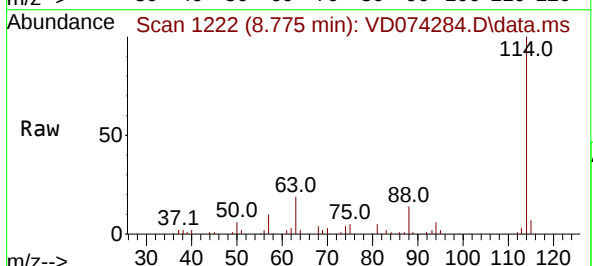
Tgt Ion: 114 Resp: 98817

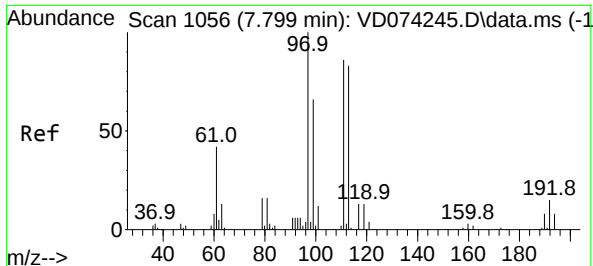
Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.6

88 14.3 0.0 28.4





#35

Dibromofluoromethane

Concen: 47.051 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.005 min

Lab File: VD074284.D

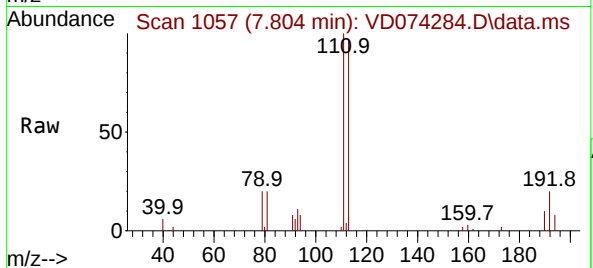
Acq: 14 Sep 2022 14:54

Instrument :

MSVOA_D

ClientSampleId :

CHERRY-HILL-COMP-11



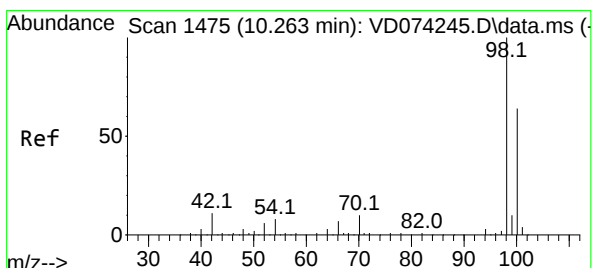
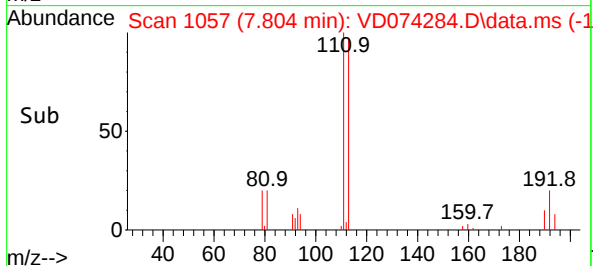
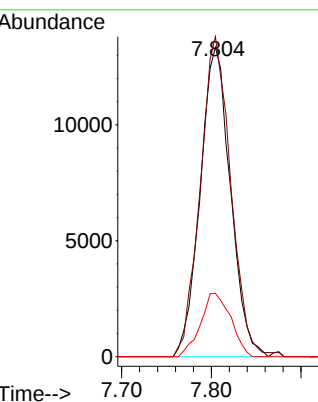
Tgt Ion:113 Resp: 31243

