

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082324\
 Data File : VY019259.D
 Acq On : 23 Aug 2024 15:53
 Operator : SY/MD
 Sample : P3663-11
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 919-J-SD-0-0.5-1-081624

Quant Time: Aug 23 22:58:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

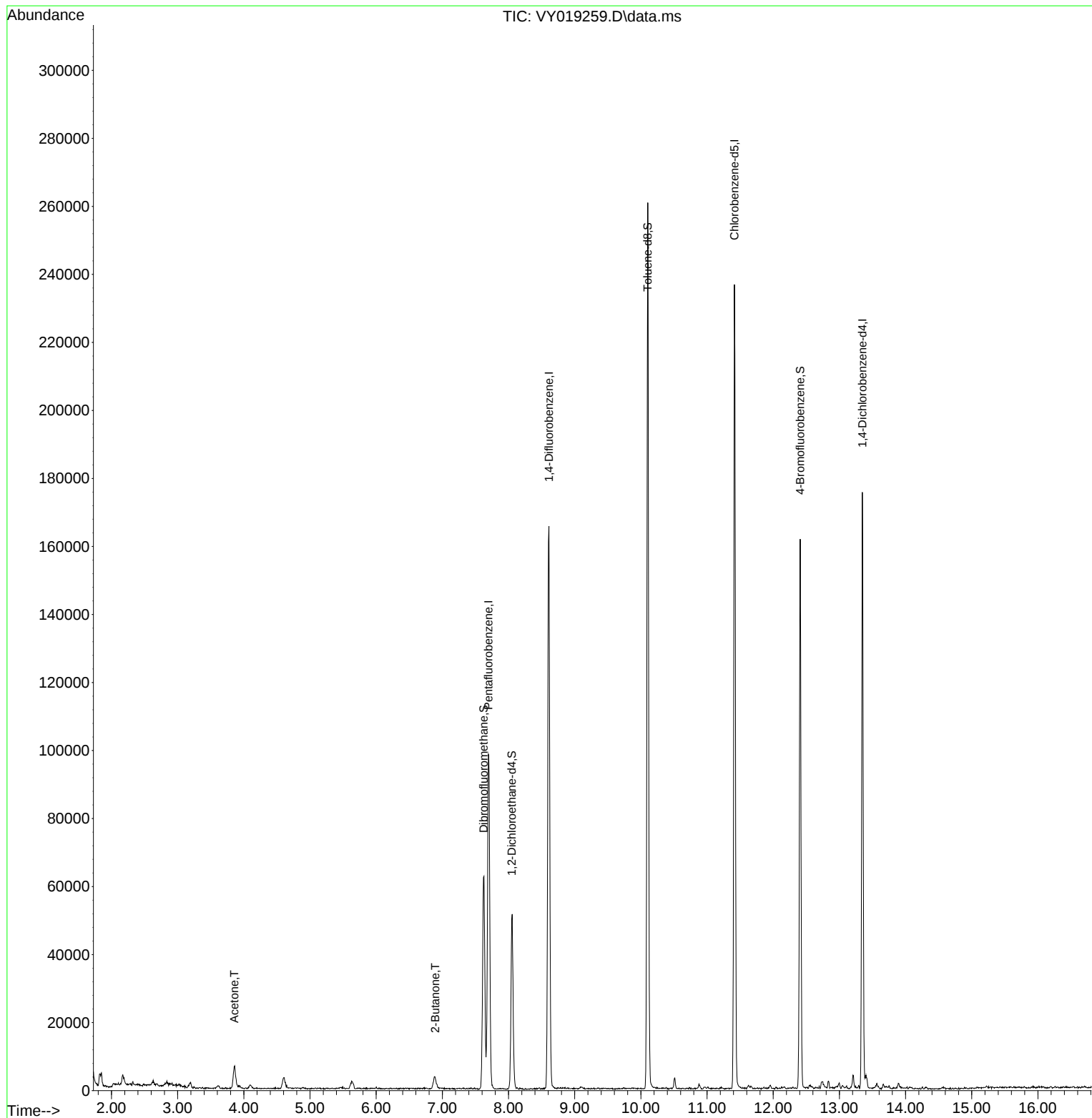
Internal Standards						
1) Pentafluorobenzene	7.695	168	81245	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	147764	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	127463	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	43462	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	40223	49.389	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.780%		
35) Dibromofluoromethane	7.622	113	44804	46.373	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.740%		
50) Toluene-d8	10.103	98	164598	47.340	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	94.680%		
62) 4-Bromofluorobenzene	12.407	95	47263	39.875	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	79.760%		
Target Compounds					Qvalue	
16) Acetone	3.854	43	11246	74.459	ug/l #	84
25) 2-Butanone	6.890	43	4192	17.234	ug/l	89

