

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091422\
 Data File : VY010487.D
 Acq On : 14 Sep 2022 16:23
 Operator : KP/MD
 Sample : N4578-19
 Misc : 3.62g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHERRY-HILL-COMP-5

Quant Time: Sep 15 01:10:44 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)

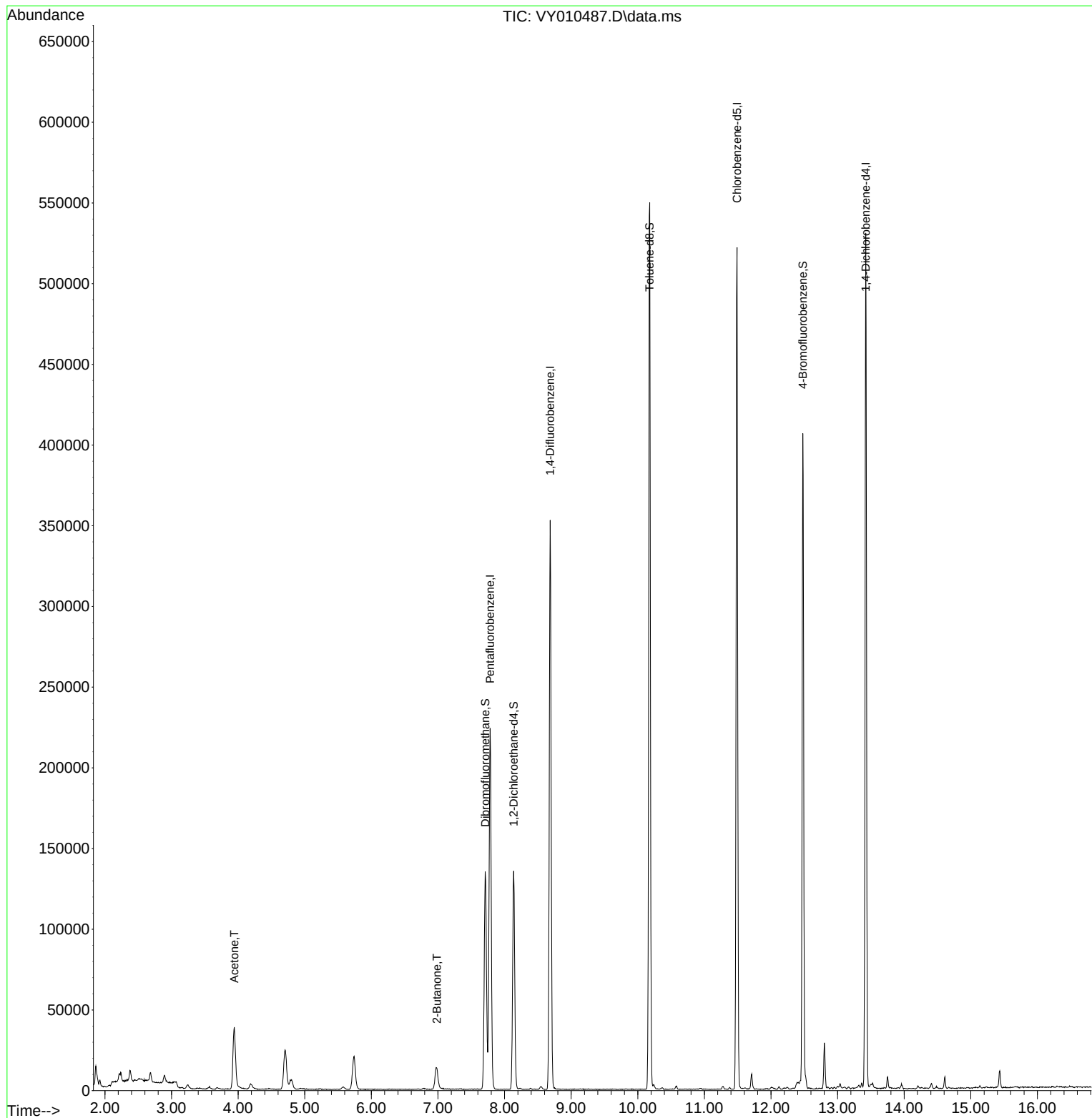
Internal Standards						
1) Pentafluorobenzene	7.783	168	173252	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	306377	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	290997	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	133174	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	104251	59.745	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.500%
35) Dibromofluoromethane	7.710	113	95706	43.984	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.960%
50) Toluene-d8	10.179	98	366246	51.935	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.880%
62) 4-Bromofluorobenzene	12.477	95	125396	44.139	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.280%
Target Compounds						
16) Acetone	3.942	43	68027	169.879	ug/l	90
25) 2-Butanone	6.984	43	11466	18.017	ug/l	92

