

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082124\
 Data File : VY019196.D
 Acq On : 22 Aug 2024 03:45
 Operator : SY/MD
 Sample : P3671-02
 Misc : 8.24g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-904-J-SO-0.5-1.0-081924

Quant Time: Aug 22 04:43:39 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)

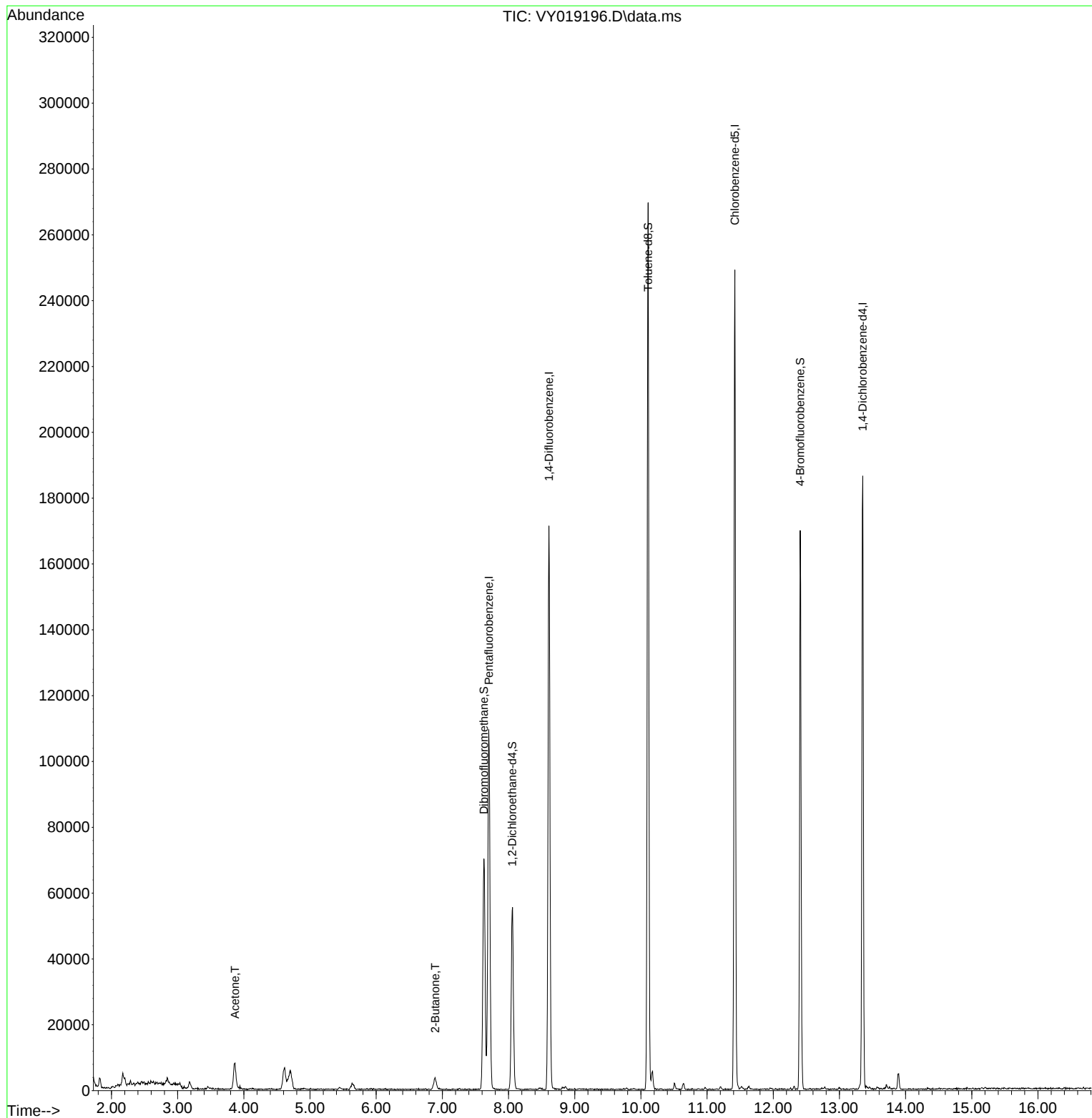
Internal Standards						
1) Pentafluorobenzene	7.701	168	85411	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	153318	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	135667	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	47587	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	43345	50.626	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.260%
35) Dibromofluoromethane	7.628	113	49273	49.151	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.300%
50) Toluene-d8	10.109	98	170328	47.214	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.420%
62) 4-Bromofluorobenzene	12.408	95	49396	40.165	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	80.340%
Target Compounds						Qvalue
16) Acetone	3.866	43	13742	86.547	ug/l	91
25) 2-Butanone	6.890	43	4420	17.285	ug/l #	76