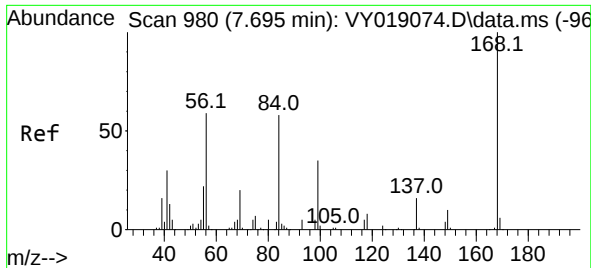
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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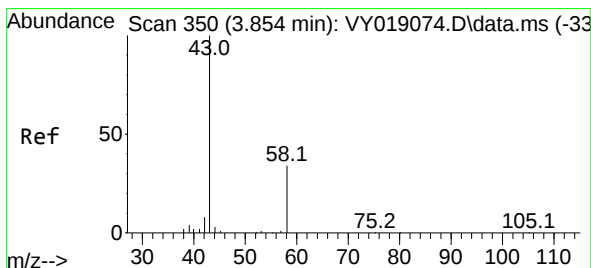
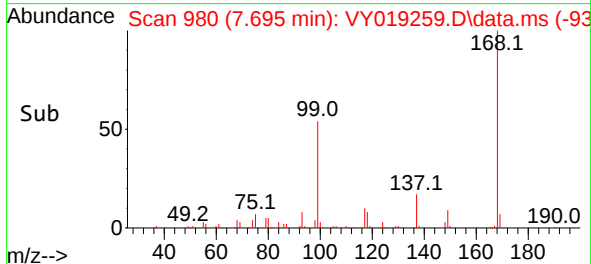
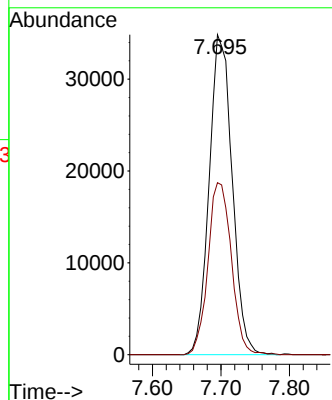
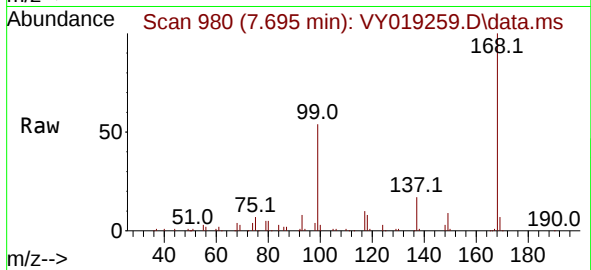




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019259.D
Acq: 23 Aug 2024 15:53

