

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092322\
 Data File : VY010649.D
 Acq On : 23 Sep 2022 15:23
 Operator : KP/MD
 Sample : N4762-03
 Misc : 6.87g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D22017-(17.5-18)

Quant Time: Sep 24 01:21:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

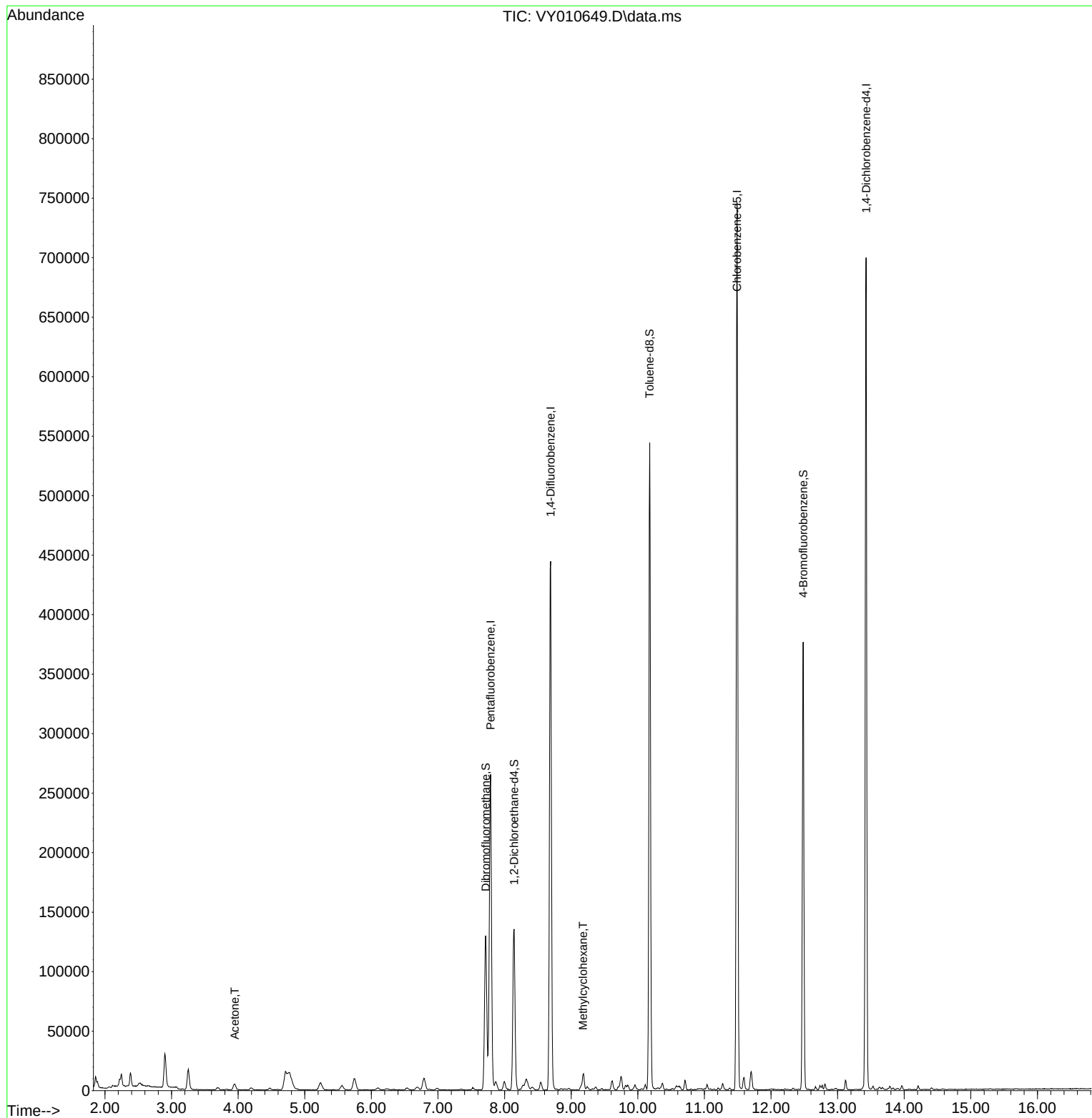
Internal Standards						
1) Pentafluorobenzene	7.789	168	199643	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	386358	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	398930	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	178022	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	106237	55.635	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.260%
35) Dibromofluoromethane	7.716	113	91248	37.006	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	74.020%
50) Toluene-d8	10.179	98	351091	39.244	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	78.480%
62) 4-Bromofluorobenzene	12.483	95	110357	31.639	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	63.280%
Target Compounds						Qvalue
16) Acetone	3.948	43	7971	20.470	ug/l	92
39) Methylcyclohexane	9.179	83	5006	1.557	ug/l #	85