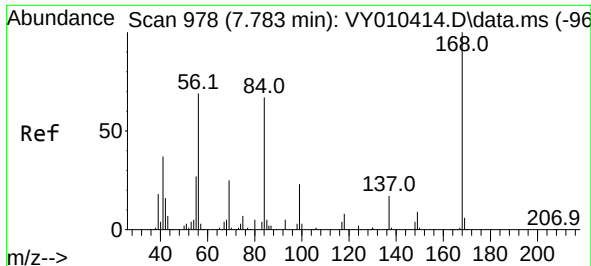
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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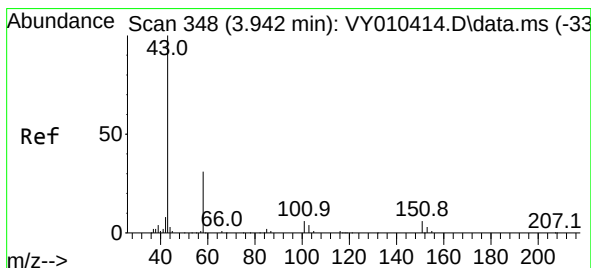
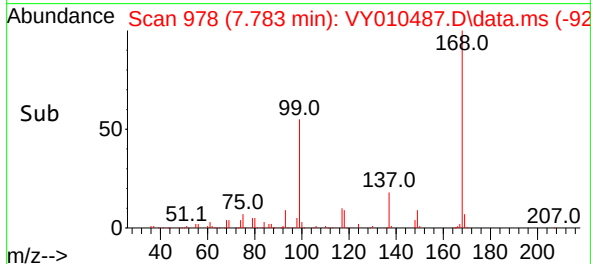
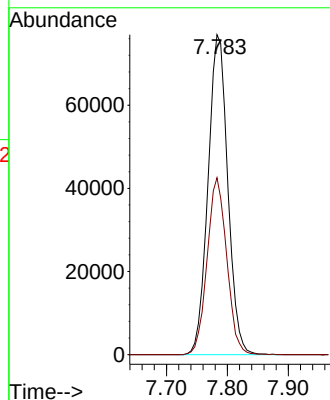
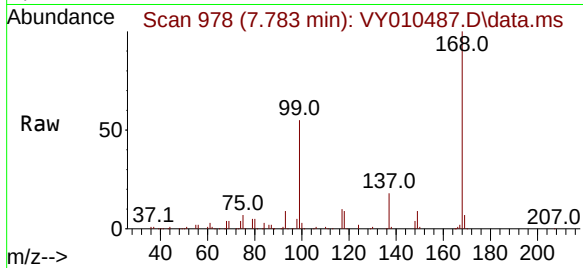




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010487.D
Acq: 14 Sep 2022 16:23

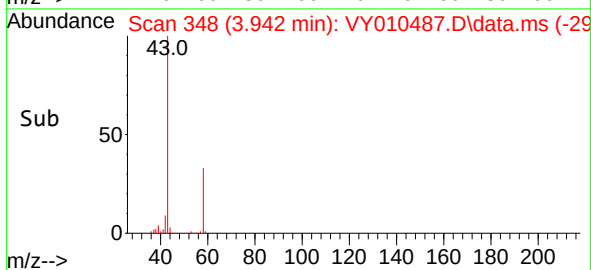
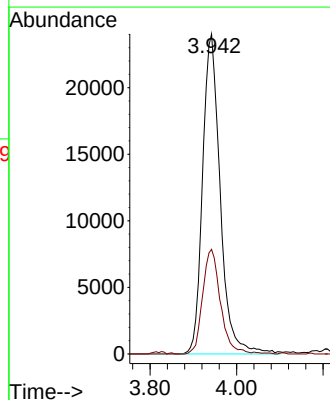
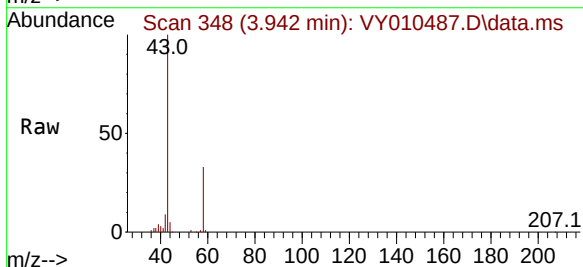
Instrument :
MSVOA_Y
ClientSampleId :
CHERRY-HILL-COMP-5

