

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051624\
 Data File : VY018290.D
 Acq On : 16 May 2024 17:11
 Operator : SY/MD
 Sample : P2497-07
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 280646

Quant Time: May 17 01:17:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

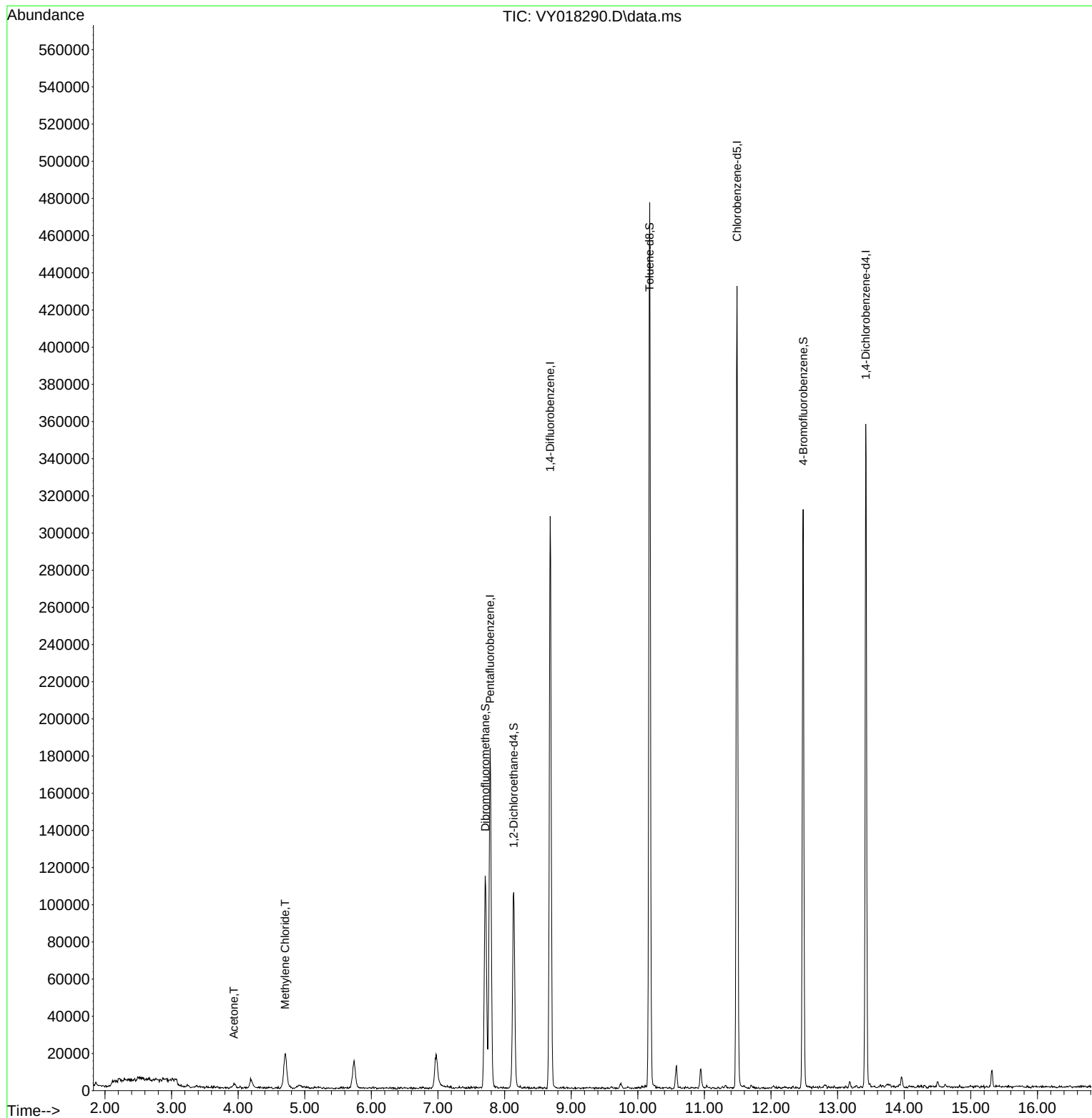
Internal Standards						
1) Pentafluorobenzene	7.783	168	137680	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	273697	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	245671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	90153	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	76348	75.378	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 150.760%	
35) Dibromofluoromethane	7.710	113	82726	57.512	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.020%	
50) Toluene-d8	10.179	98	318854	56.253	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.500%	
62) 4-Bromofluorobenzene	12.483	95	95175	51.994	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.980%	
Target Compounds						
					Qvalue	
16) Acetone	3.936	43	3646	18.038	ug/l	96
20) Methylene Chloride	4.704	84	14071	9.849	ug/l	94

