

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082324\
 Data File : VY019260.D
 Acq On : 23 Aug 2024 16:18
 Operator : SY/MD
 Sample : P3663-12
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Aug 23 22:59:02 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)

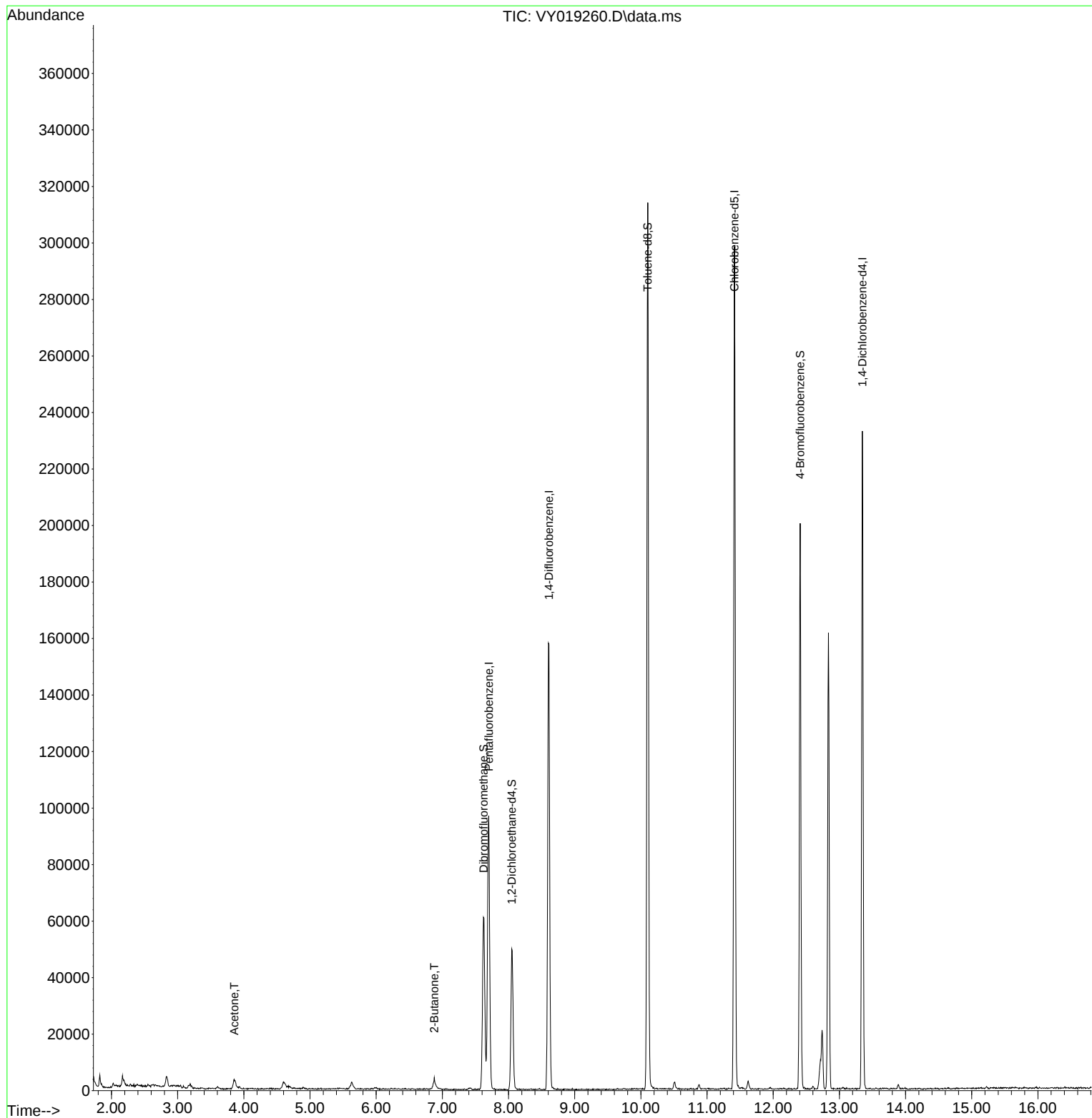
Internal Standards						
1) Pentafluorobenzene	7.701	168	75811	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	141443	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	161280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	59067	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	38852	51.125	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.240%	
35) Dibromofluoromethane	7.622	113	44469	48.083	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.160%	
50) Toluene-d8	10.103	98	203310	61.088	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 122.180%	
62) 4-Bromofluorobenzene	12.408	95	59372	52.330	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 104.660%	
Target Compounds						Qvalue
16) Acetone	3.854	43	6008	42.630	ug/l #	86
25) 2-Butanone	6.878	43	2546	11.217	ug/l #	78

