

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091422\
 Data File : VY010485.D
 Acq On : 14 Sep 2022 15:37
 Operator : KP/MD
 Sample : N4578-11
 Misc : 4.45g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHERRY-HILL-COMP-3

Quant Time: Sep 15 01:10:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

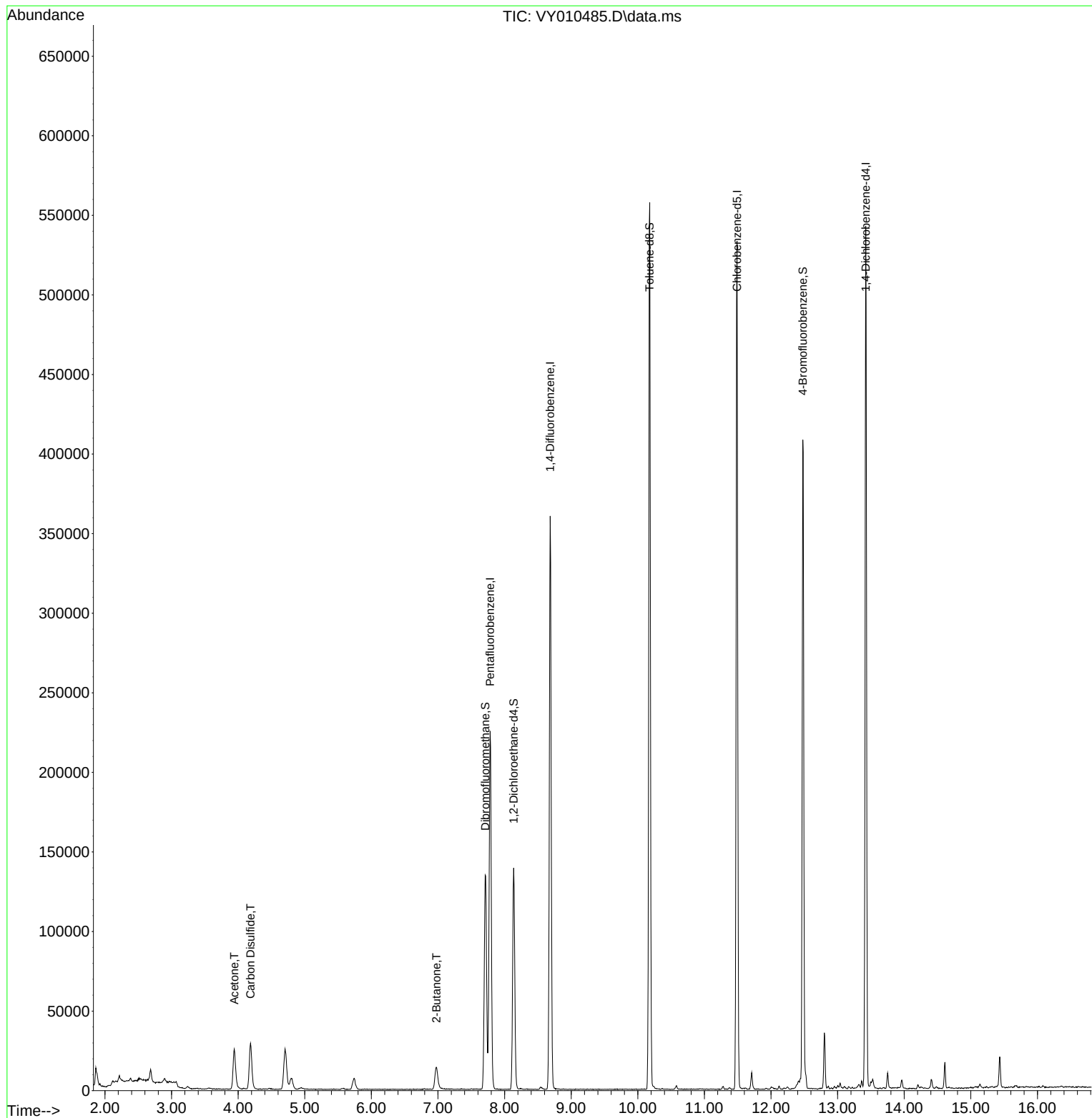
Internal Standards						
1) Pentafluorobenzene	7.783	168	177586	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	307850	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	293998	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	139298	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	107966	60.364	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 120.720%		
35) Dibromofluoromethane	7.709	113	97696	44.684	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 89.360%		
50) Toluene-d8	10.179	98	370975	52.354	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 104.700%		
62) 4-Bromofluorobenzene	12.477	95	128666	45.222	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 90.440%		
Target Compounds						
						Qvalue
16) Acetone	3.942	43	43636	106.310	ug/l	90
17) Carbon Disulfide	4.186	76	57319	12.377	ug/l	97
25) 2-Butanone	6.978	43	5659	8.675	ug/l	94

