

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082222\
 Data File : VY010150.D
 Acq On : 22 Aug 2022 17:45
 Operator : KP/MD
 Sample : N4227-21
 Misc : 5.63g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-3

Quant Time: Aug 22 18:46:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081922S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 22 02:37:07 2022
 Response via : Initial Calibration

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

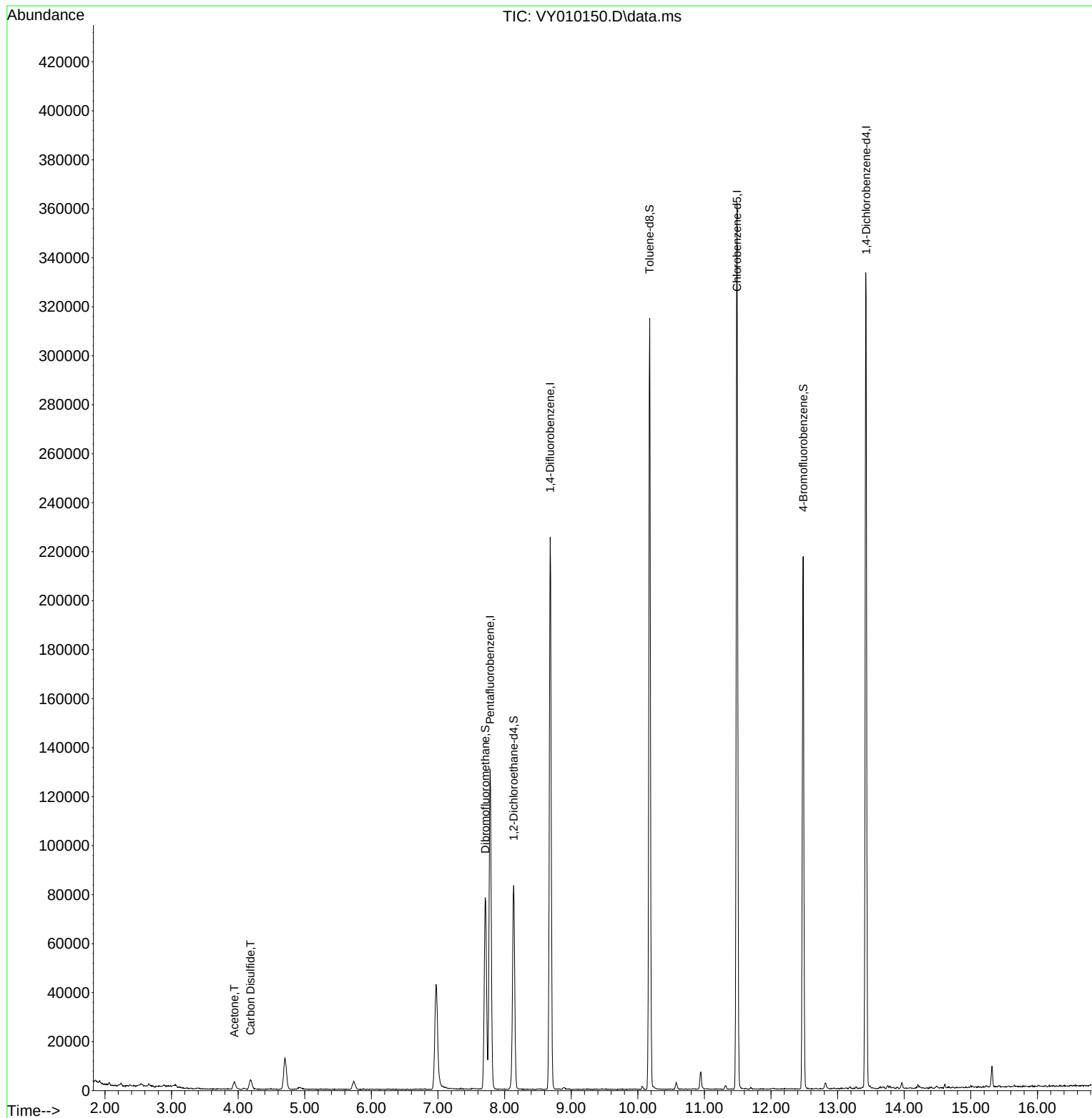
Internal Standards						
1) Pentafluorobenzene	7.783	168	105608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	199377	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	201048	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	89410	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	61754	71.390	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 142.780%	
35) Dibromofluoromethane	7.710	113	58092	51.708	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.420%	
50) Toluene-d8	10.179	98	208929	49.631	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.260%	
62) 4-Bromofluorobenzene	12.483	95	65804	43.750	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 87.500%	
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	5448	25.164	ug/l	92
17) Carbon Disulfide	4.186	76	6302	2.040	ug/l #	90