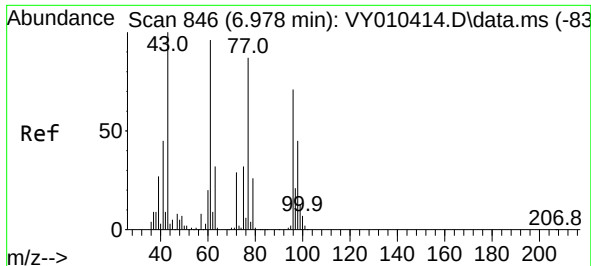
Tgt Ion:168 Resp: 173252
Ion Ratio Lower Upper
168 100
99 55.3 46.9 70.3



#16
Acetone
Concen: 169.879 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010487.D
Acq: 14 Sep 2022 16:23

Tgt Ion: 43 Resp: 68027
Ion Ratio Lower Upper
43 100
58 32.7 22.0 33.0

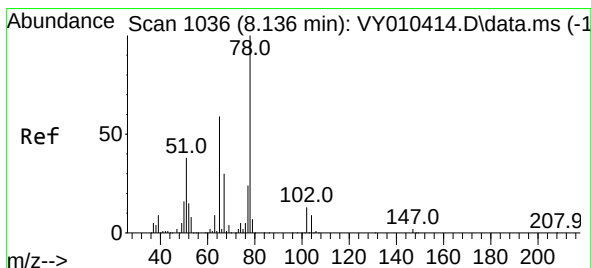
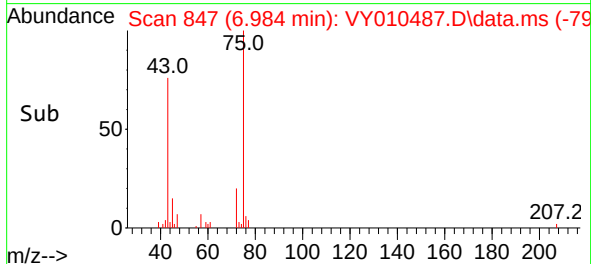
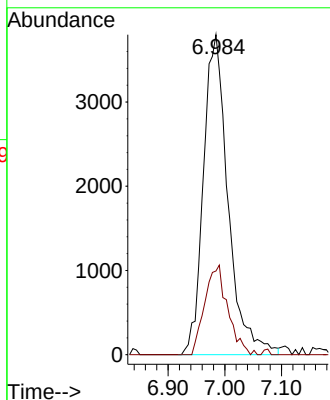
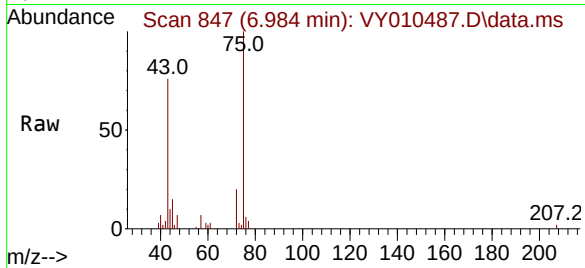




#25
2-Butanone
Concen: 18.017 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY010487.D
Acq: 14 Sep 2022 16:23

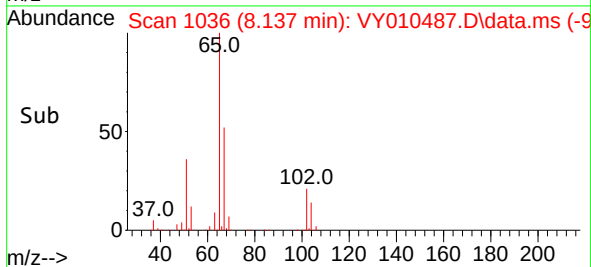
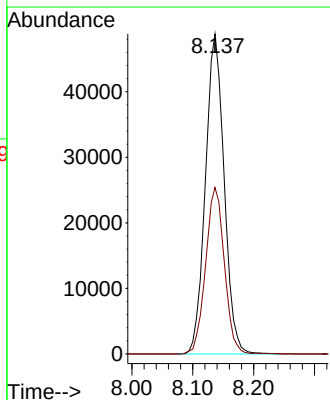
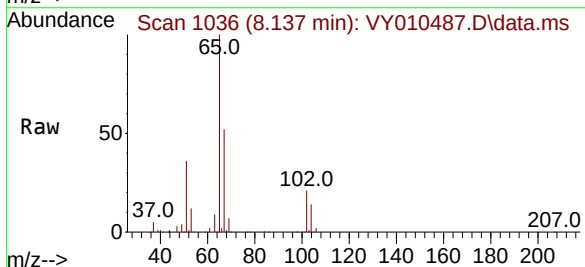
Instrument :
MSVOA_Y
ClientSampleId :
CHERRY-HILL-COMP-5