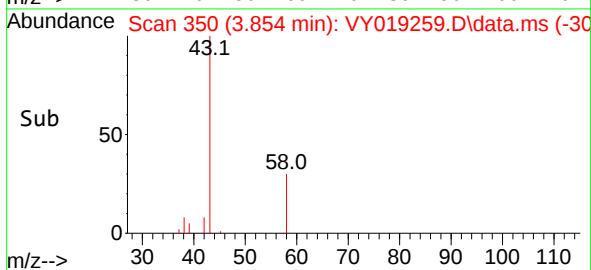
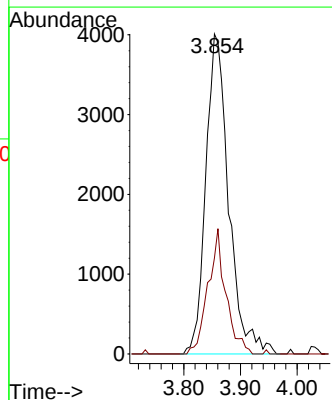
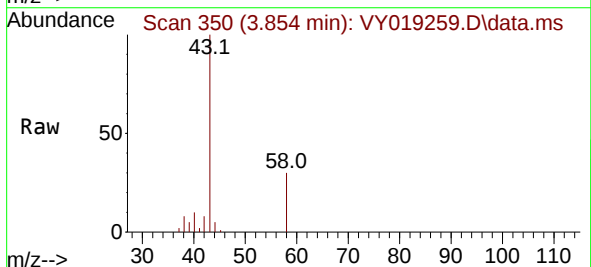
Instrument :
MSVOA_Y
ClientSampleId :
919-J-SD-0-0.5-1-081624

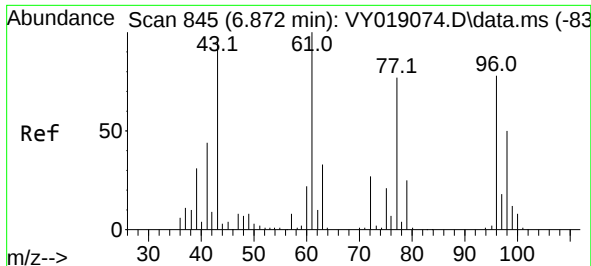
Tgt Ion:168 Resp: 81245
Ion Ratio Lower Upper
168 100
99 53.8 39.1 58.7



#16
Acetone
Concen: 74.459 ug/l
RT: 3.854 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY019259.D
Acq: 23 Aug 2024 15:53

Tgt Ion: 43 Resp: 11246
Ion Ratio Lower Upper
43 100
58 30.0 31.7 47.5#

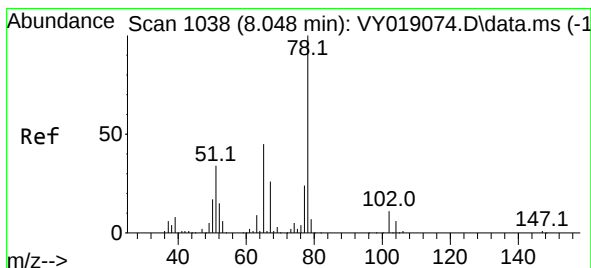
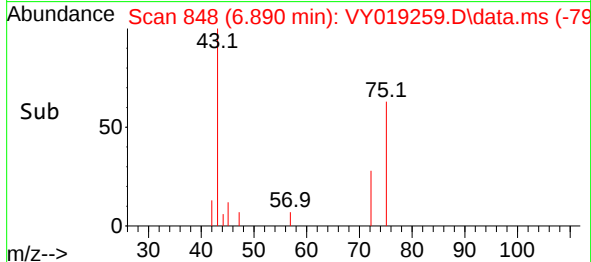
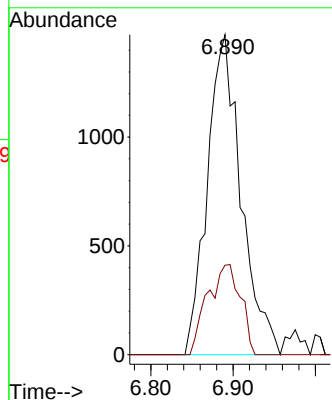
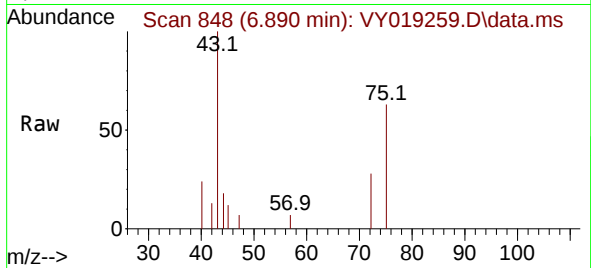