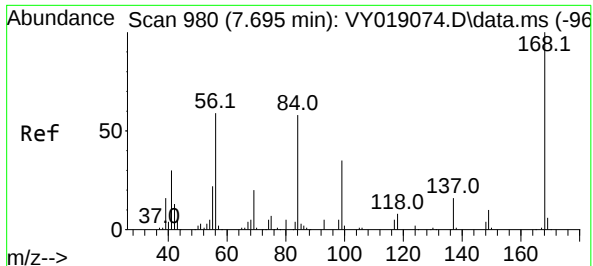
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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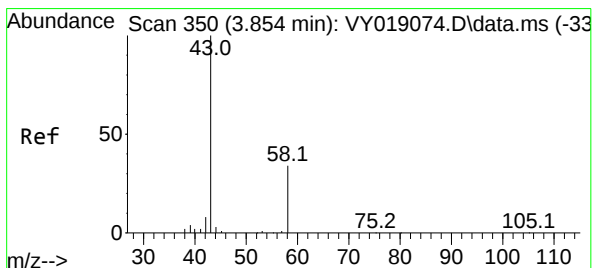
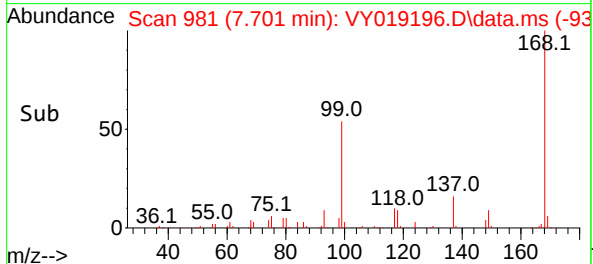
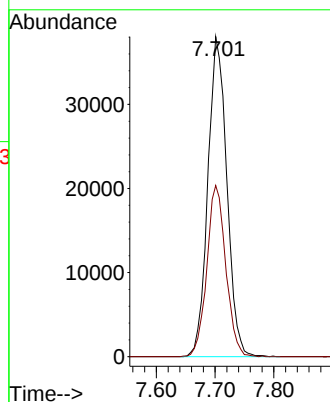
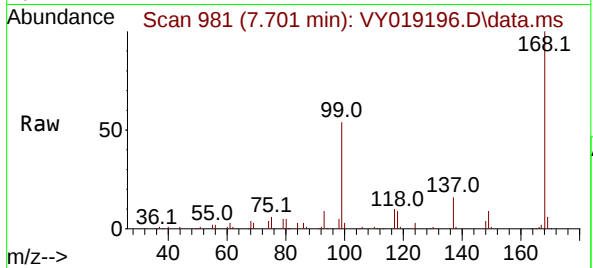




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019196.D
Acq: 22 Aug 2024 03:45