Ion Ratio Lower Upper

113 100

111 104.1 83.0 124.6

192 20.5 16.2 24.2



#50

Toluene-d8

Concen: 27.896 ug/l

RT: 10.263 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VD074284.D

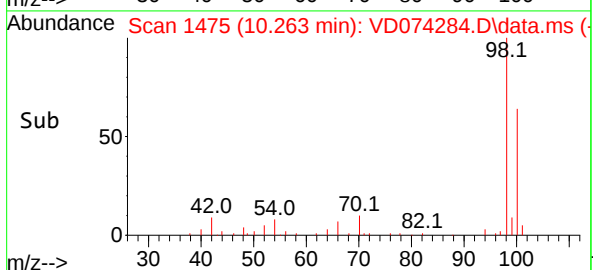
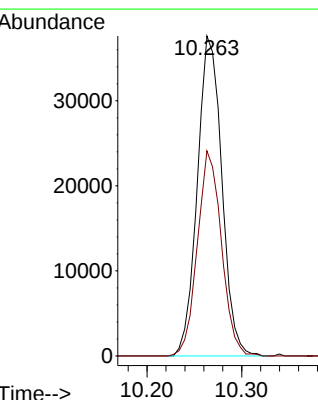
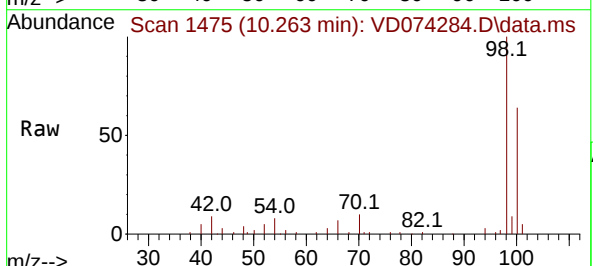
Acq: 14 Sep 2022 14:54

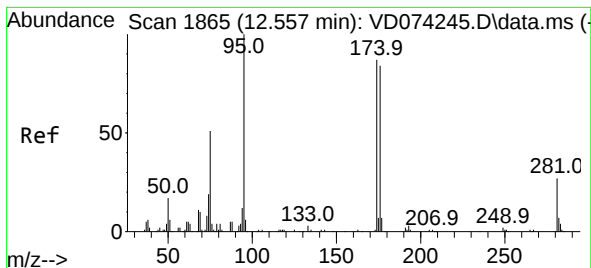
Tgt Ion: 98 Resp: 67573

Ion Ratio Lower Upper

98 100

100 63.0 51.8 77.8

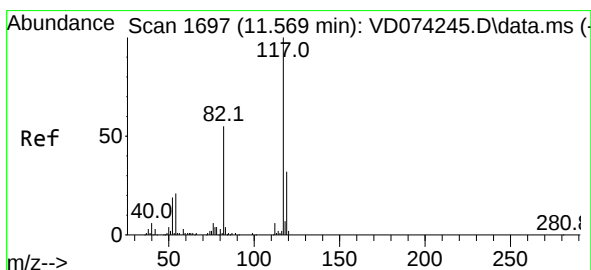
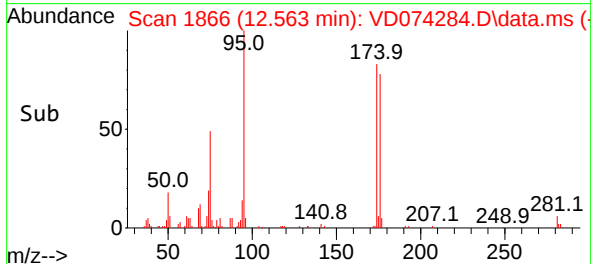
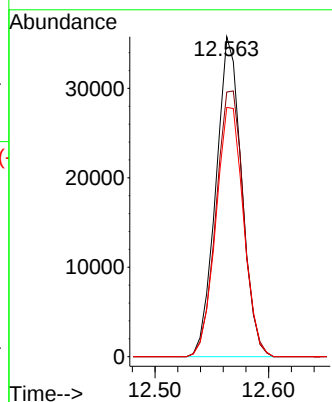
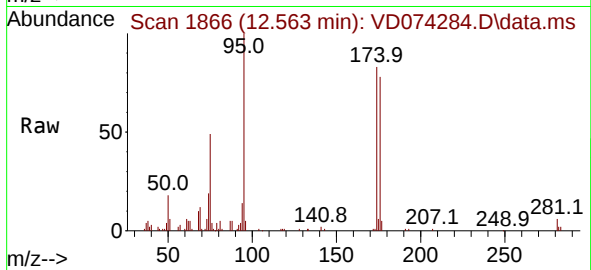