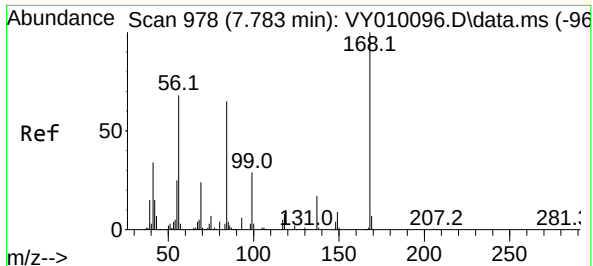
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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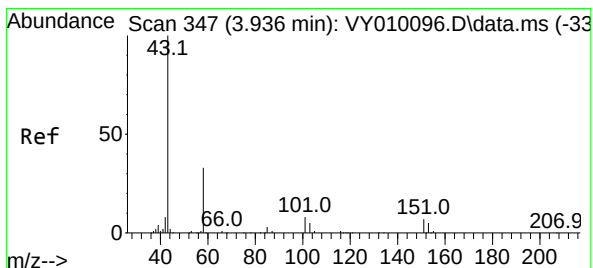
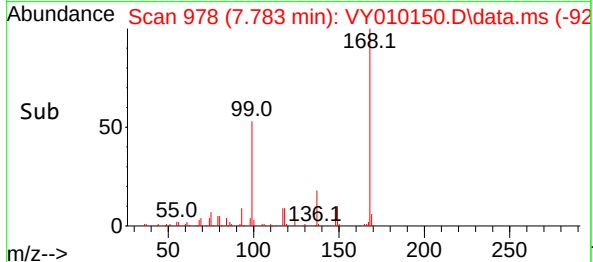
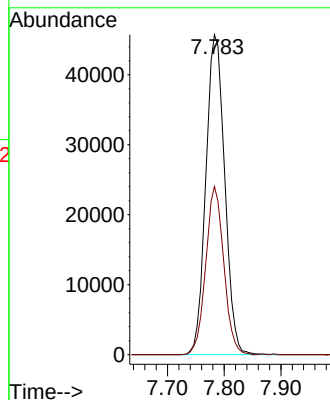
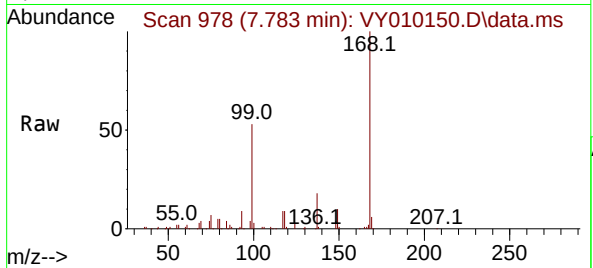




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010150.D
Acq: 22 Aug 2022 17:45