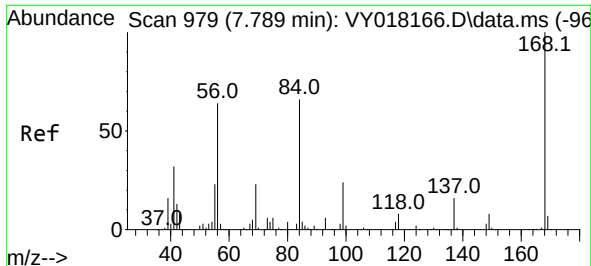
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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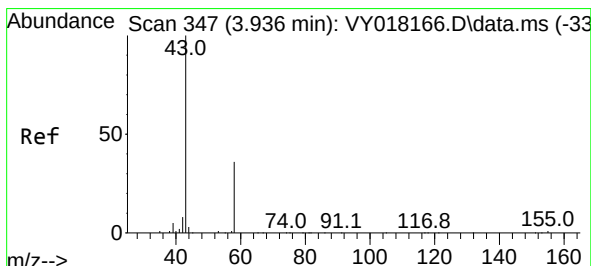
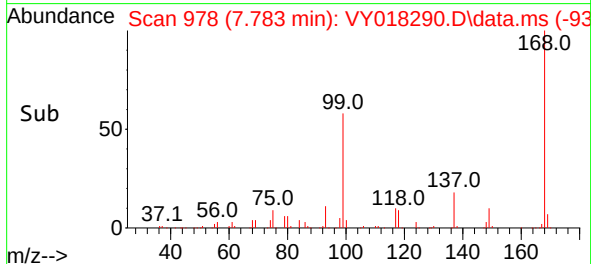
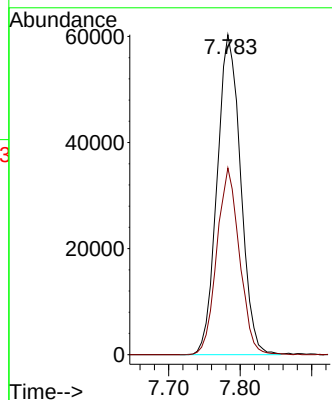
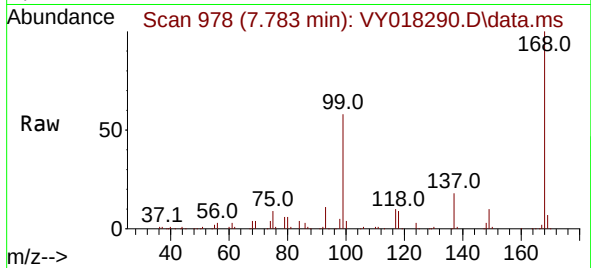




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018290.D
Acq: 16 May 2024 17:11

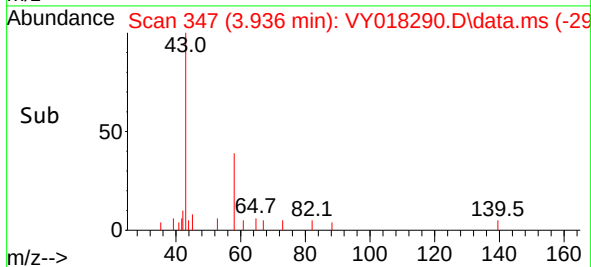
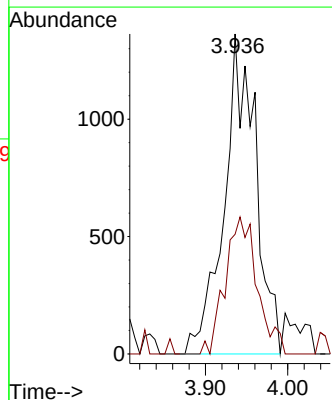
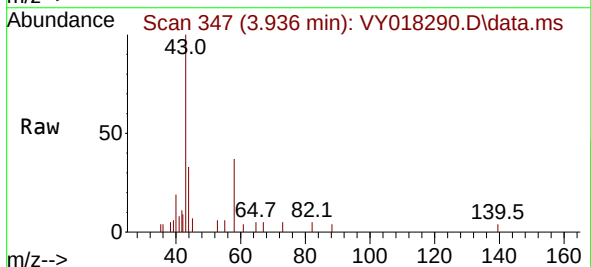
Instrument :
MSVOA_Y
ClientSampleId :
280646