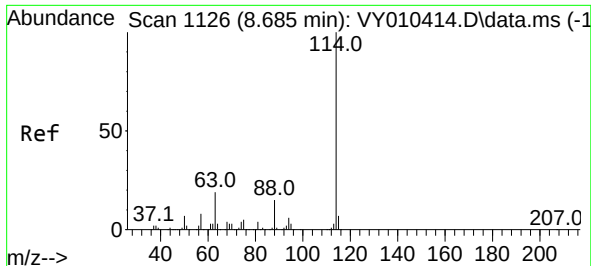
Tgt Ion: 43 Resp: 11466
Ion Ratio Lower Upper
43 100
72 26.1 17.7 26.5



#33
1,2-Dichloroethane-d4
Concen: 59.745 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY010487.D
Acq: 14 Sep 2022 16:23

Tgt Ion: 65 Resp: 104251
Ion Ratio Lower Upper
65 100
67 52.0 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: VY010487.D

Acq: 14 Sep 2022 16:23

Instrument :

MSVOA_Y

ClientSampleId :

CHERRY-HILL-COMP-5

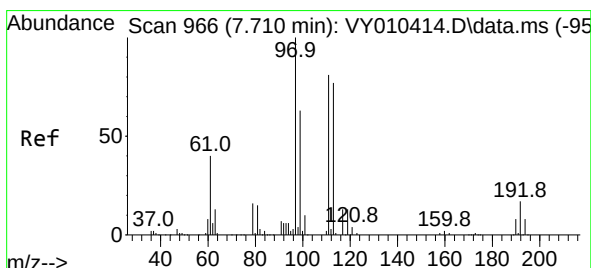
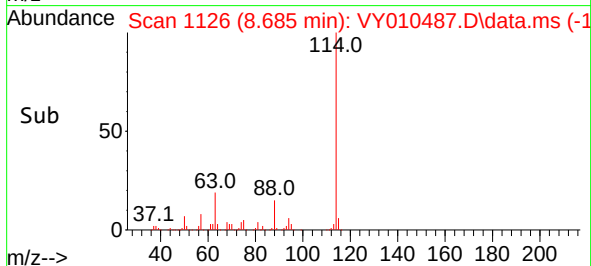
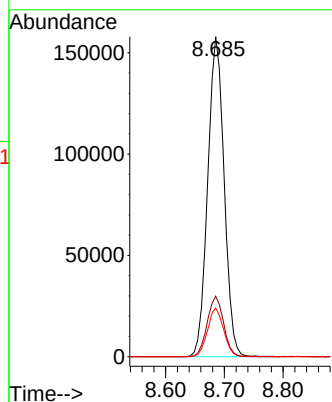
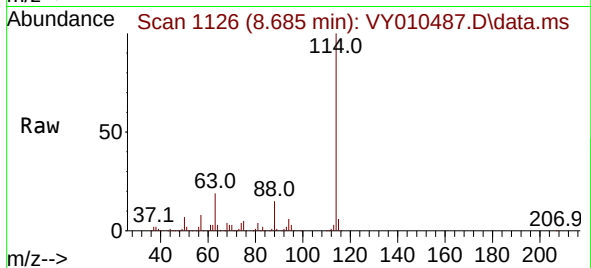
Tgt Ion:114 Resp: 306377

Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 15.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 43.984 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010487.D