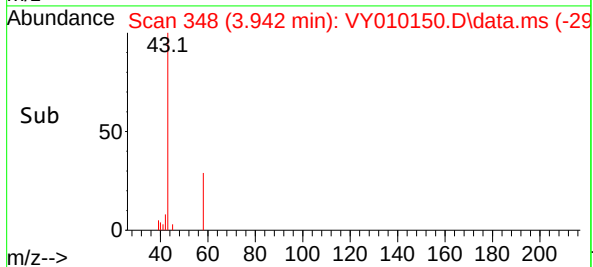
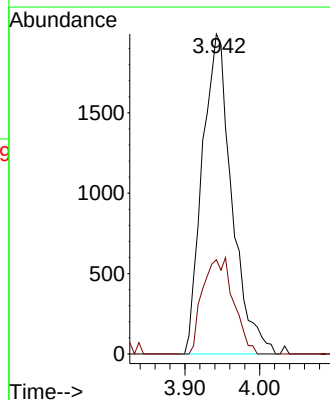
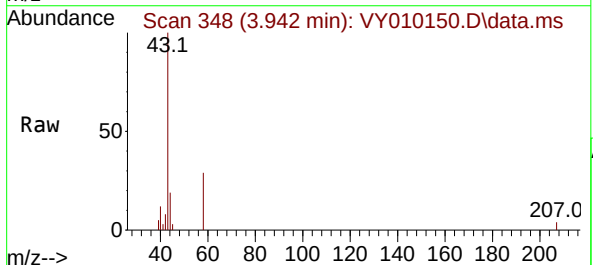
Instrument :
MSVOA_Y
ClientSampleId :
SP-3

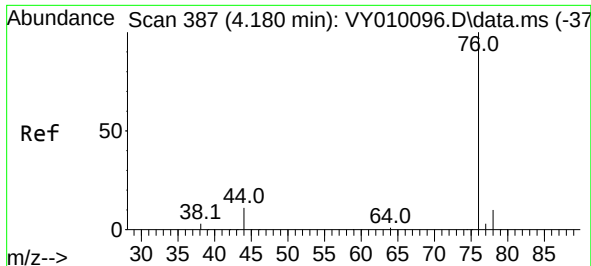
Tgt Ion:168 Resp: 105608
Ion Ratio Lower Upper
168 100
99 52.6 40.7 61.1



#16
Acetone
Concen: 25.164 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY010150.D
Acq: 22 Aug 2022 17:45

Tgt Ion: 43 Resp: 5448
Ion Ratio Lower Upper
43 100
58 29.4 27.4 41.0





#17

Carbon Disulfide

Concen: 2.040 ug/l

RT: 4.186 min Scan# 387

Delta R.T. 0.006 min

Lab File: VY010150.D

Acq: 22 Aug 2022 17:45

Instrument :

MSVOA_Y

ClientSampleId :

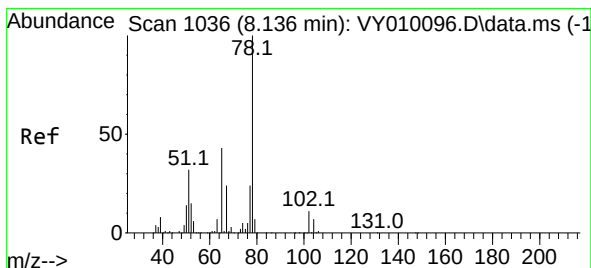
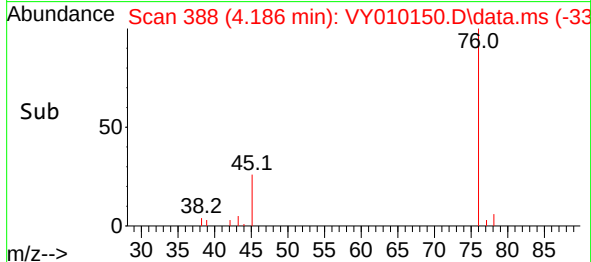
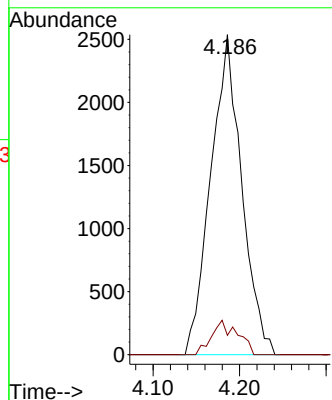
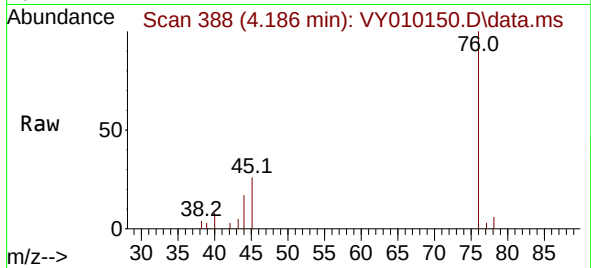
SP-3