#25
2-Butanone
Concen: 17.234 ug/l
RT: 6.890 min Scan# 845
Delta R.T. 0.018 min
Lab File: VY019259.D
Acq: 23 Aug 2024 15:53

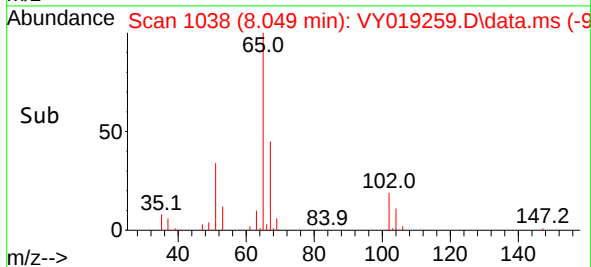
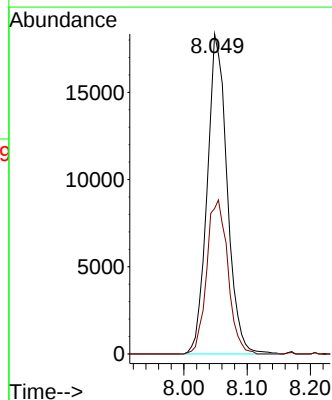
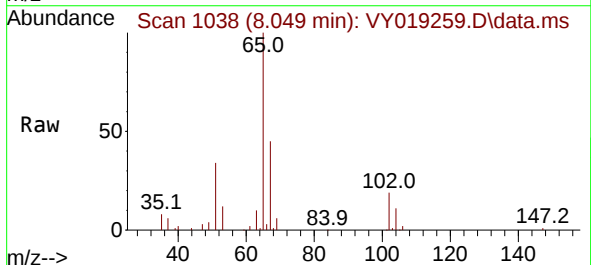
Instrument :
MSVOA_Y
ClientSampleId :
919-J-SD-0-0.5-1-081624

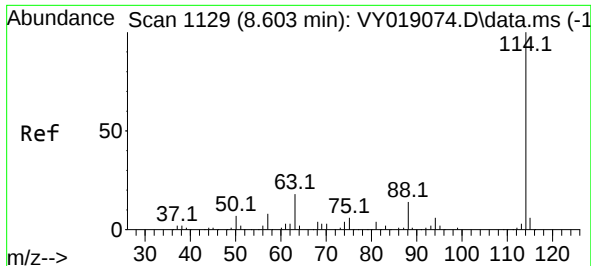
Tgt Ion: 43 Resp: 4192
Ion Ratio Lower Upper
43 100
72 27.9 27.3 40.9



#33
1,2-Dichloroethane-d4
Concen: 49.389 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY019259.D
Acq: 23 Aug 2024 15:53

Tgt Ion: 65 Resp: 40223
Ion Ratio Lower Upper
65 100
67 51.0 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY019259.D

Acq: 23 Aug 2024 15:53

Instrument :

MSVOA_Y

ClientSampleId :