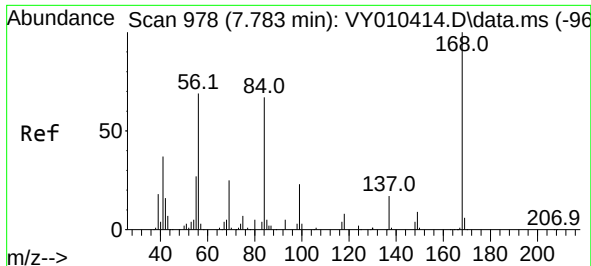
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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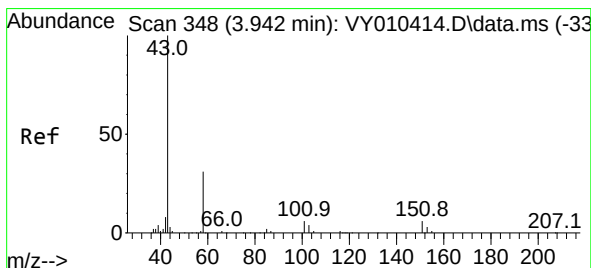
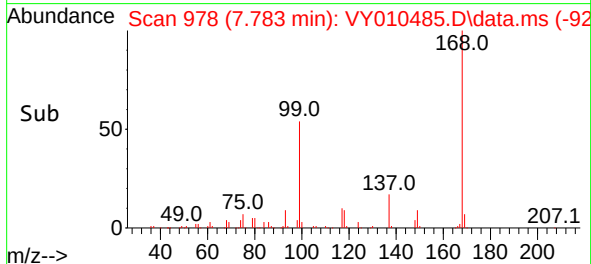
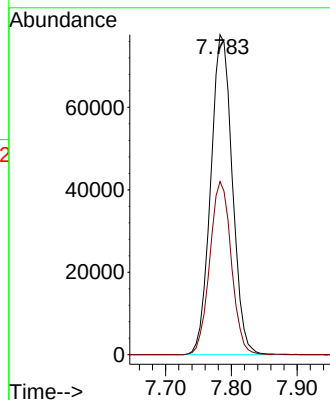
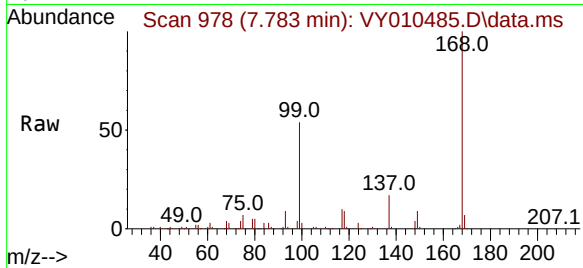




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010485.D
Acq: 14 Sep 2022 15:37

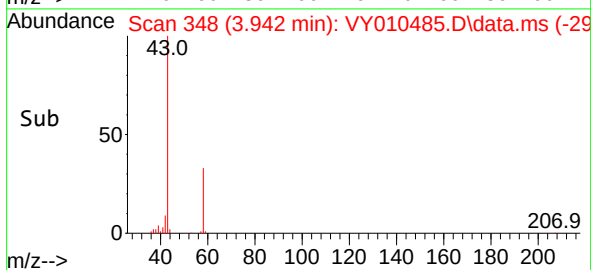
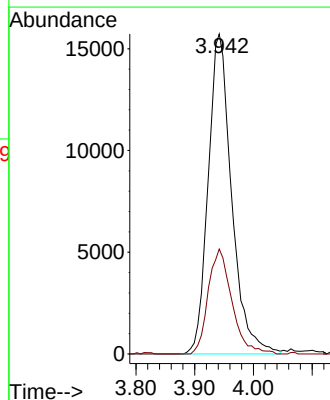
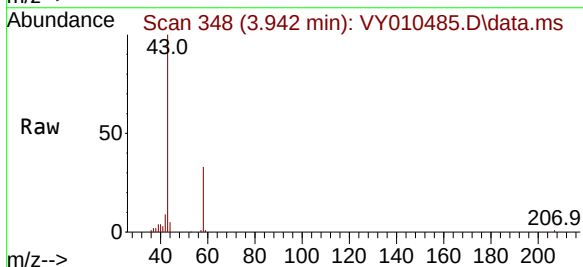
Instrument :
MSVOA_Y
ClientSampleId :
CHERRY-HILL-COMP-3