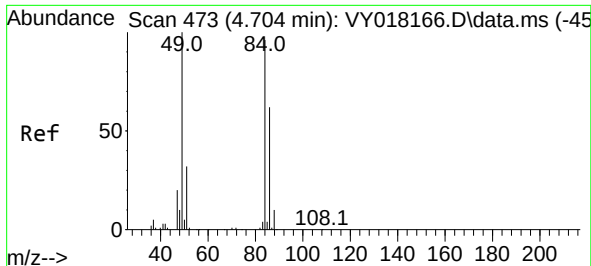
Tgt Ion:168 Resp: 137680
Ion Ratio Lower Upper
168 100
99 58.3 39.1 58.7



#16
Acetone
Concen: 18.038 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY018290.D
Acq: 16 May 2024 17:11

Tgt Ion: 43 Resp: 3646
Ion Ratio Lower Upper
43 100
58 37.4 31.7 47.5

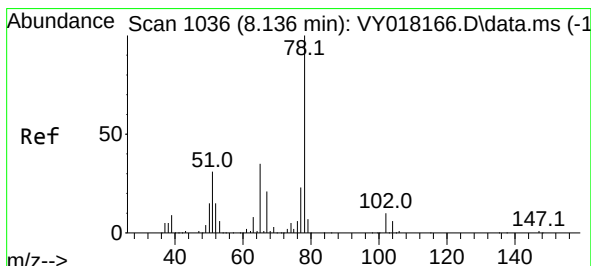
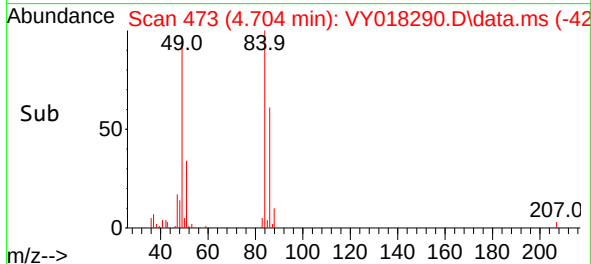
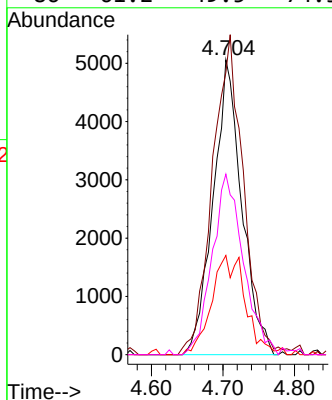
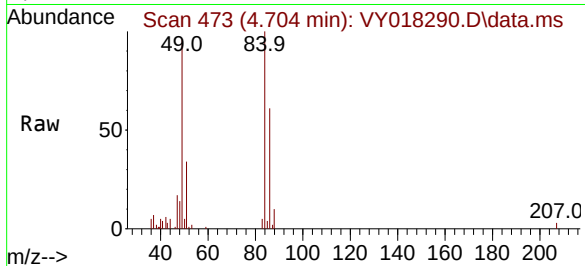




#20
Methylene Chloride
Concen: 9.849 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY018290.D
Acq: 16 May 2024 17:11

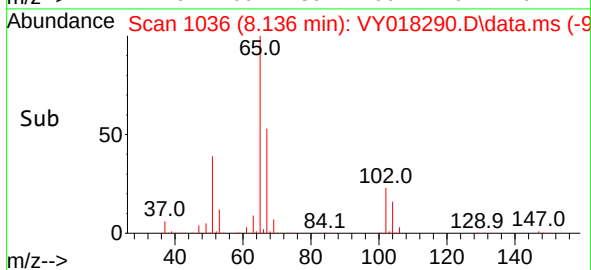
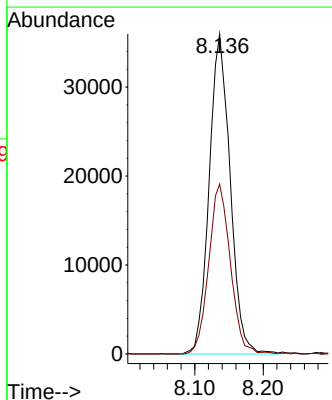
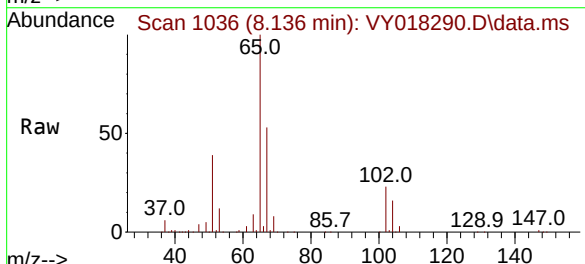
Instrument :
MSVOA_Y
ClientSampleId :
280646