919-J-SD-0-0.5-1-081624

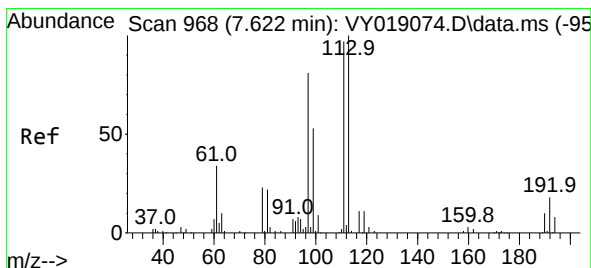
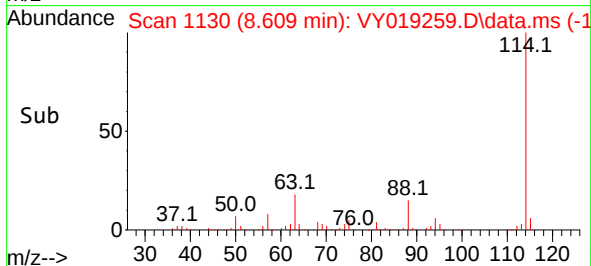
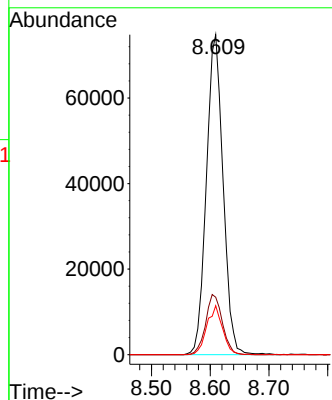
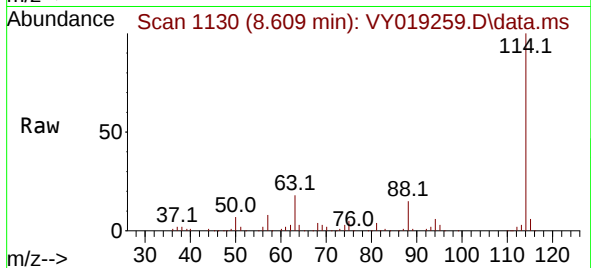
Tgt Ion:114 Resp: 147764

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

88 15.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 46.373 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY019259.D

Acq: 23 Aug 2024 15:53

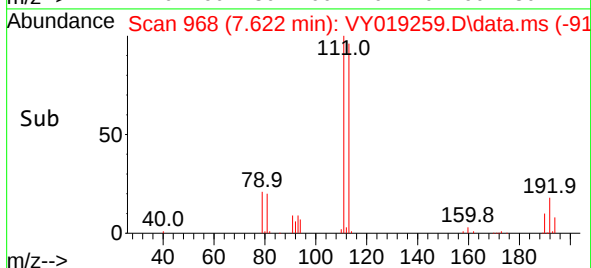
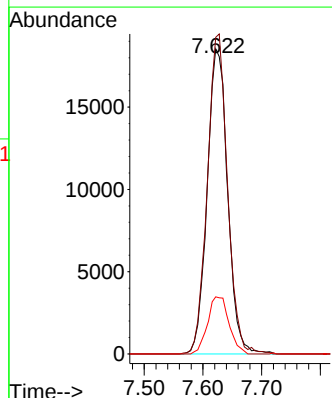
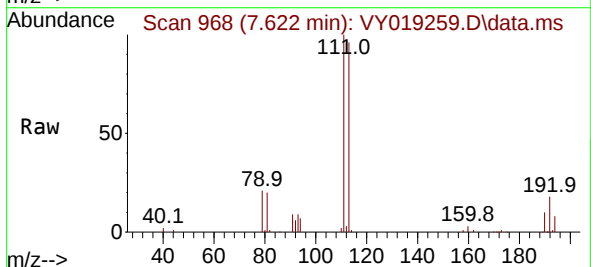
Tgt Ion:113 Resp: 44804

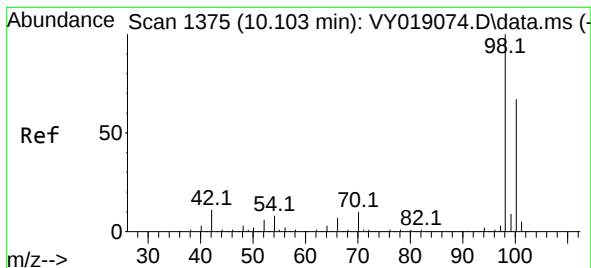
Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.4