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

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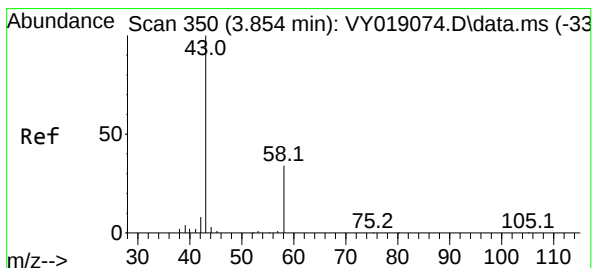
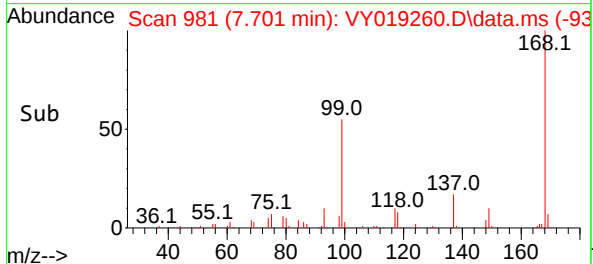
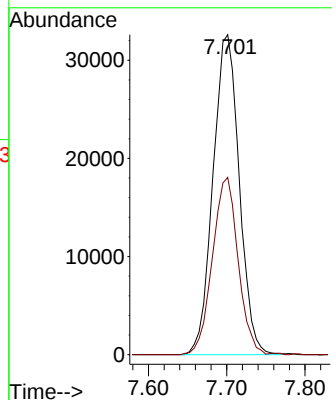
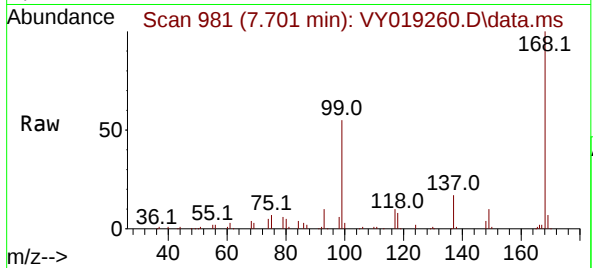




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019260.D
Acq: 23 Aug 2024 16:18

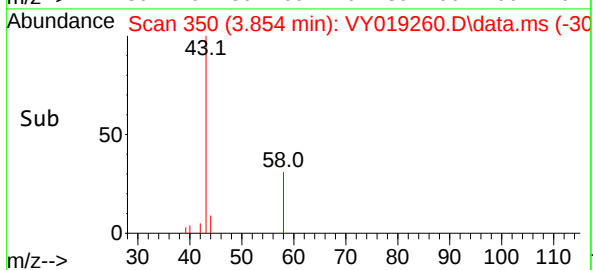
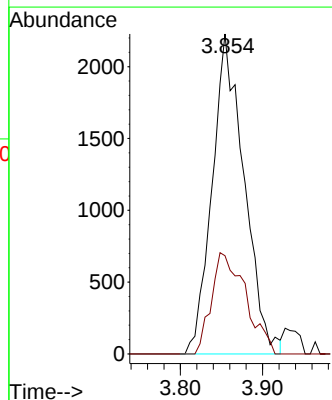
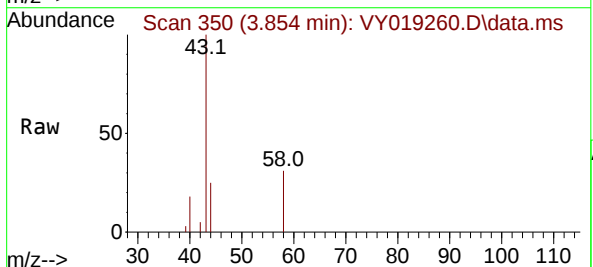
Instrument :
MSVOA_Y
ClientSampleId :
919-J-SD-0.5-1-081624

