

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082324\
 Data File : VY019258.D
 Acq On : 23 Aug 2024 15:29
 Operator : SY/MD
 Sample : P3663-10
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Aug 23 22:58:22 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)

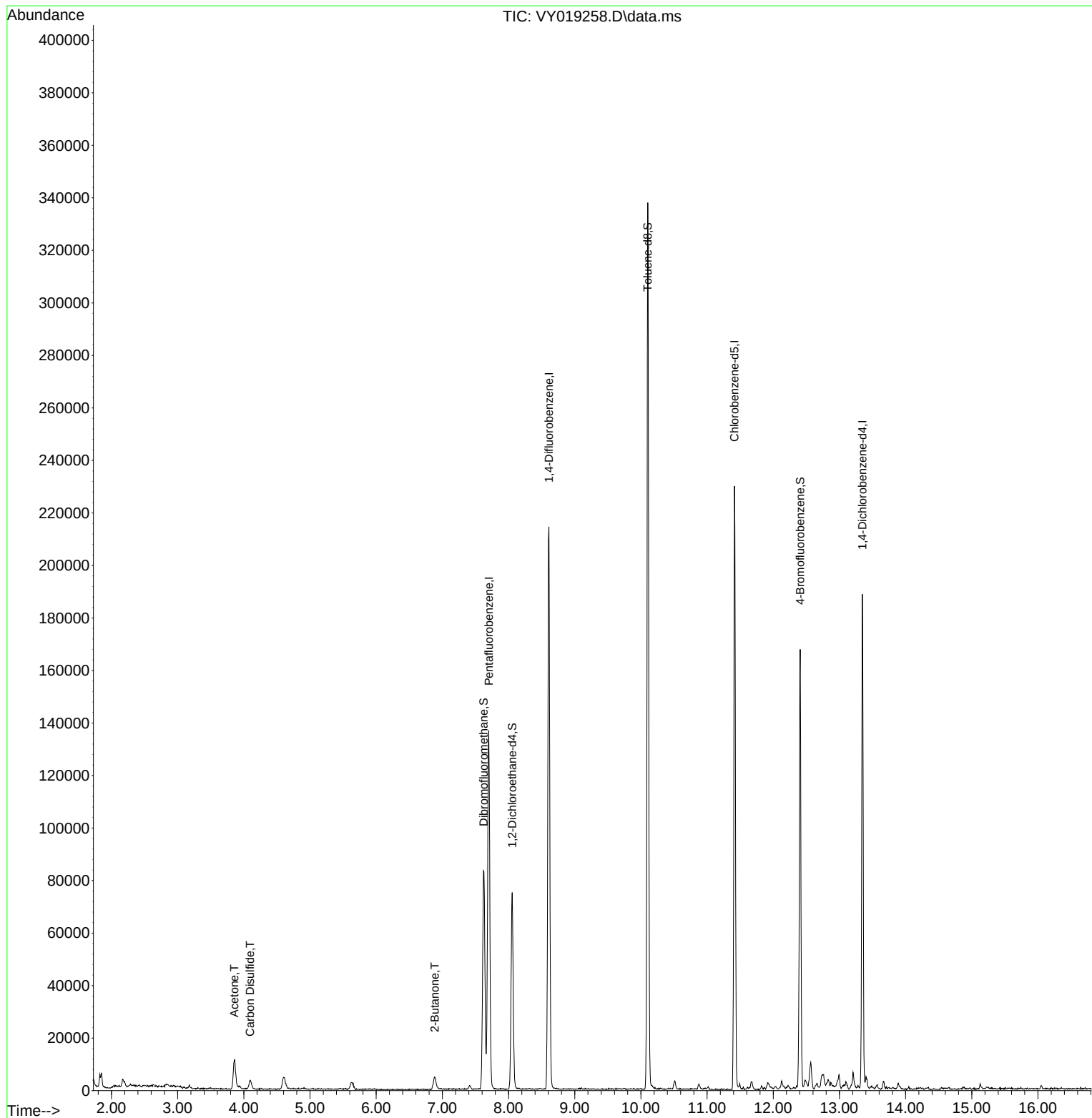
Internal Standards						
1) Pentafluorobenzene	7.701	168	106504	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	191325	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	126637	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	45723	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	57661	54.009	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.020%	
35) Dibromofluoromethane	7.622	113	60201	48.122	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.240%	
50) Toluene-d8	10.103	98	215241	47.811	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.620%	
62) 4-Bromofluorobenzene	12.408	95	47002	30.626	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 61.260%	
Target Compounds						
					Qvalue	
16) Acetone	3.854	43	18531	93.594	ug/l	88
17) Carbon Disulfide	4.092	76	6777	2.262	ug/l	97
25) 2-Butanone	6.884	43	5991	18.789	ug/l #	70