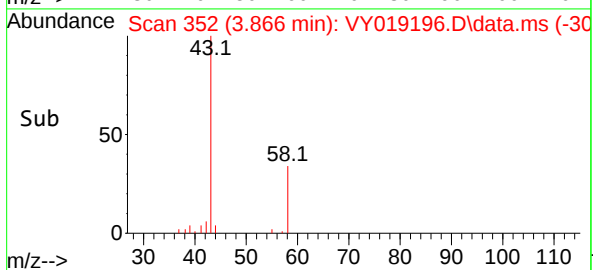
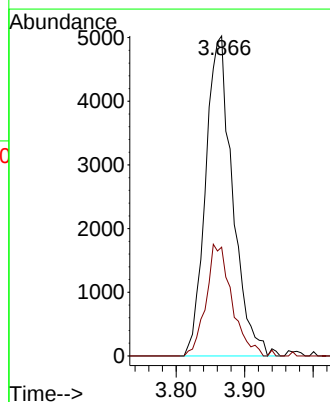
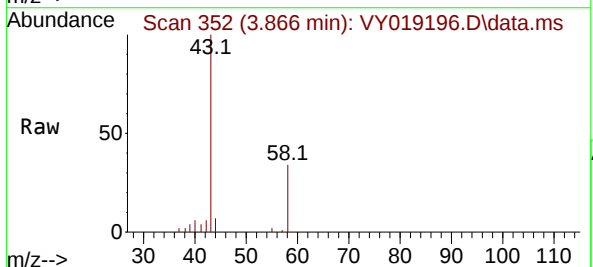
Instrument :
MSVOA_Y
ClientSampleId :
S-904-J-SO-0.5-1.0-081924

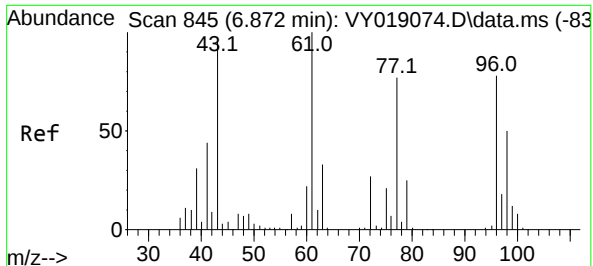
Tgt Ion:168 Resp: 85411
Ion Ratio Lower Upper
168 100
99 53.5 39.1 58.7



#16
Acetone
Concen: 86.547 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY019196.D
Acq: 22 Aug 2024 03:45

Tgt Ion: 43 Resp: 13742
Ion Ratio Lower Upper
43 100
58 34.0 31.7 47.5





#25

2-Butanone

Concen: 17.285 ug/l

RT: 6.890 min Scan# 845

Delta R.T. 0.019 min

Lab File: VY019196.D

Acq: 22 Aug 2024 03:45

Instrument :

MSVOA_Y

ClientSampleId :

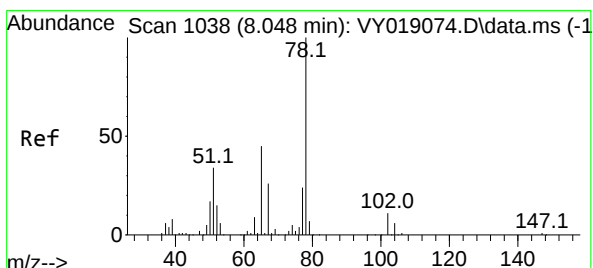
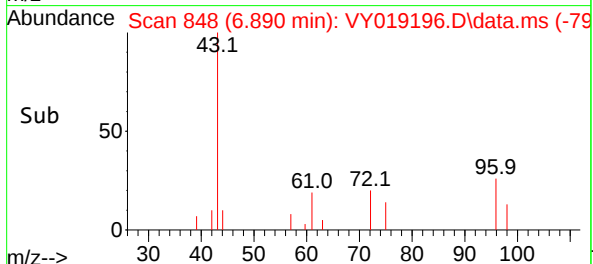
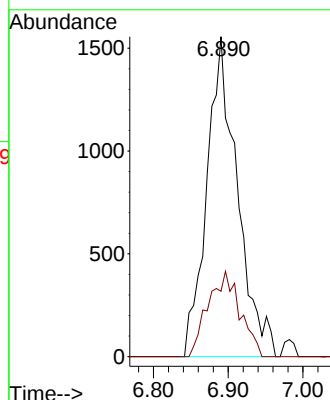
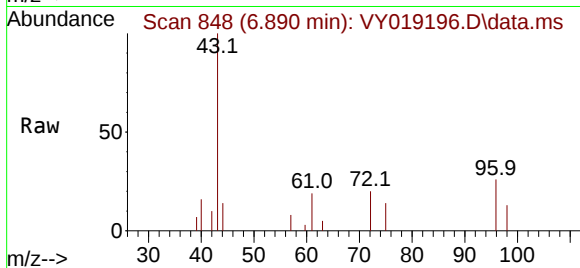
S-904-J-SO-0.5-1.0-081924