Tgt Ion: 76 Resp: 6302

Ion Ratio Lower Upper

76 100

78 6.1 7.7 11.5#



#33

1,2-Dichloroethane-d4

Concen: 71.390 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY010150.D

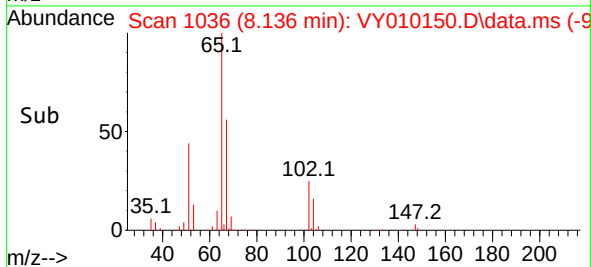
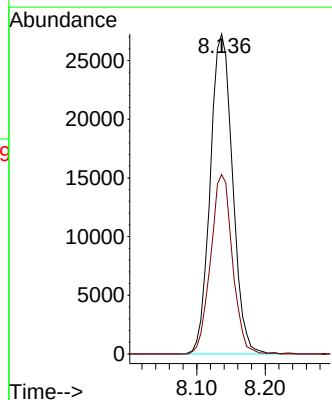
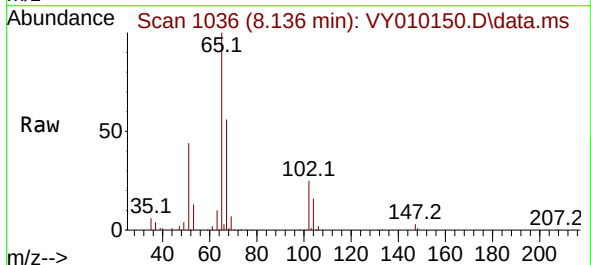
Acq: 22 Aug 2022 17:45