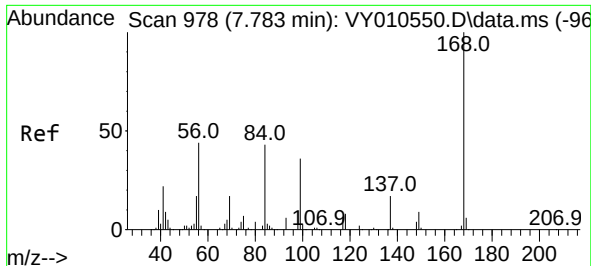
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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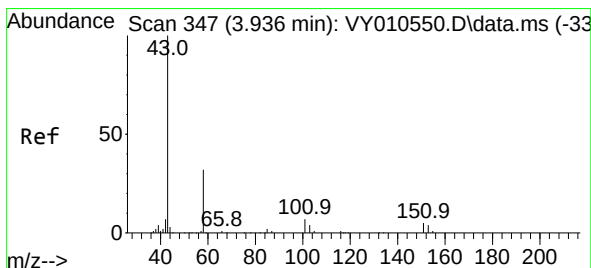
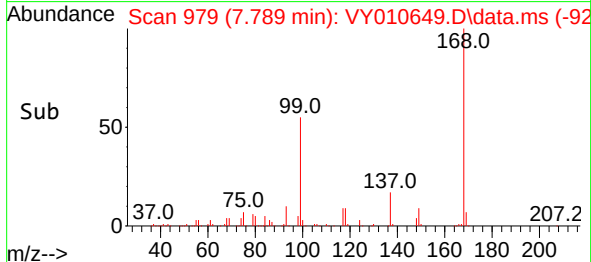
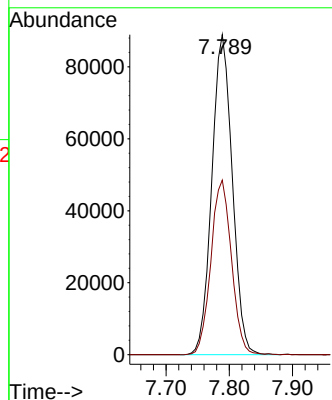
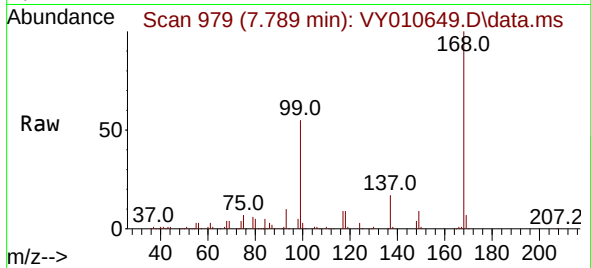




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010649.D
Acq: 23 Sep 2022 15:23