192 19.6 15.9 23.9





#50

Toluene-d8

Concen: 47.340 ug/l

RT: 10.103 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019259.D

Acq: 23 Aug 2024 15:53

Instrument :

MSVOA_Y

ClientSampleId :

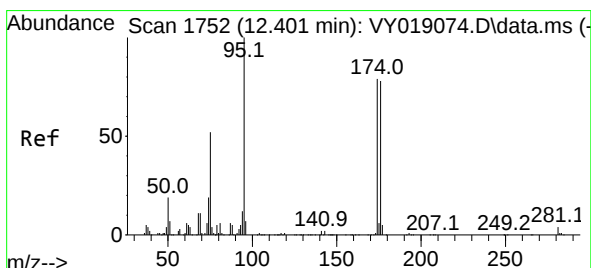
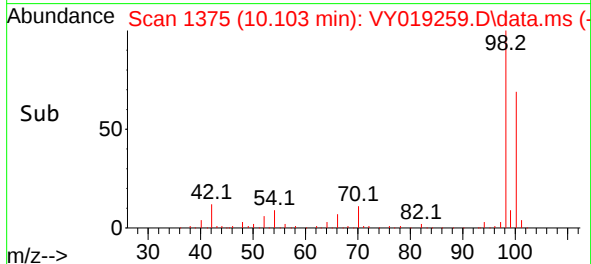
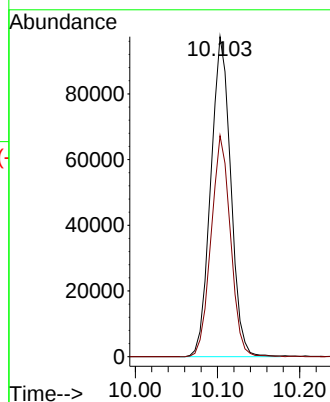
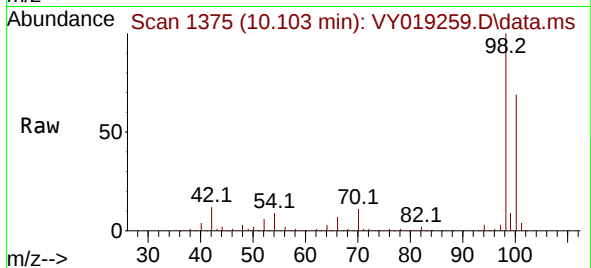
919-J-SD-0-0.5-1-081624

Tgt Ion: 98 Resp: 164598

Ion Ratio Lower Upper

98 100

100 67.0 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 39.875 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019259.D

Acq: 23 Aug 2024 15:53

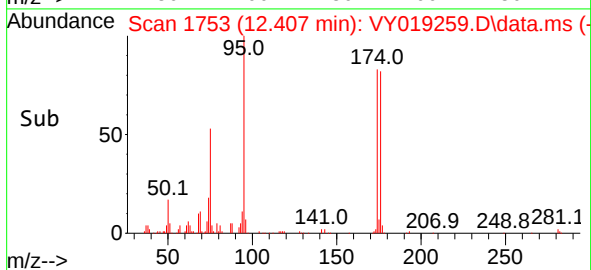
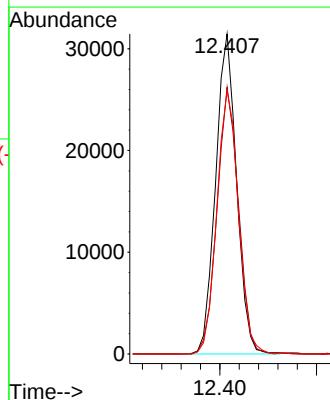
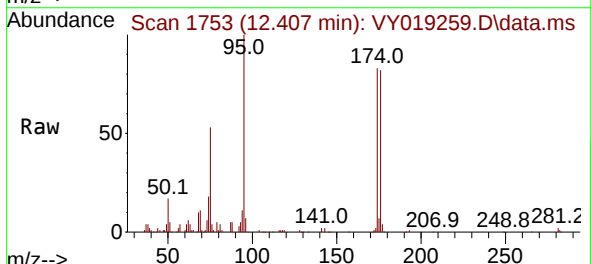
Tgt Ion: 95 Resp: 47263