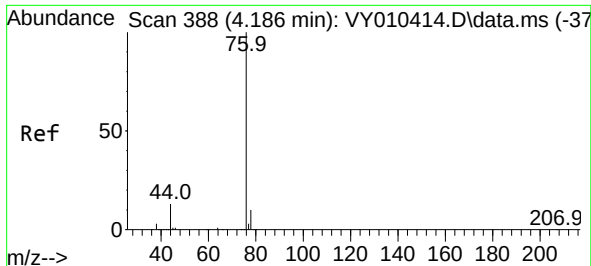
Tgt Ion:168 Resp: 177586
Ion Ratio Lower Upper
168 100
99 54.1 46.9 70.3



#16
Acetone
Concen: 106.310 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY010485.D
Acq: 14 Sep 2022 15:37

Tgt Ion: 43 Resp: 43636
Ion Ratio Lower Upper
43 100
58 32.8 22.0 33.0

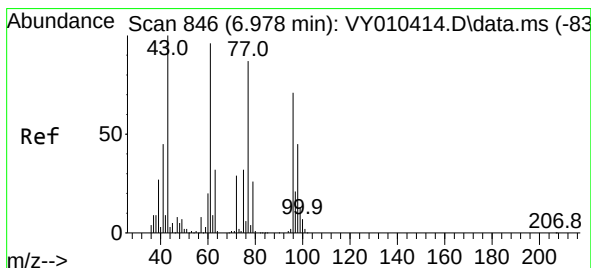
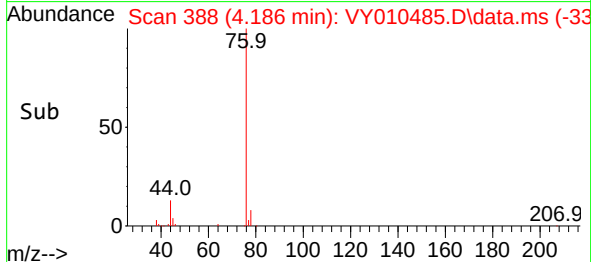
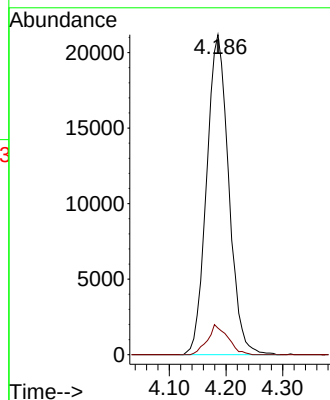
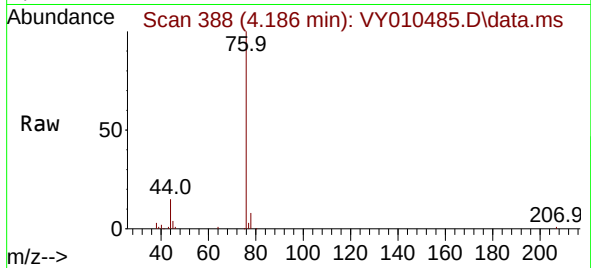




#17
Carbon Disulfide
Concen: 12.377 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY010485.D
Acq: 14 Sep 2022 15:37