#62
4-Bromofluorobenzene
Concen: 69.326 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VD074284.D
Acq: 14 Sep 2022 14:54

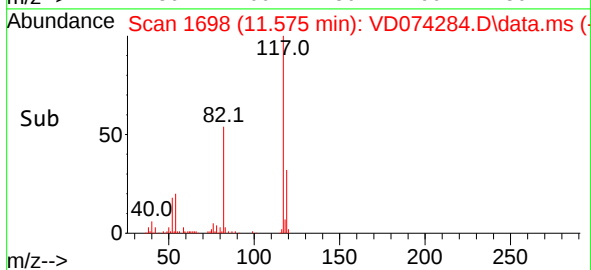
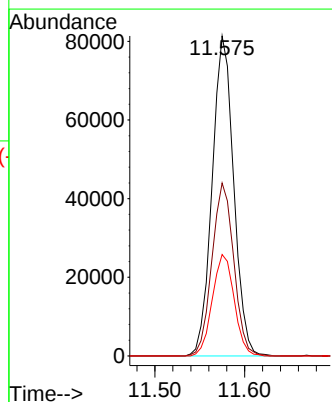
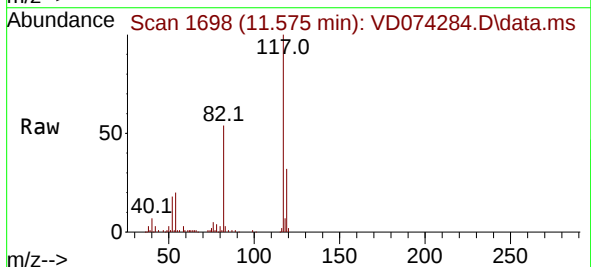
Instrument :
MSVOA_D
ClientSampleId :
CHERRY-HILL-COMP-11

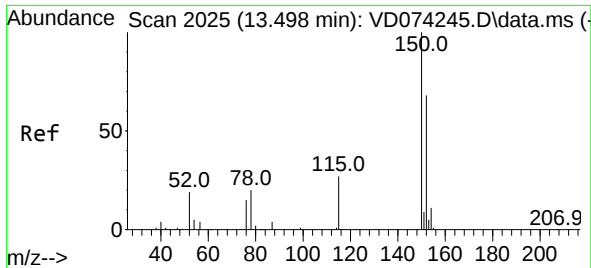
Tgt Ion: 95 Resp: 56385
Ion Ratio Lower Upper
95 100
174 88.9 0.0 179.2
176 83.8 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VD074284.D
Acq: 14 Sep 2022 14:54

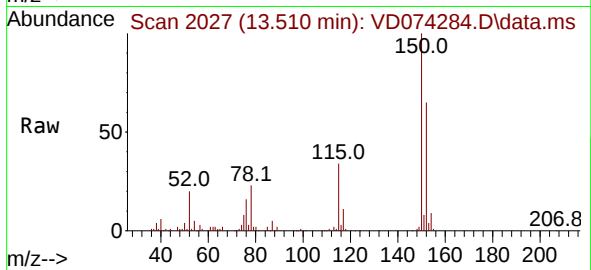
Tgt Ion: 117 Resp: 135599
Ion Ratio Lower Upper
117 100
82 54.0 44.2 66.2
119 31.7 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.510 min Scan# 20
 Delta R.T. 0.012 min
 Lab File: VD074284.D
 Acq: 14 Sep 2022 14:54

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



Tgt Ion:152 Resp: 98508
 Ion Ratio Lower Upper
 152 100
 115 56.8 28.4 85.2
 150 155.5 0.0 351.0