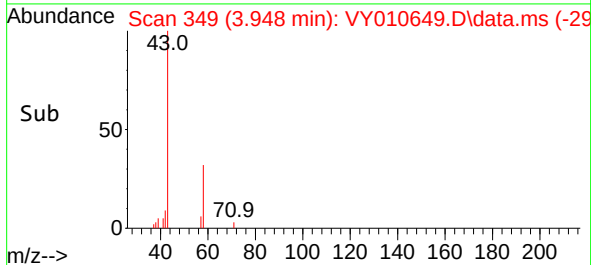
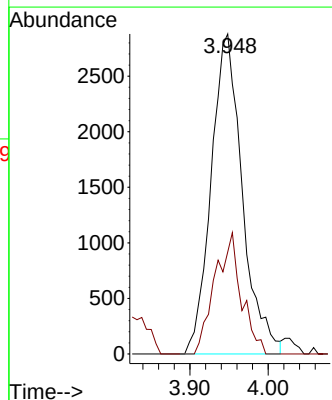
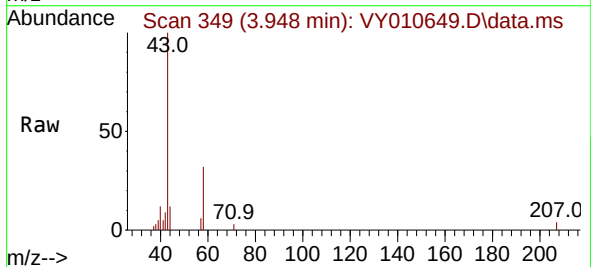
Instrument :
MSVOA_Y
ClientSampleId :
D22017-(17.5-18)

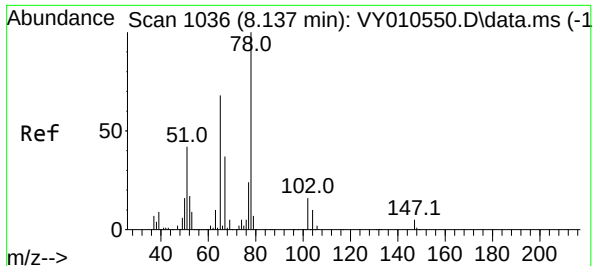
Tgt Ion:168 Resp: 199643
Ion Ratio Lower Upper
168 100
99 54.6 46.9 70.3



#16
Acetone
Concen: 20.470 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.012 min
Lab File: VY010649.D
Acq: 23 Sep 2022 15:23

Tgt Ion: 43 Resp: 7971
Ion Ratio Lower Upper
43 100
58 31.8 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 55.635 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY010649.D

Acq: 23 Sep 2022 15:23

Instrument :

MSVOA_Y

ClientSampleId :

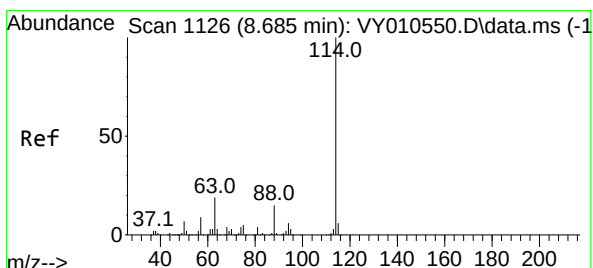
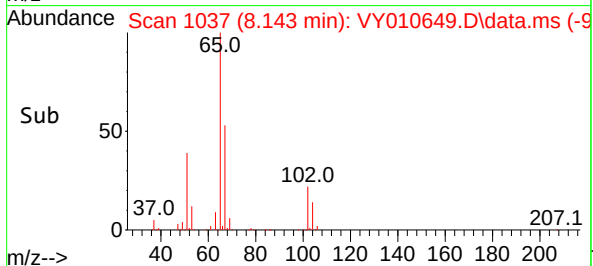
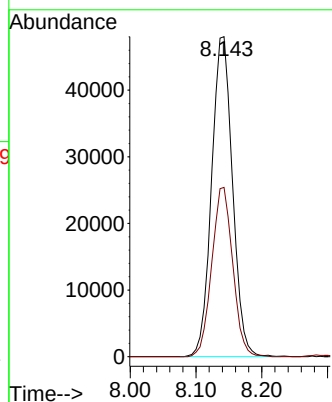
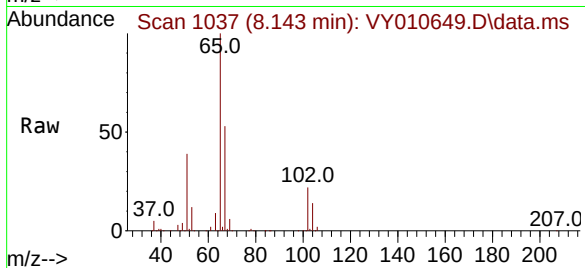
D22017-(17.5-18)