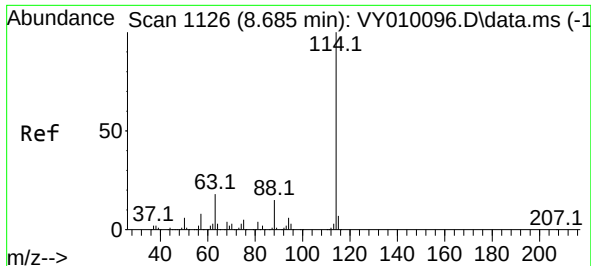
Tgt Ion: 65 Resp: 61754

Ion Ratio Lower Upper

65 100

67 54.7 0.0 110.6

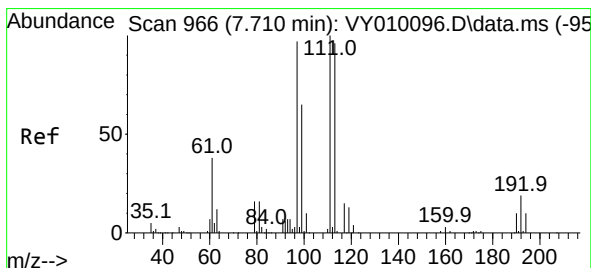
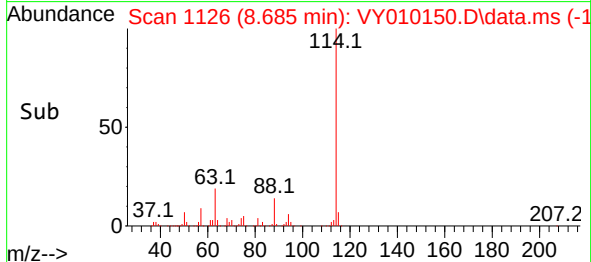
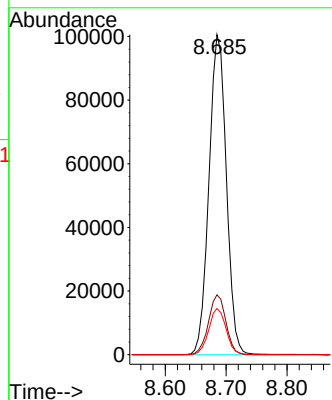
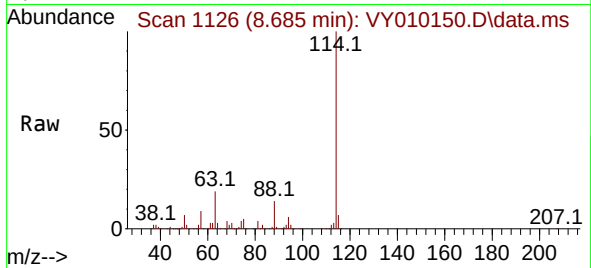




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010150.D
Acq: 22 Aug 2022 17:45

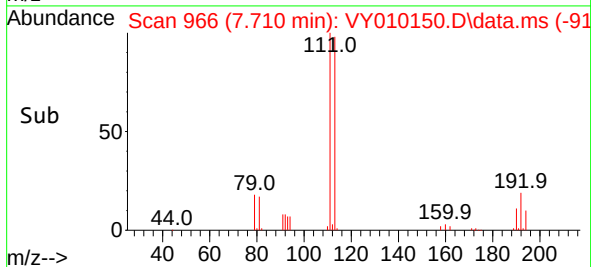
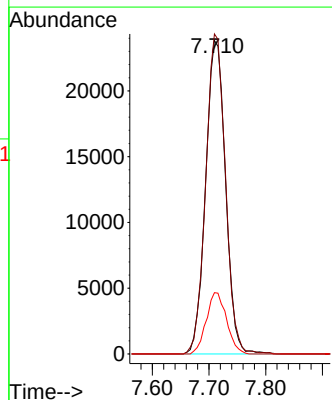
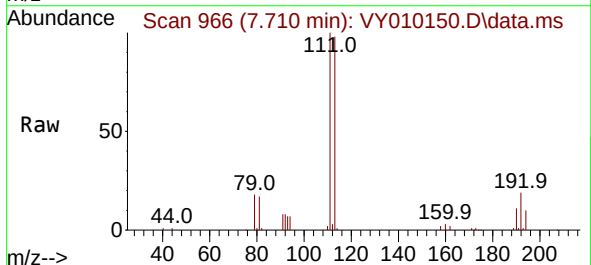
Instrument :
MSVOA_Y
ClientSampleId :
SP-3

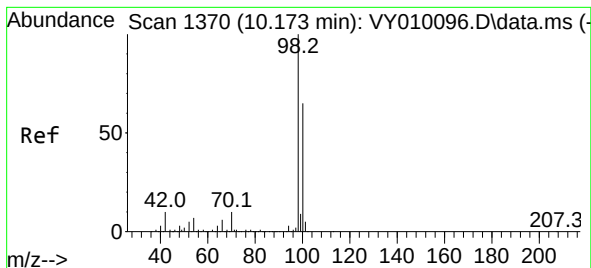
Tgt Ion:114 Resp: 199377
Ion Ratio Lower Upper
114 100
63 18.7 0.0 35.6
88 14.4 0.0 29.6