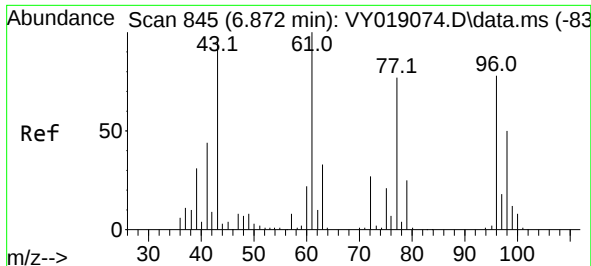
Tgt Ion:168 Resp: 75811
Ion Ratio Lower Upper
168 100
99 55.4 39.1 58.7



#16
Acetone
Concen: 42.630 ug/l
RT: 3.854 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY019260.D
Acq: 23 Aug 2024 16:18

Tgt Ion: 43 Resp: 6008
Ion Ratio Lower Upper
43 100
58 30.7 31.7 47.5#





#25

2-Butanone

Concen: 11.217 ug/l

RT: 6.878 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY019260.D

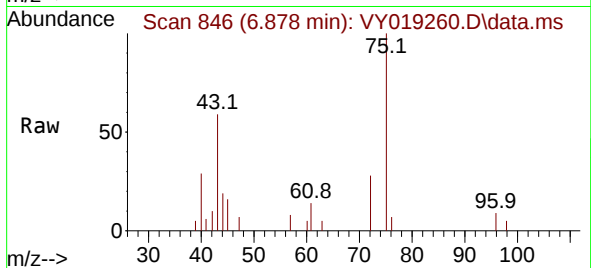
Acq: 23 Aug 2024 16:18

Instrument :

MSVOA_Y

ClientSampleId :

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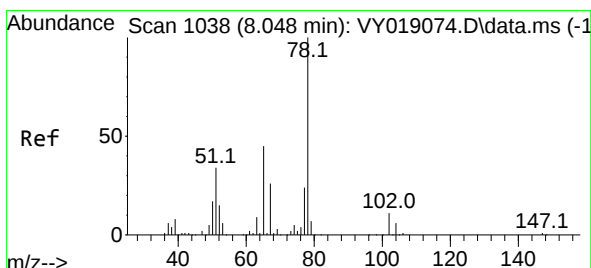
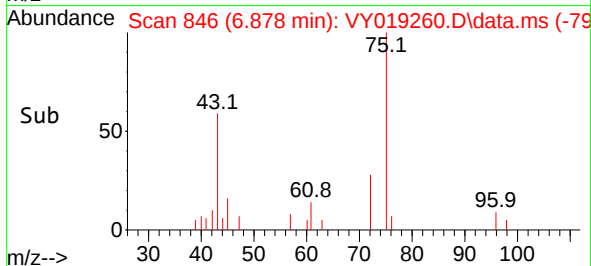
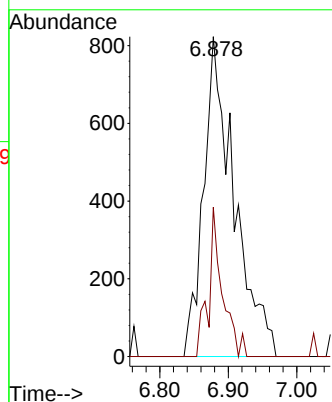


Tgt Ion: 43 Resp: 2546

Ion Ratio Lower Upper

43 100

72 46.7 27.3 40.9#



#33

1,2-Dichloroethane-d4

Concen: 51.125 ug/l

RT: 8.049 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY019260.D

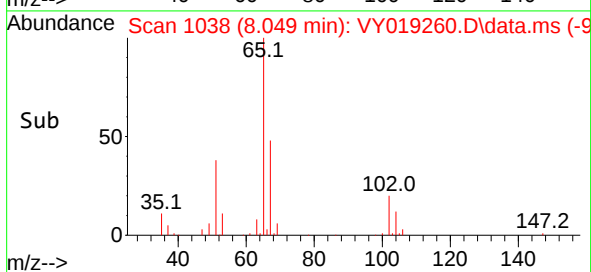
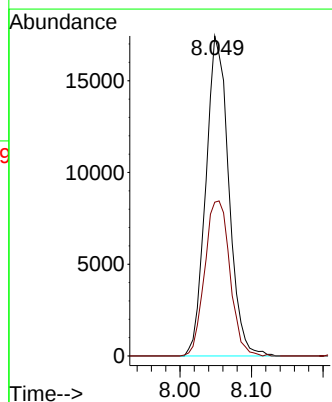
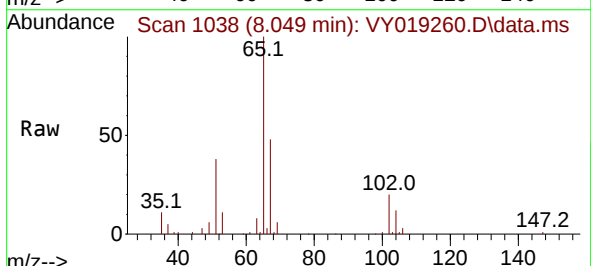
Acq: 23 Aug 2024 16:18