Tgt Ion: 65 Resp: 106237

Ion Ratio Lower Upper

65 100

67 53.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY010649.D

Acq: 23 Sep 2022 15:23

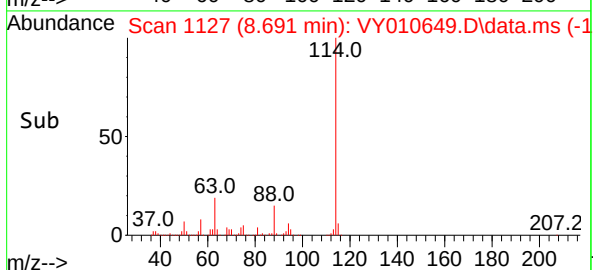
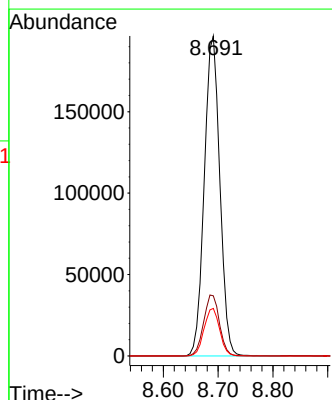
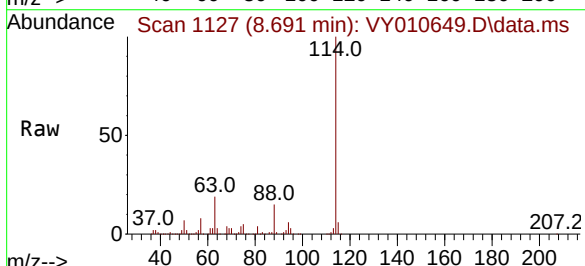
Tgt Ion: 114 Resp: 386358