#35
Dibromofluoromethane
Concen: 51.708 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY010150.D
Acq: 22 Aug 2022 17:45

Tgt Ion:113 Resp: 58092
Ion Ratio Lower Upper
113 100
111 101.0 82.8 124.2
192 19.9 16.3 24.5





#50

Toluene-d8

Concen: 49.631 ug/l

RT: 10.179 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY010150.D

Acq: 22 Aug 2022 17:45

Instrument :

MSVOA_Y

ClientSampleId :

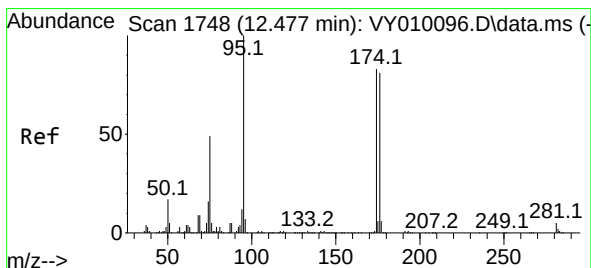
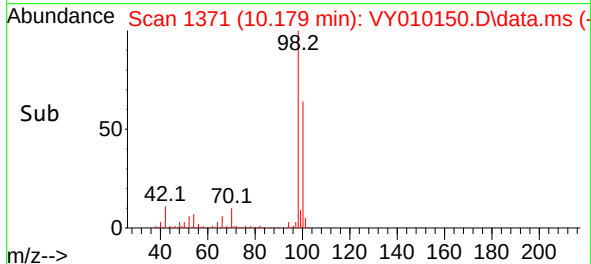
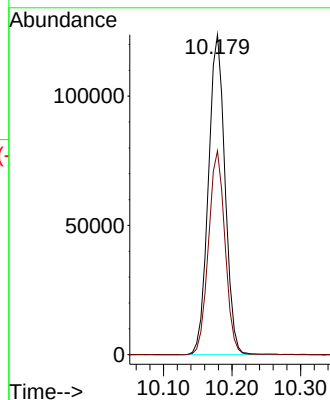
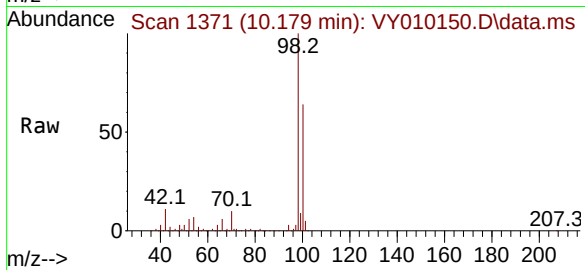
SP-3

Tgt Ion: 98 Resp: 208929

Ion Ratio Lower Upper

98 100

100 63.3 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 43.750 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY010150.D

Acq: 22 Aug 2022 17:45

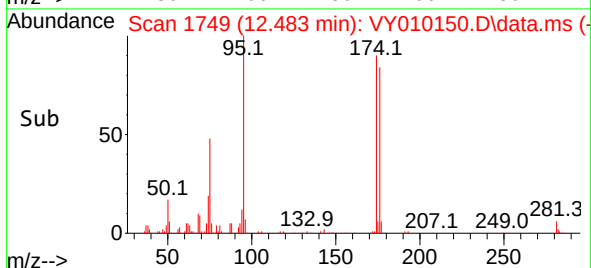
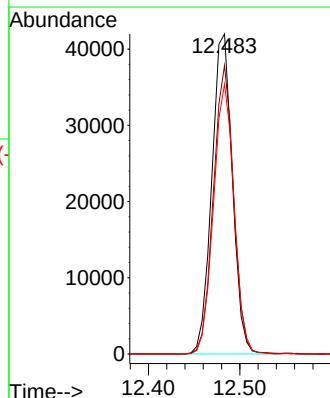
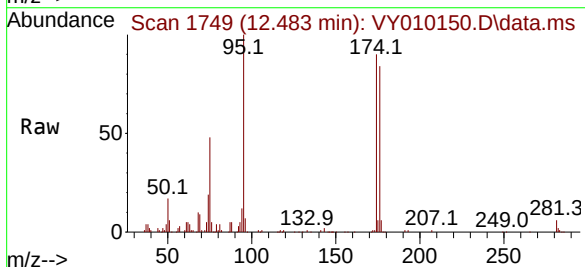
Tgt Ion: 95 Resp: 65804