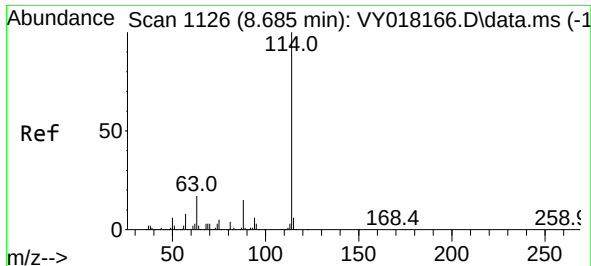
Tgt Ion:	84	Resp:	14071
Ion	Ratio	Lower	Upper
84	100		
49	95.7	84.4	126.6
51	33.7	26.0	39.0
86	61.2	49.5	74.3



#33
1,2-Dichloroethane-d4
Concen: 75.378 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY018290.D
Acq: 16 May 2024 17:11

Tgt Ion:	65	Resp:	76348
Ion	Ratio	Lower	Upper
65	100		
67	54.9	0.0	109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY018290.D

Acq: 16 May 2024 17:11

Instrument :

MSVOA_Y

ClientSampleId :

280646

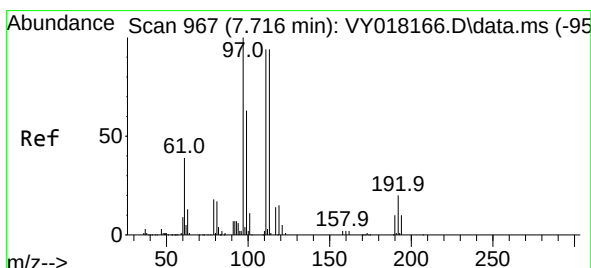
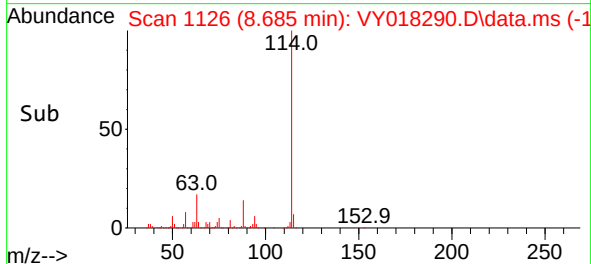
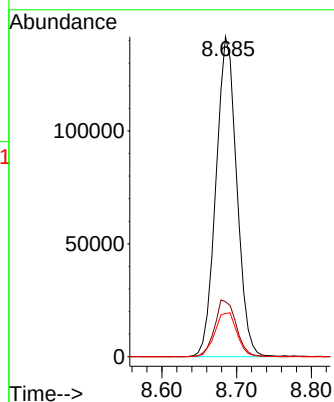
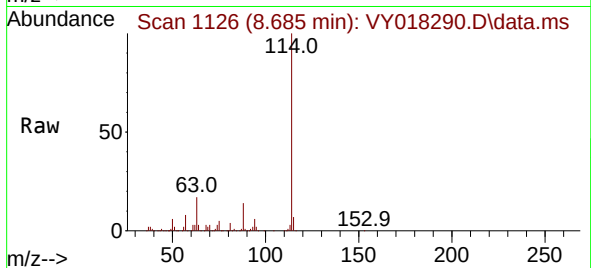
Tgt Ion:114 Resp: 273697

Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.0

88 13.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 57.512 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY018290.D