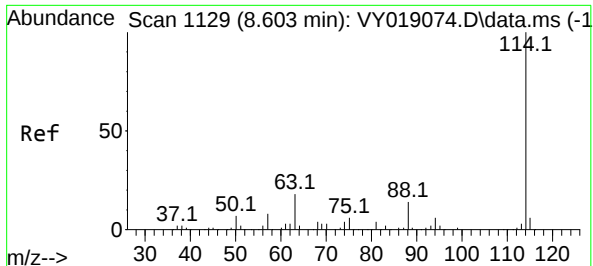
Tgt Ion: 65 Resp: 38852

Ion Ratio Lower Upper

65 100

67 53.1 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019260.D

Acq: 23 Aug 2024 16:18

Instrument :

MSVOA_Y

ClientSampleId :

919-J-SD-0.5-1-081624

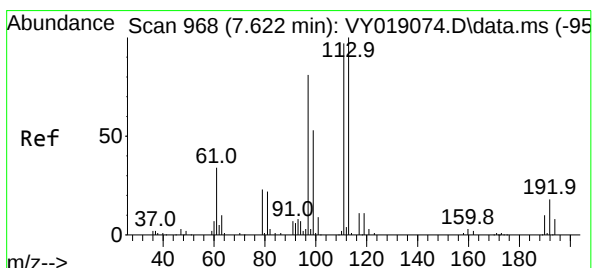
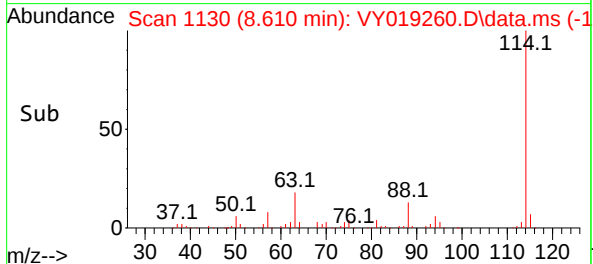
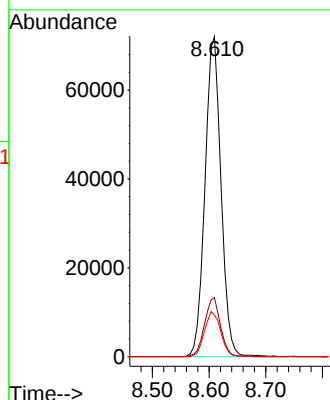
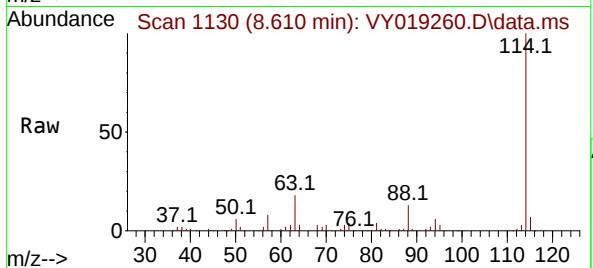
Tgt Ion:114 Resp: 141443

Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.0

88 12.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.083 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY019260.D