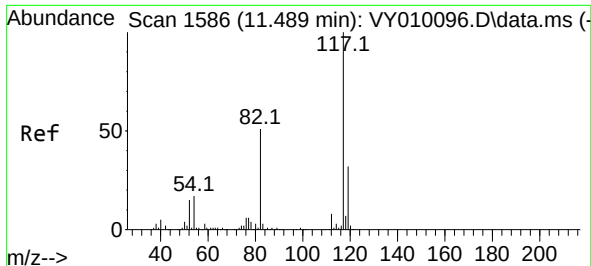
Ion Ratio Lower Upper

95 100

174 88.8 0.0 173.8

176 84.5 0.0 167.2

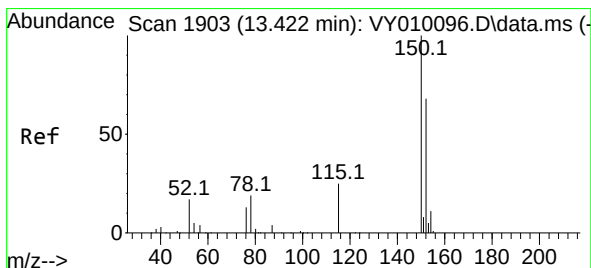
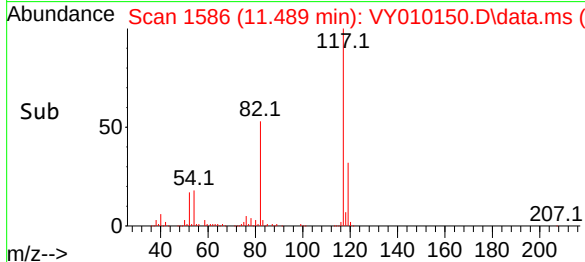
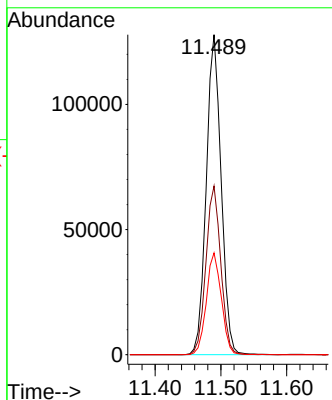
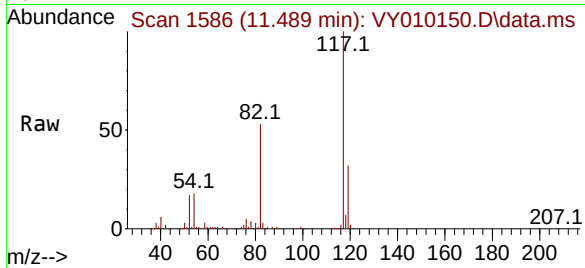




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010150.D
Acq: 22 Aug 2022 17:45

Instrument :
MSVOA_Y
ClientSampleId :
SP-3

Tgt Ion:117 Resp: 201048
Ion Ratio Lower Upper
117 100
82 52.7 40.6 61.0
119 31.8 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY010150.D
Acq: 22 Aug 2022 17:45

Tgt Ion:152 Resp: 89410
Ion Ratio Lower Upper
152 100
115 57.2 28.1 84.2
150 158.5 0.0 346.2