Acq: 14 Sep 2022 16:23

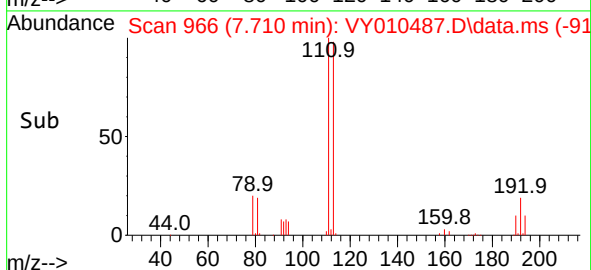
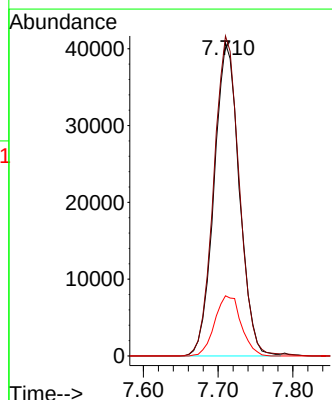
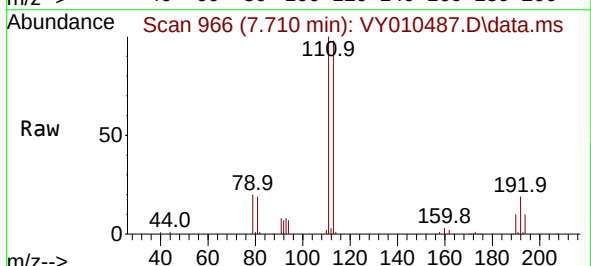
Tgt Ion:113 Resp: 95706

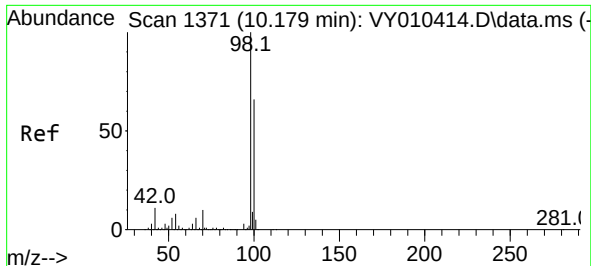
Ion Ratio Lower Upper

113 100

111 103.4 82.6 124.0

192 20.1 17.6 26.4

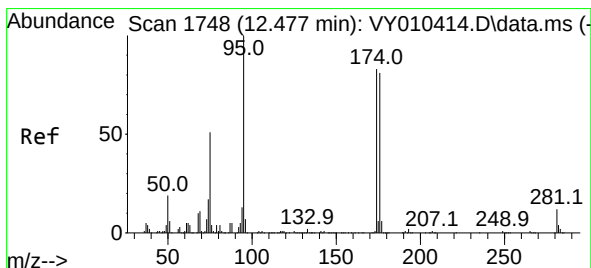
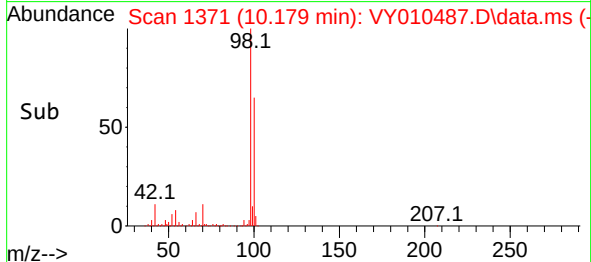
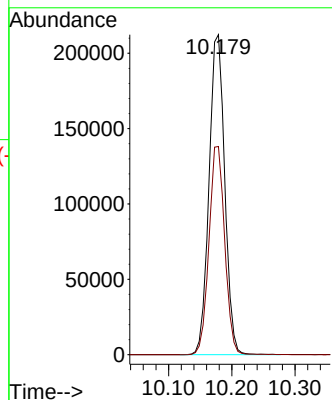
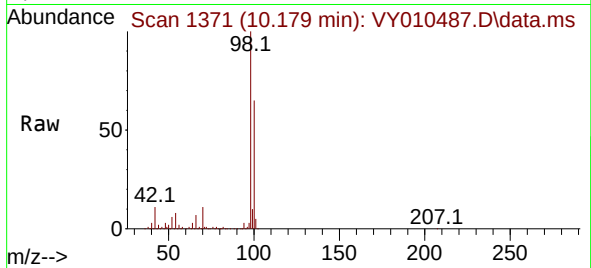




#50
Toluene-d8
Concen: 51.935 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010487.D
Acq: 14 Sep 2022 16:23