Acq: 23 Aug 2024 16:18

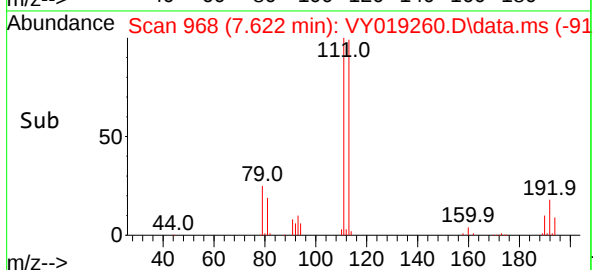
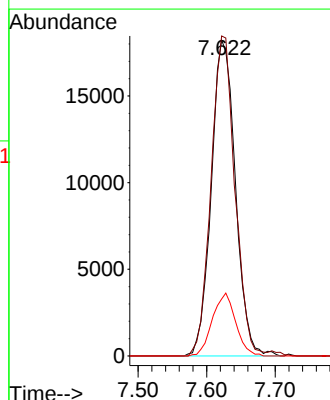
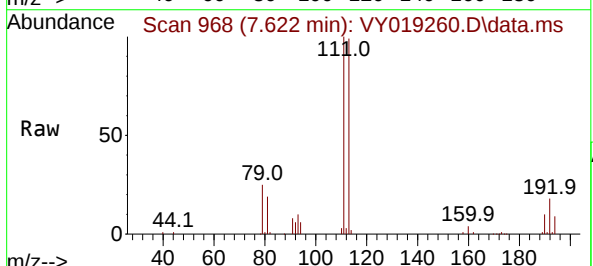
Tgt Ion:113 Resp: 44469

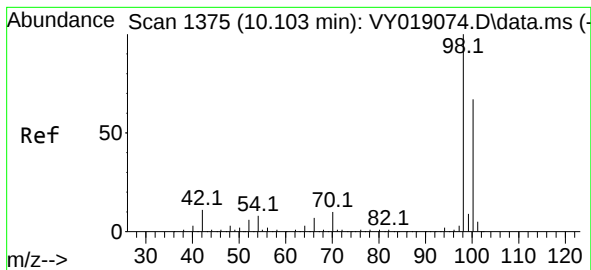
Ion Ratio Lower Upper

113 100

111 100.3 82.2 123.4

192 19.2 15.9 23.9

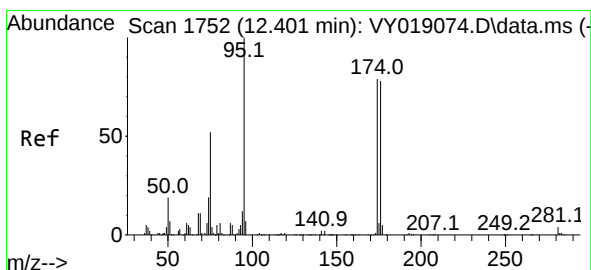
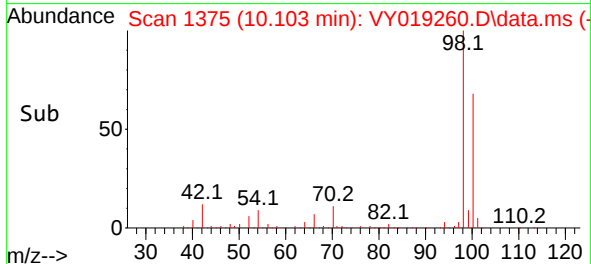
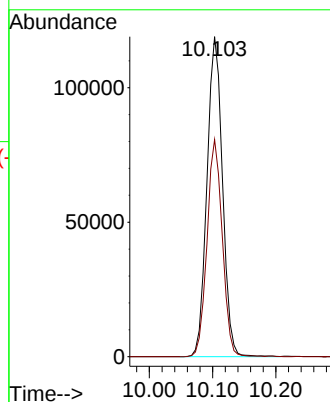
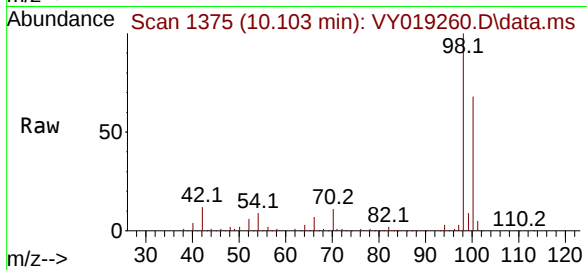




#50
Toluene-d8
Concen: 61.088 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019260.D
Acq: 23 Aug 2024 16:18