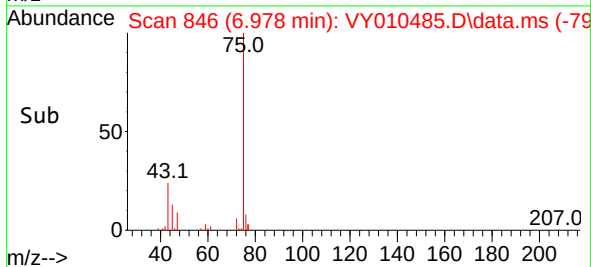
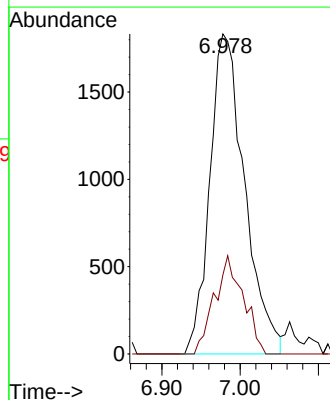
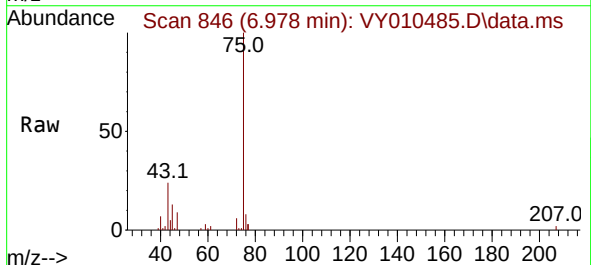
Instrument :
MSVOA_Y
ClientSampleId :
CHERRY-HILL-COMP-3

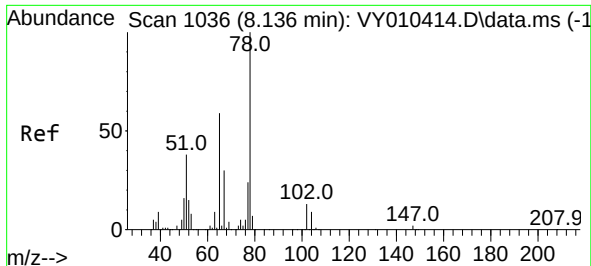
Tgt Ion: 76 Resp: 57319
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.0



#25
2-Butanone
Concen: 8.675 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY010485.D
Acq: 14 Sep 2022 15:37

Tgt Ion: 43 Resp: 5659
Ion Ratio Lower Upper
43 100
72 24.8 17.7 26.5

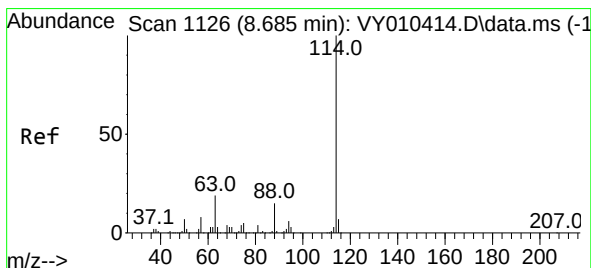
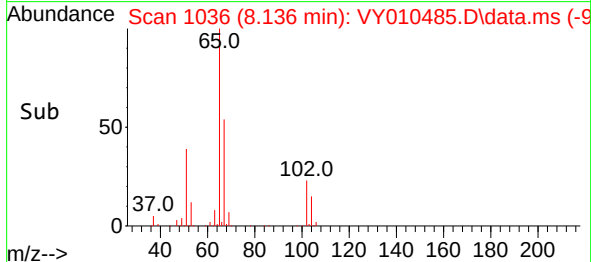
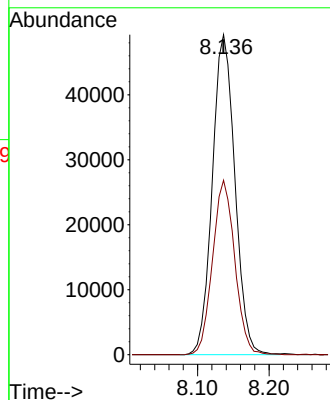
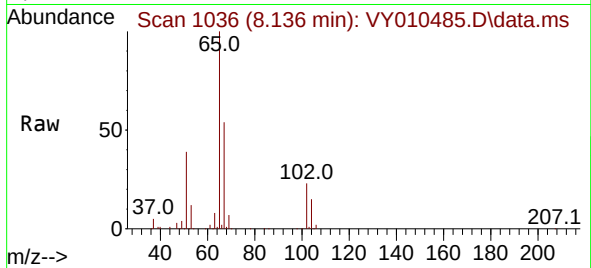