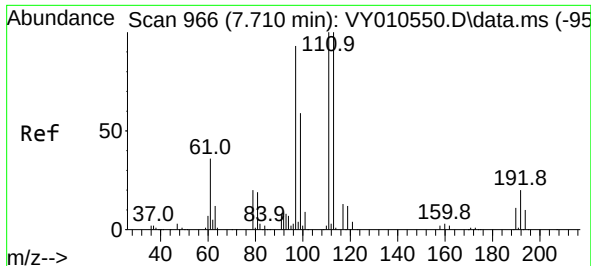
Ion Ratio Lower Upper

114 100

63 18.8 0.0 43.2

88 14.9 0.0 31.8

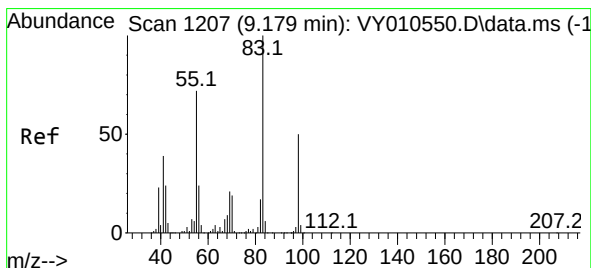
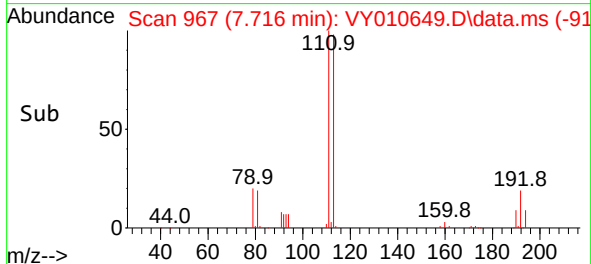
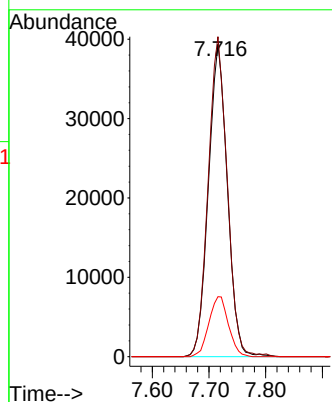
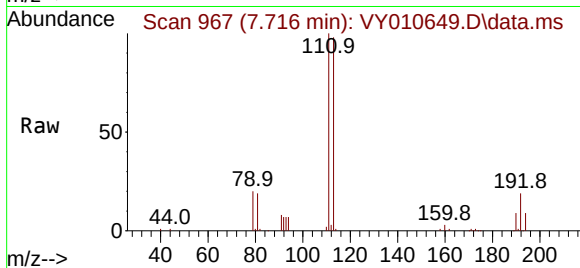




#35
Dibromofluoromethane
Concen: 37.006 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010649.D
Acq: 23 Sep 2022 15:23

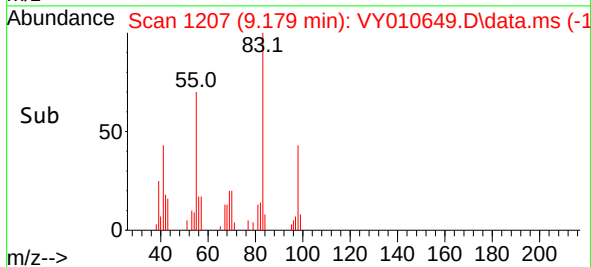
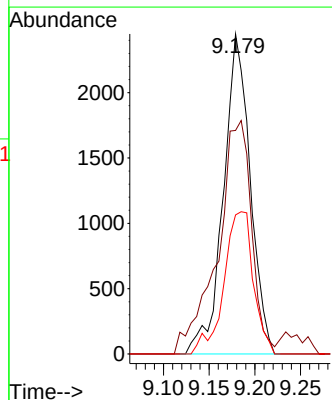
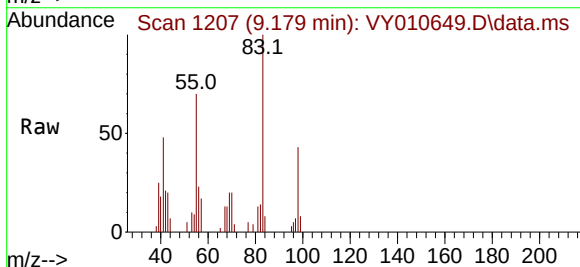
Instrument :
MSVOA_Y
ClientSampleId :
D22017-(17.5-18)

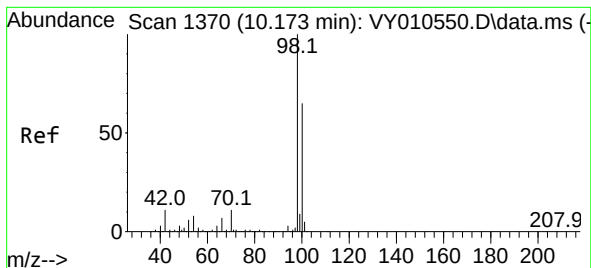
Tgt Ion:	113	Resp:	91248
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.6	124.0
192	19.9	17.6	26.4