Acq: 16 May 2024 17:11

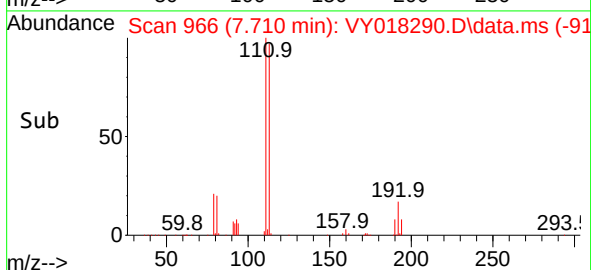
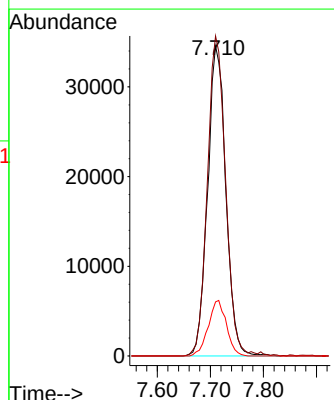
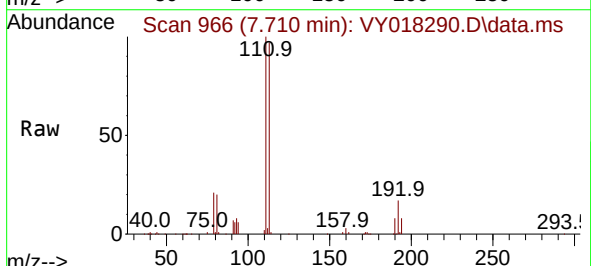
Tgt Ion:113 Resp: 82726

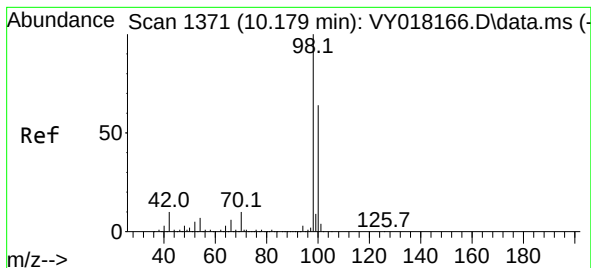
Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.4

192 17.8 15.9 23.9





#50

Toluene-d8

Concen: 56.253 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY018290.D

Acq: 16 May 2024 17:11

Instrument :

MSVOA_Y

ClientSampleId :

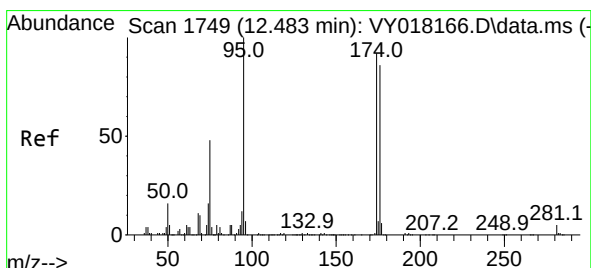
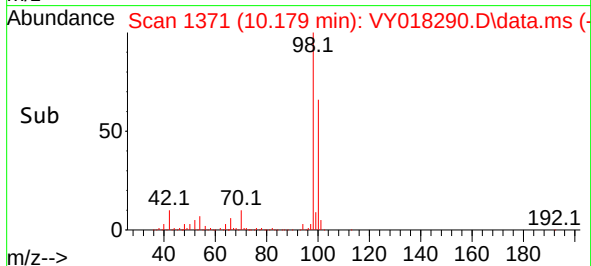
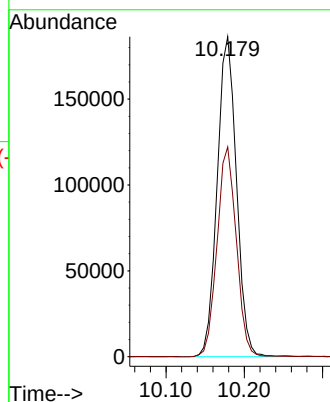
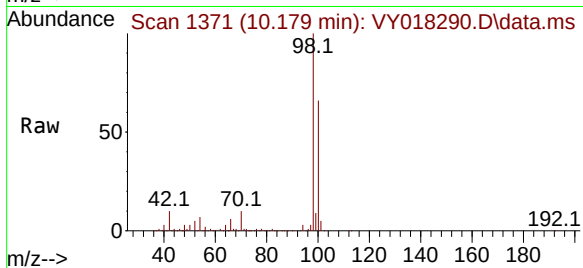
280646

Tgt Ion: 98 Resp: 318854

Ion Ratio Lower Upper

98 100

100 65.5 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 51.994 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY018290.D