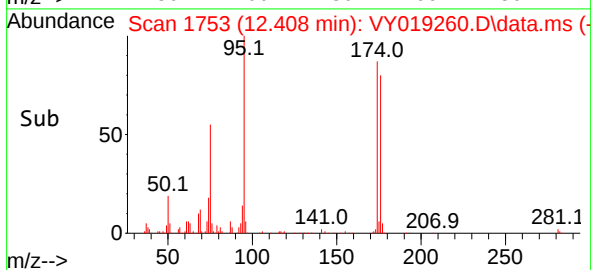
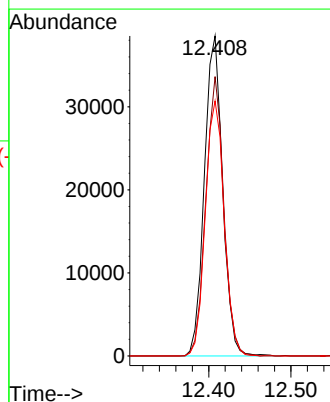
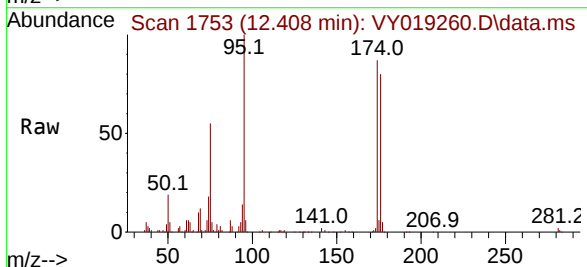
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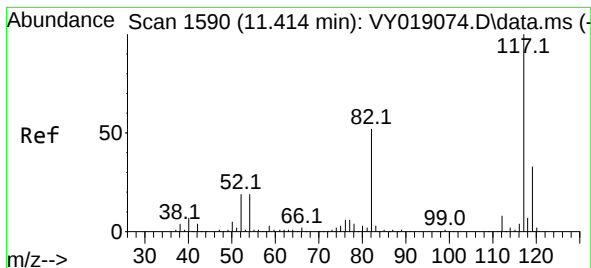
Tgt Ion: 98 Resp: 203310
Ion Ratio Lower Upper
98 100
100 66.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 52.330 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019260.D
Acq: 23 Aug 2024 16:18

Tgt Ion: 95 Resp: 59372
Ion Ratio Lower Upper
95 100
174 86.5 0.0 175.6
176 82.3 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019260.D

Acq: 23 Aug 2024 16:18

Instrument :

MSVOA_Y

ClientSampleId :

919-J-SD-0.5-1-081624

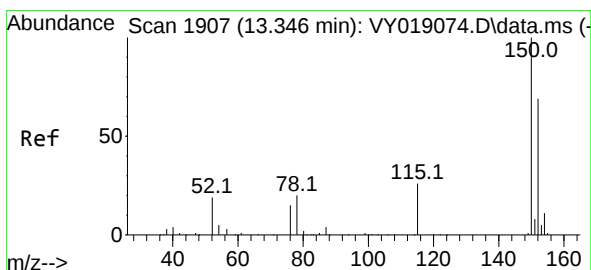
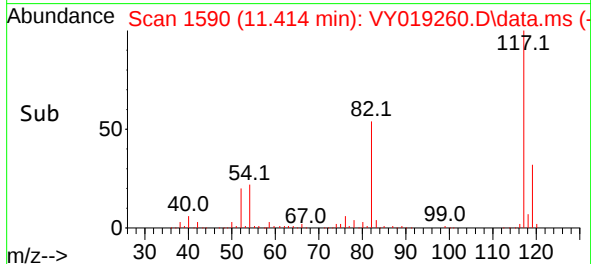
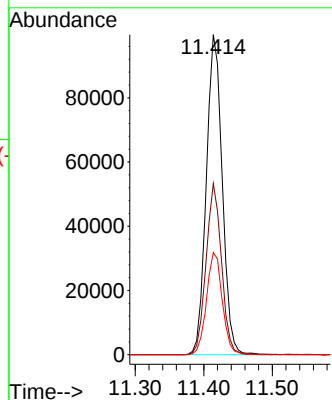
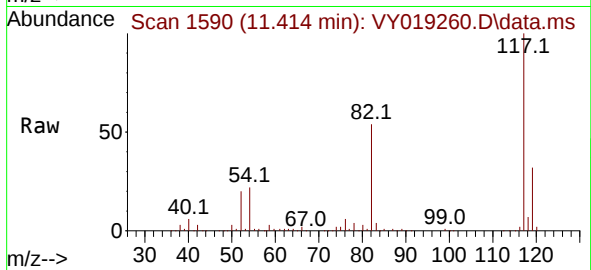
Tgt Ion:117 Resp: 161280

Ion Ratio Lower Upper

117 100

82 53.5 42.4 63.6

119 31.9 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: VY019260.D

Acq: 23 Aug 2024 16:18

Tgt Ion:152 Resp: 59067

Ion Ratio Lower Upper

152 100

115 56.4 28.2 84.7

150 158.1 0.0 345.6