#33
 1,2-Dichloroethane-d4
 Concen: 60.364 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY010485.D
 Acq: 14 Sep 2022 15:37

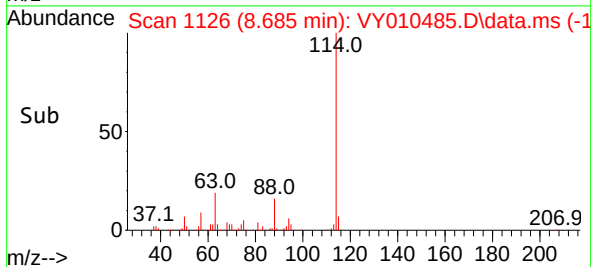
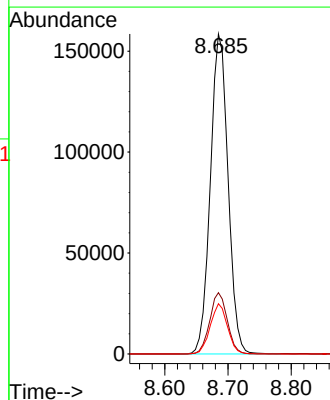
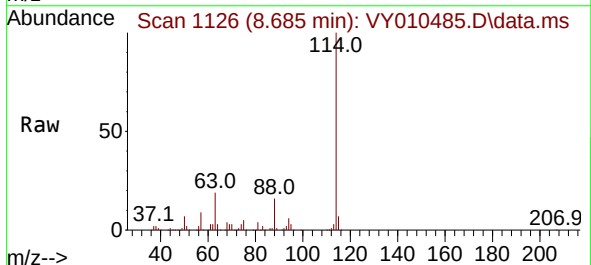
Instrument :
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 ClientSampleId :
 CHERRY-HILL-COMP-3

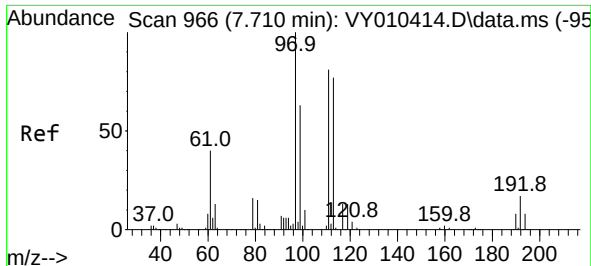
Tgt Ion: 65 Resp: 107966
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VY010485.D
 Acq: 14 Sep 2022 15:37

Tgt Ion: 114 Resp: 307850
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 43.2
 88 15.7 0.0 31.8

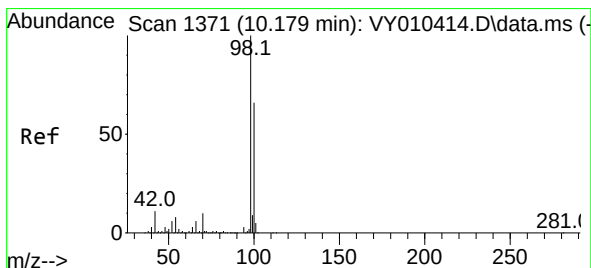
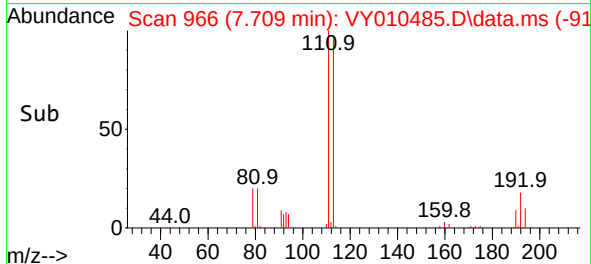
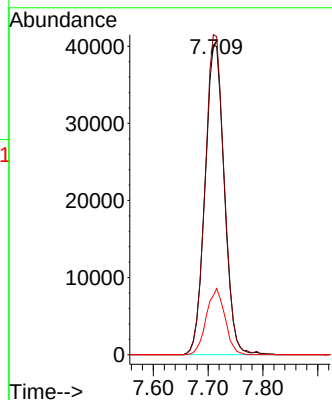
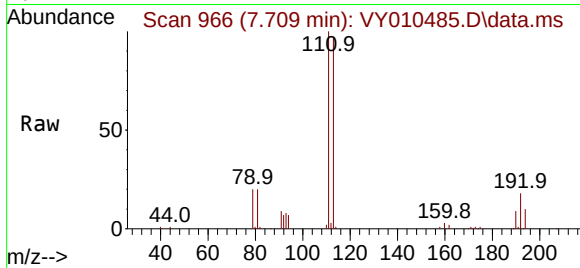