Tgt Ion: 43 Resp: 4420

Ion Ratio Lower Upper

43 100

72 20.4 27.3 40.9#



#33

1,2-Dichloroethane-d4

Concen: 50.626 ug/l

RT: 8.055 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY019196.D

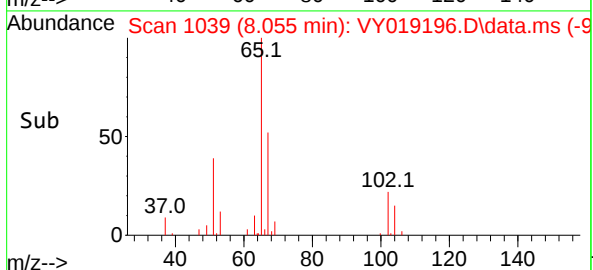
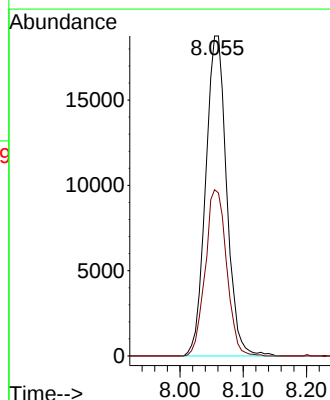
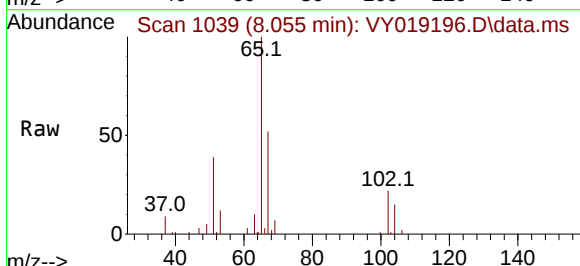
Acq: 22 Aug 2024 03:45

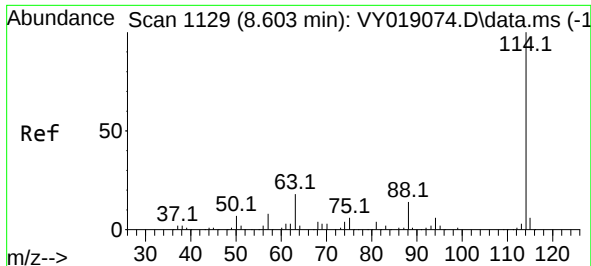
Tgt Ion: 65 Resp: 43345

Ion Ratio Lower Upper

65 100

67 52.7 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: VY019196.D

Acq: 22 Aug 2024 03:45

Instrument :

MSVOA_Y

ClientSampleId :