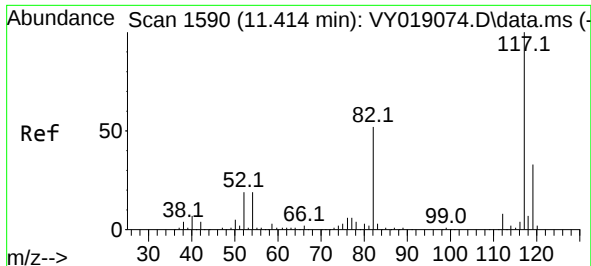
Ion Ratio Lower Upper

95 100

174 85.3 0.0 175.6

176 84.9 0.0 171.4

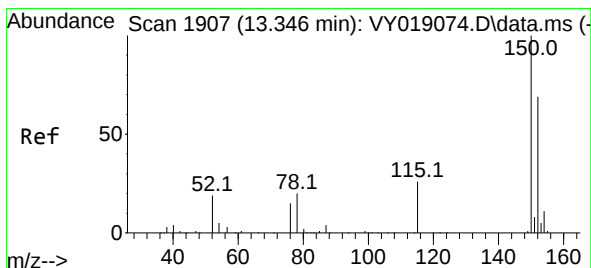
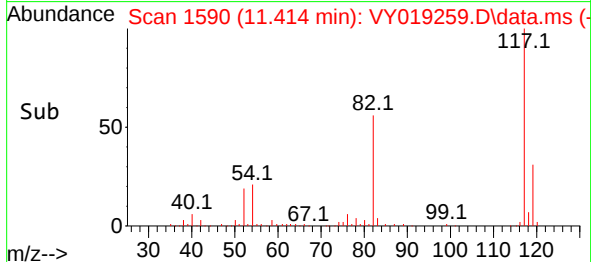
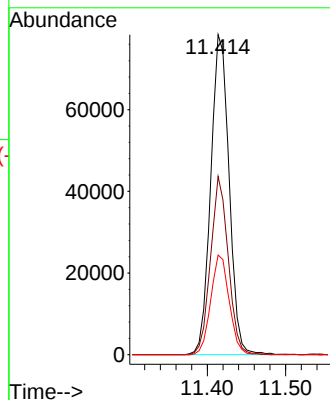
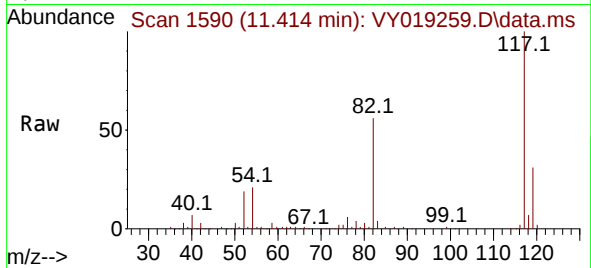




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY019259.D
Acq: 23 Aug 2024 15:53

Instrument :
MSVOA_Y
ClientSampleId :
919-J-SD-0-0.5-1-081624

Tgt Ion:117 Resp: 127463
Ion Ratio Lower Upper
117 100
82 55.7 42.4 63.6
119 31.1 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019259.D
Acq: 23 Aug 2024 15:53

Tgt Ion:152 Resp: 43462
Ion Ratio Lower Upper
152 100
115 55.4 28.2 84.7
150 157.1 0.0 345.6