#35
Dibromofluoromethane
Concen: 44.684 ug/l
RT: 7.709 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY010485.D
Acq: 14 Sep 2022 15:37

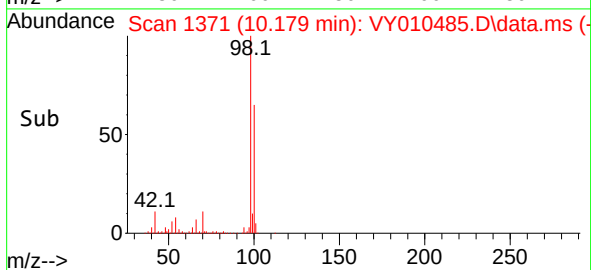
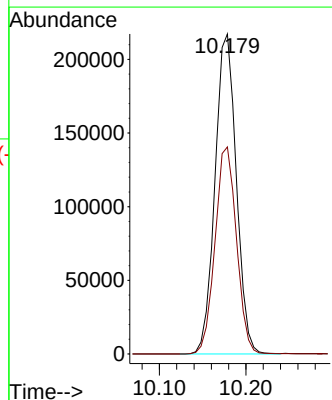
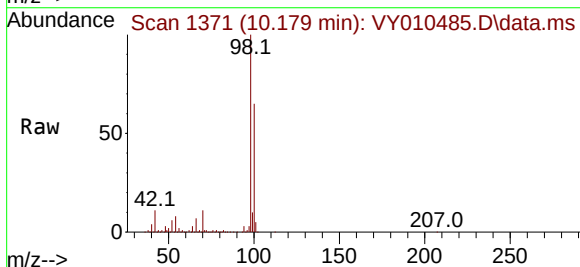
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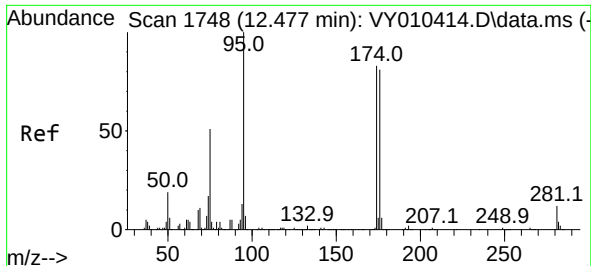
Tgt Ion:113 Resp: 97696
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 20.7 17.6 26.4



#50
Toluene-d8
Concen: 52.354 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010485.D
Acq: 14 Sep 2022 15:37

Tgt Ion: 98 Resp: 370975
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 45.222 ug/l

RT: 12.477 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010485.D

Acq: 14 Sep 2022 15:37

Instrument :

MSVOA_Y

ClientSampleId :

CHERRY-HILL-COMP-3

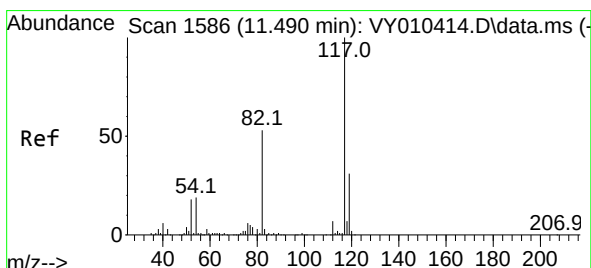
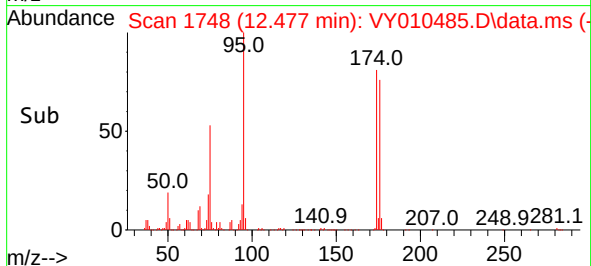
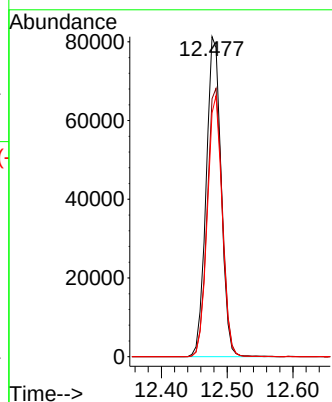
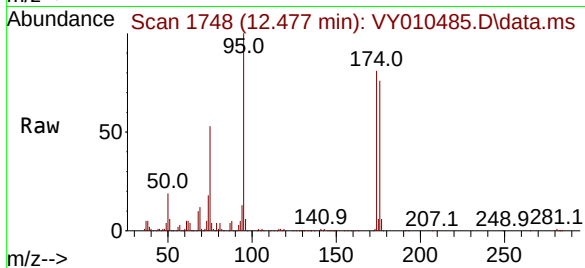
Tgt Ion: 95 Resp: 128666