S-904-J-SO-0.5-1.0-081924

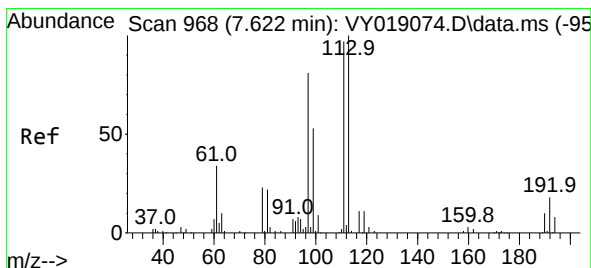
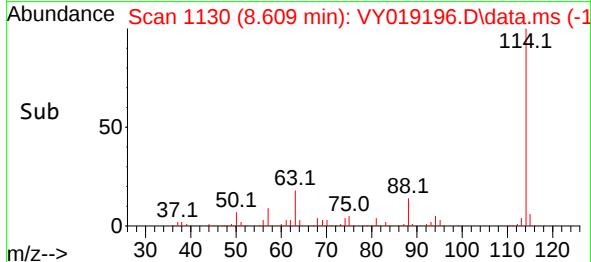
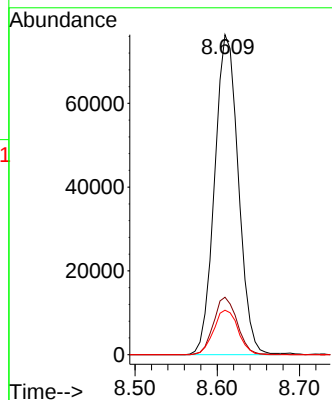
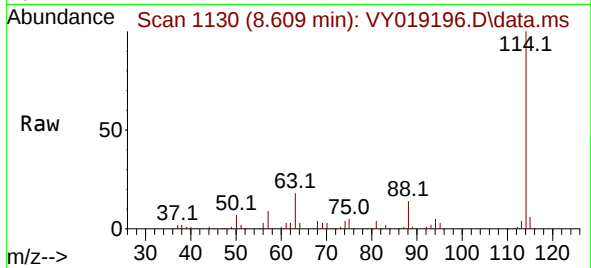
Tgt Ion:114 Resp: 153318

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

88 13.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.151 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY019196.D

Acq: 22 Aug 2024 03:45

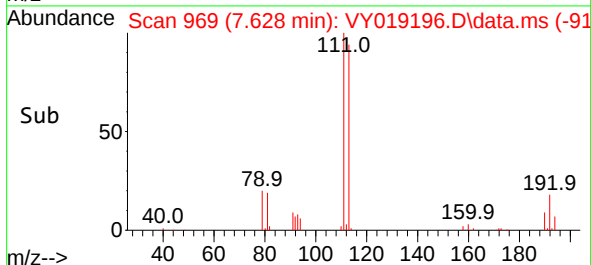
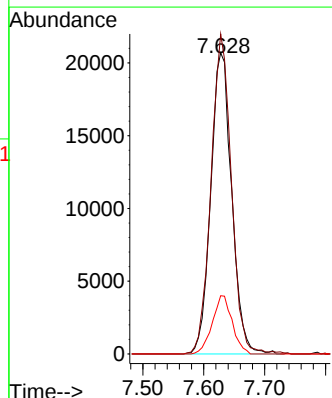
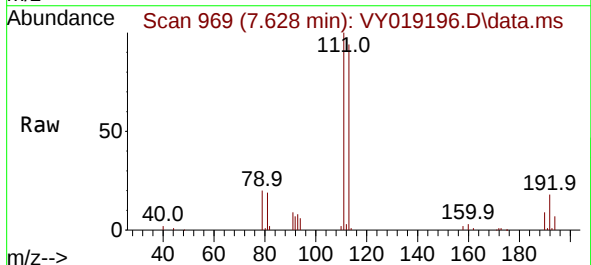
Tgt Ion:113 Resp: 49273