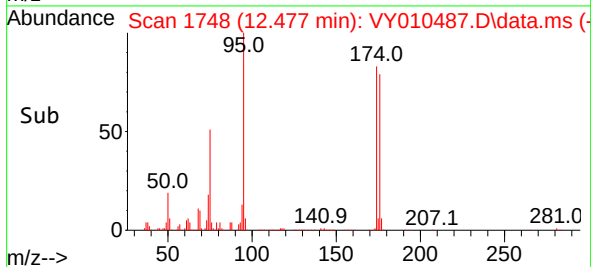
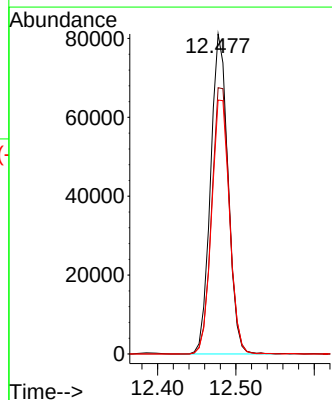
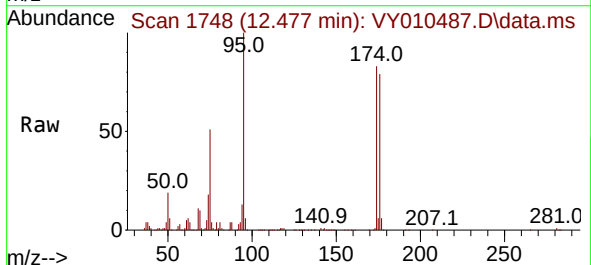
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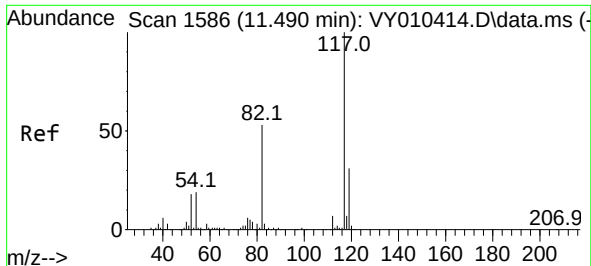
Tgt Ion: 98 Resp: 366246
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 44.139 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010487.D
Acq: 14 Sep 2022 16:23

Tgt Ion: 95 Resp: 125396
Ion Ratio Lower Upper
95 100
174 85.5 0.0 177.0
176 81.7 0.0 175.8

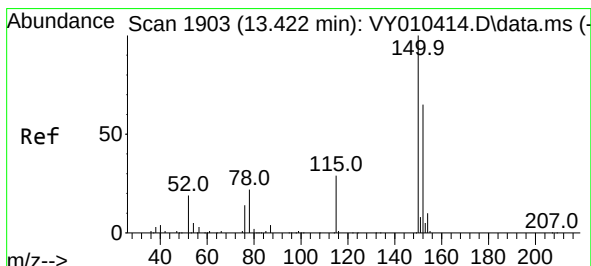
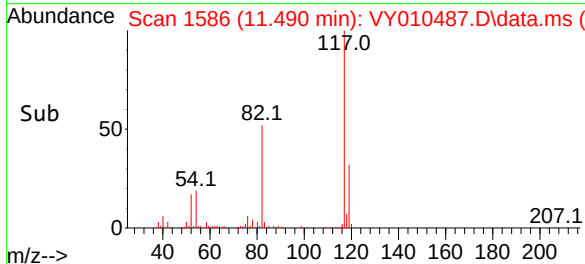
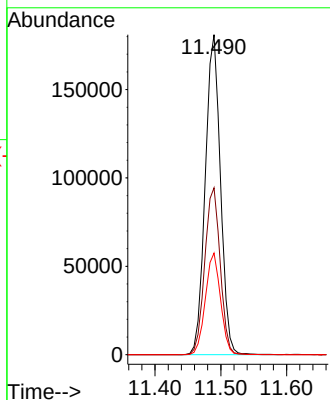
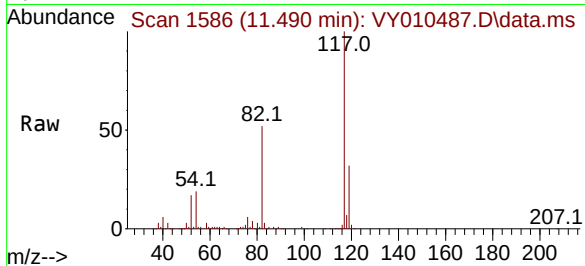




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010487.D
Acq: 14 Sep 2022 16:23

Instrument :
MSVOA_Y
ClientSampleId :
CHERRY-HILL-COMP-5

Tgt Ion:117 Resp: 290997
Ion Ratio Lower Upper
117 100
82 52.2 43.0 64.4
119 31.7 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: VY010487.D
Acq: 14 Sep 2022 16:23

Tgt Ion:152 Resp: 133174
Ion Ratio Lower Upper
152 100
115 58.0 28.2 84.7
150 158.5 0.0 347.6