Ion Ratio Lower Upper

95 100

174 85.1 0.0 177.0

176 81.1 0.0 175.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. -0.001 min

Lab File: VY010485.D

Acq: 14 Sep 2022 15:37

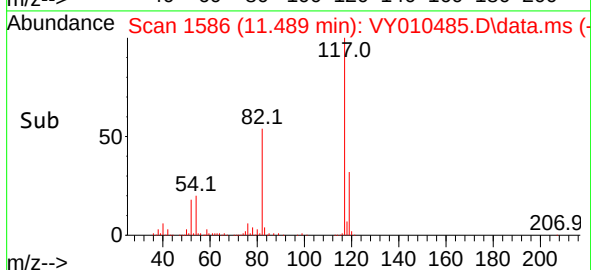
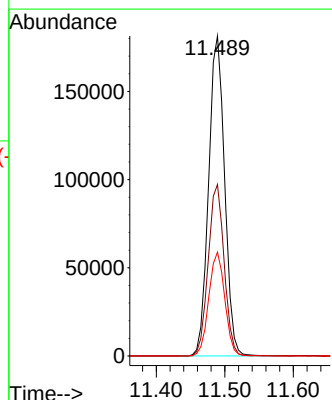
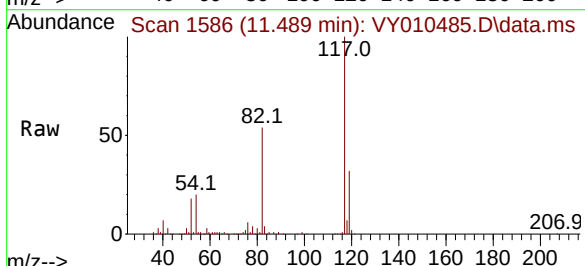
Tgt Ion: 117 Resp: 293998

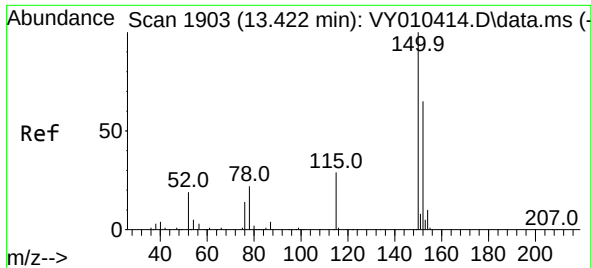
Ion Ratio Lower Upper

117 100

82 53.6 43.0 64.4

119 32.5 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY010485.D

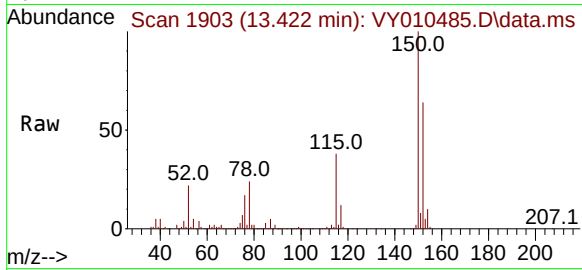
Acq: 14 Sep 2022 15:37

Instrument :

MSVOA_Y

ClientSampleId :

CHERRY-HILL-COMP-3



Tgt Ion:152 Resp: 139298

Ion Ratio Lower Upper

152 100

115 57.9 28.2 84.7

150 156.4 0.0 347.6