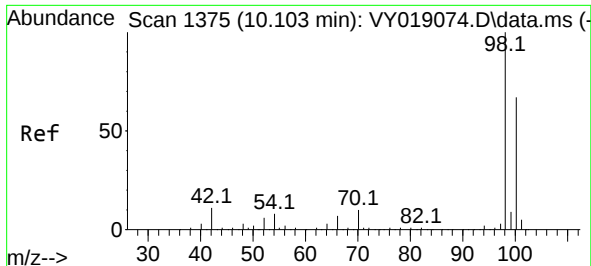
Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.4

192 18.4 15.9 23.9

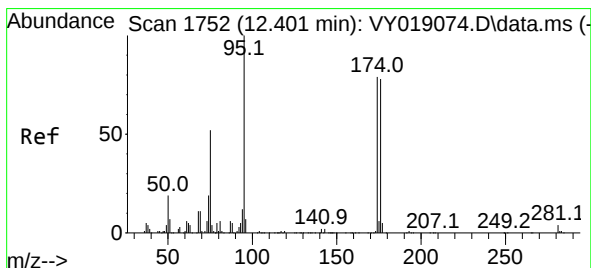
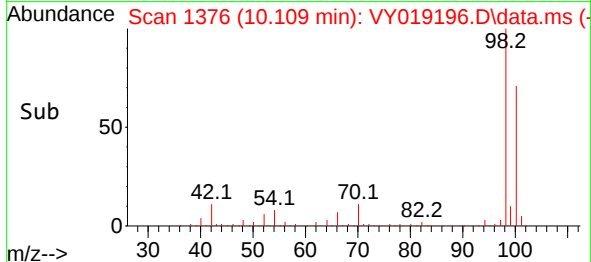
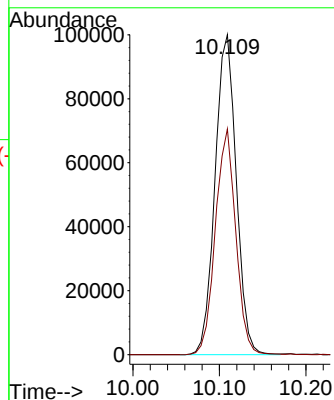
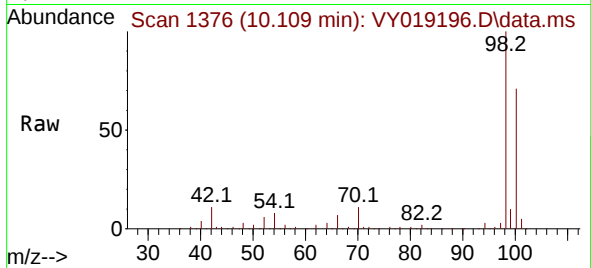




#50
Toluene-d8
Concen: 47.214 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019196.D
Acq: 22 Aug 2024 03:45

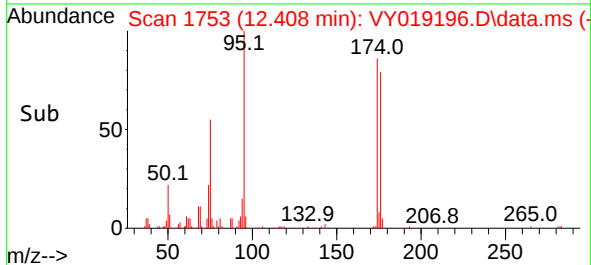
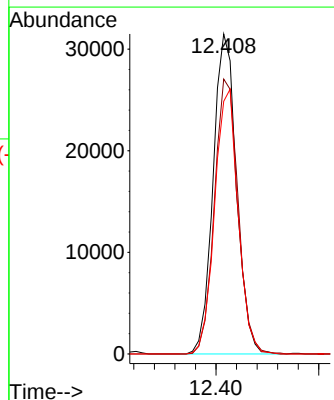
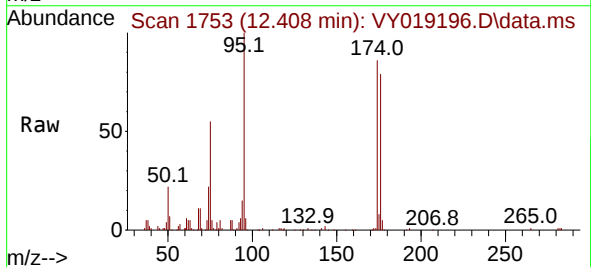
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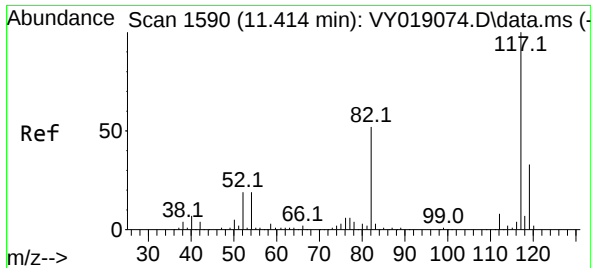
Tgt Ion: 98 Resp: 170328
Ion Ratio Lower Upper
98 100
100 68.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 40.165 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019196.D
Acq: 22 Aug 2024 03:45