#39
Methylcyclohexane
Concen: 1.557 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. -0.000 min
Lab File: VY010649.D
Acq: 23 Sep 2022 15:23

Tgt Ion:	83	Resp:	5006
Ion	Ratio	Lower	Upper
83	100		
55	65.3	66.5	99.7#
98	43.4	37.9	56.9





#50

Toluene-d8

Concen: 39.244 ug/l

RT: 10.179 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY010649.D

Acq: 23 Sep 2022 15:23

Instrument :

MSVOA_Y

ClientSampleId :

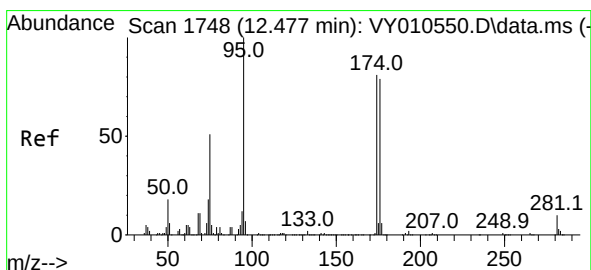
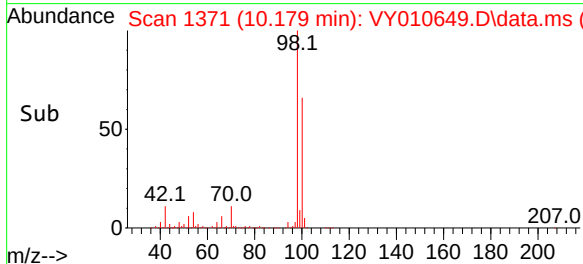
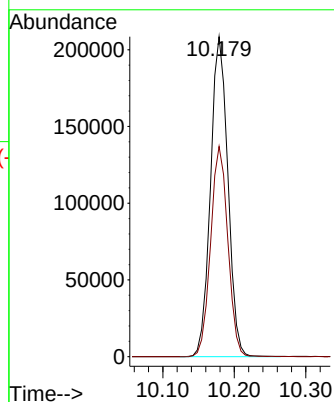
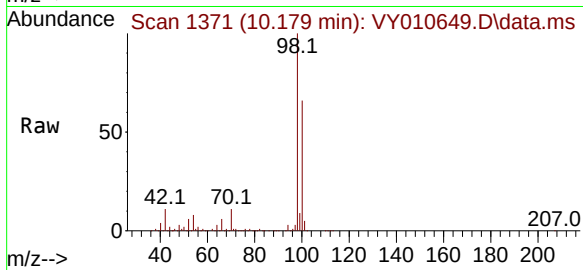
D22017-(17.5-18)

Tgt Ion: 98 Resp: 351091

Ion Ratio Lower Upper

98 100

100 65.2 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 31.639 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY010649.D

Acq: 23 Sep 2022 15:23

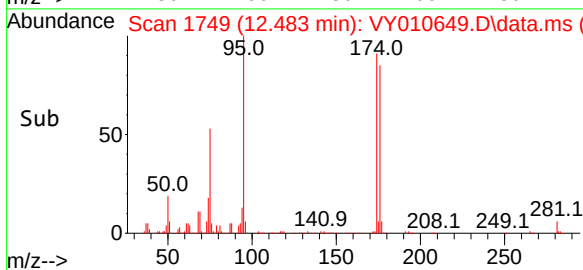
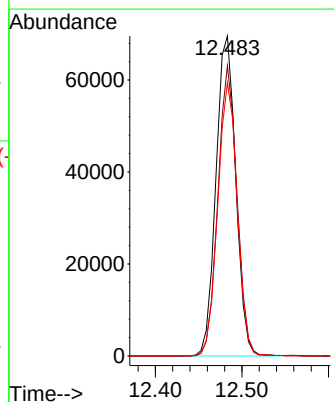
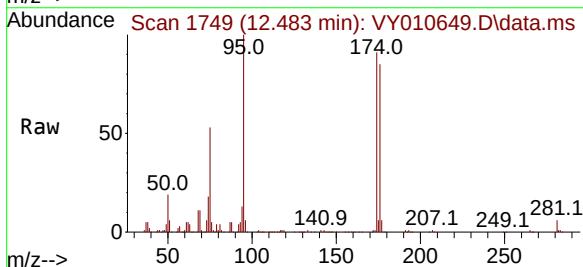
Tgt Ion: 95 Resp: 110357