Acq: 16 May 2024 17:11

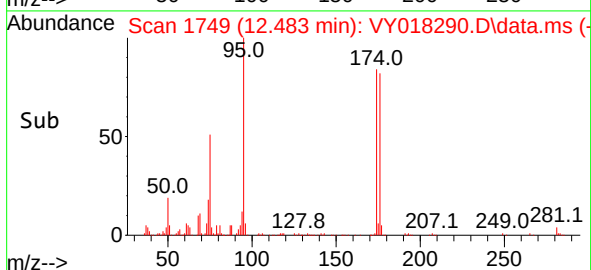
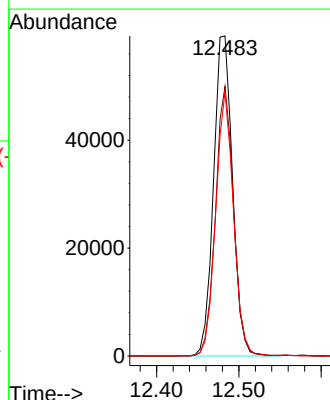
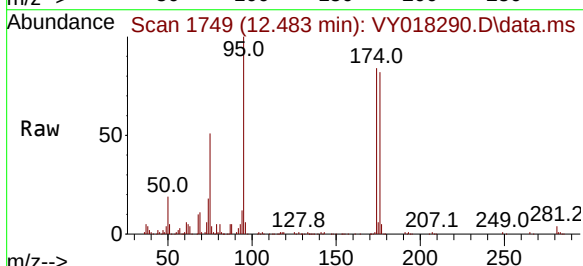
Tgt Ion: 95 Resp: 95175

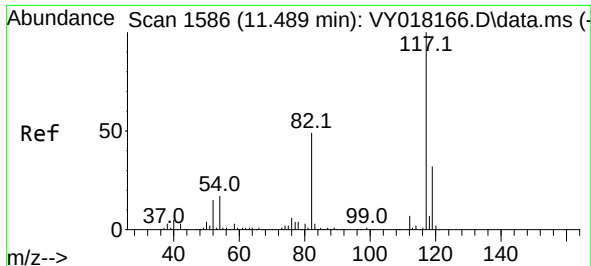
Ion Ratio Lower Upper

95 100

174 80.4 0.0 175.6

176 77.5 0.0 171.4

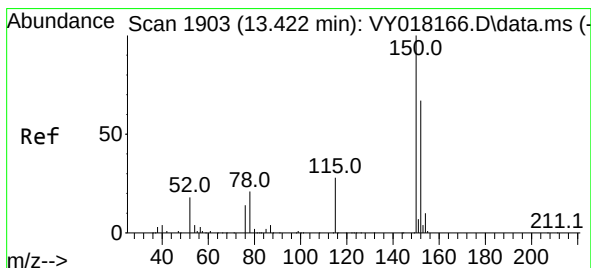
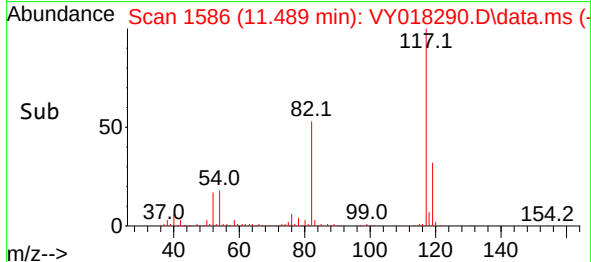
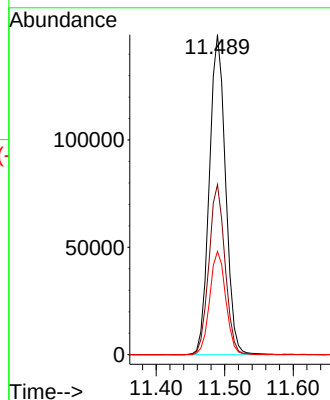
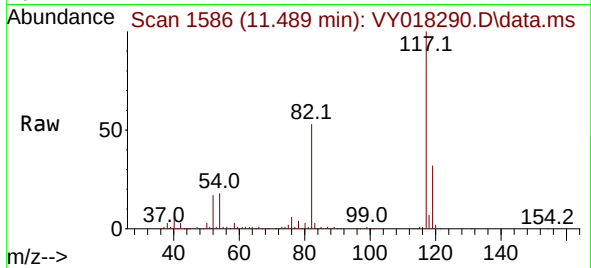




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY018290.D
Acq: 16 May 2024 17:11

Instrument :
MSVOA_Y
ClientSampleId :
280646

Tgt Ion:117 Resp: 245671
Ion Ratio Lower Upper
117 100
82 53.2 42.4 63.6
119 32.3 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY018290.D
Acq: 16 May 2024 17:11

Tgt Ion:152 Resp: 90153
Ion Ratio Lower Upper
152 100
115 59.3 28.2 84.7
150 155.9 0.0 345.6