Tgt Ion: 95 Resp: 49396
Ion Ratio Lower Upper
95 100
174 87.6 0.0 175.6
176 83.2 0.0 171.4

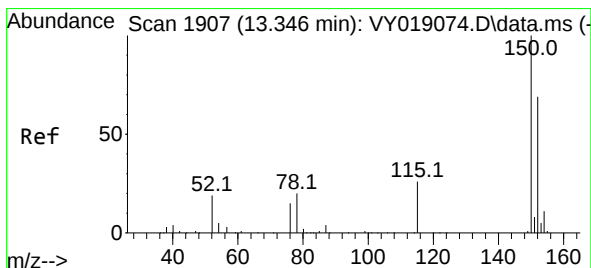
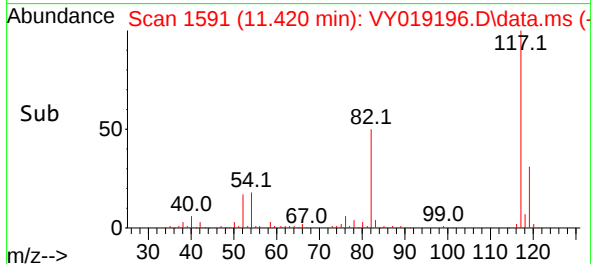
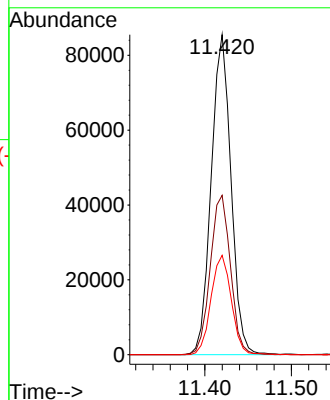
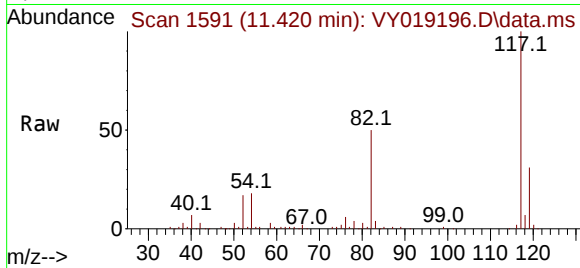




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY019196.D
Acq: 22 Aug 2024 03:45

Instrument :
MSVOA_Y
ClientSampleId :
S-904-J-SO-0.5-1.0-081924

Tgt Ion:117 Resp: 135667
Ion Ratio Lower Upper
117 100
82 49.8 42.4 63.6
119 31.1 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY019196.D
Acq: 22 Aug 2024 03:45

Tgt Ion:152 Resp: 47587
Ion Ratio Lower Upper
152 100
115 57.2 28.2 84.7
150 154.5 0.0 345.6