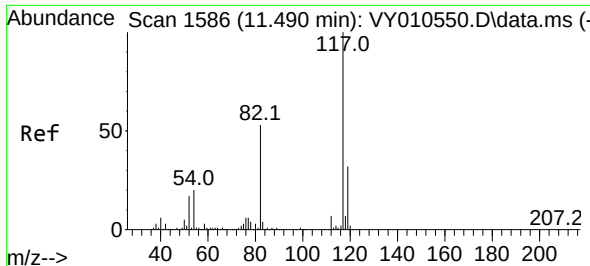
Ion Ratio Lower Upper

95 100

174 87.6 0.0 177.0

176 84.2 0.0 175.8

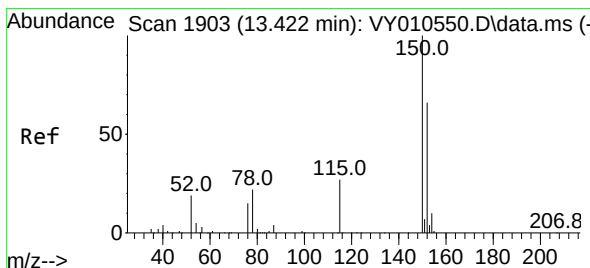
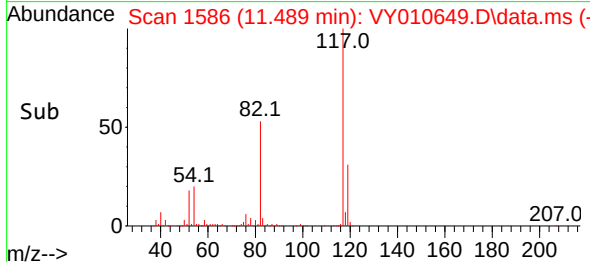
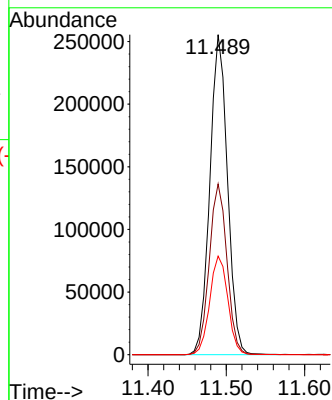
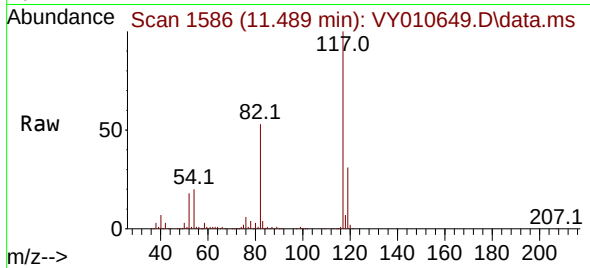




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010649.D
Acq: 23 Sep 2022 15:23

Instrument :
MSVOA_Y
ClientSampleId :
D22017-(17.5-18)

Tgt Ion:117 Resp: 398930
Ion Ratio Lower Upper
117 100
82 53.3 43.0 64.4
119 30.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY010649.D
Acq: 23 Sep 2022 15:23

Tgt Ion:152 Resp: 178022
Ion Ratio Lower Upper
152 100
115 57.9 28.2 84.7
150 158.3 0.0 347.6