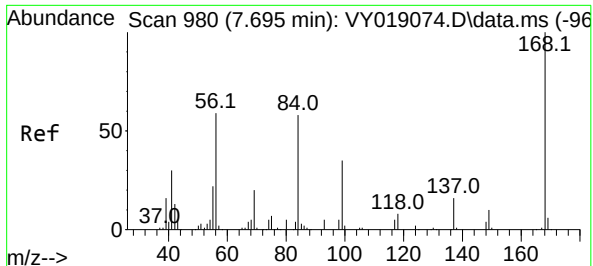
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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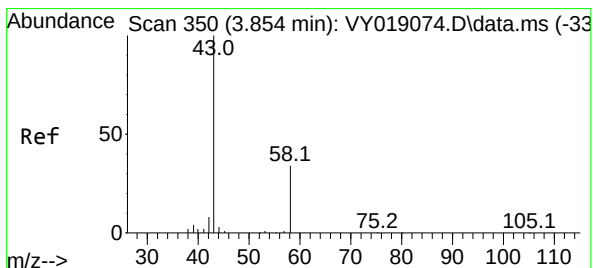
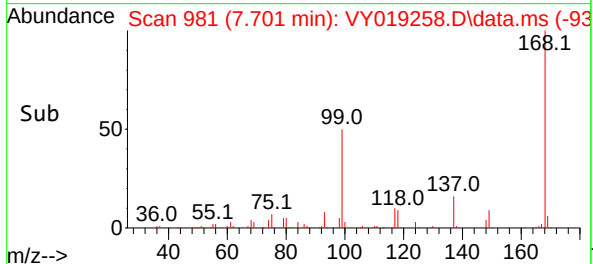
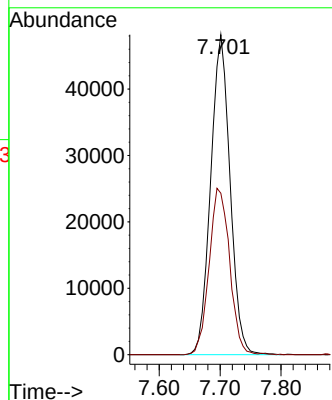
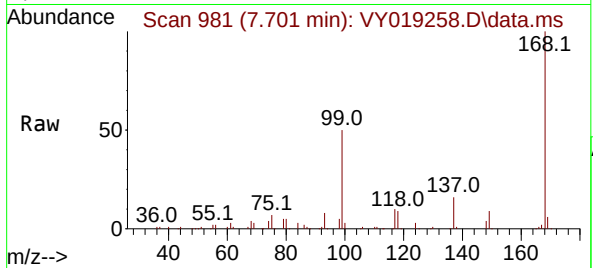




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019258.D
Acq: 23 Aug 2024 15:29

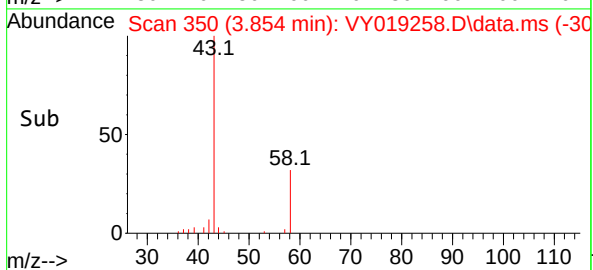
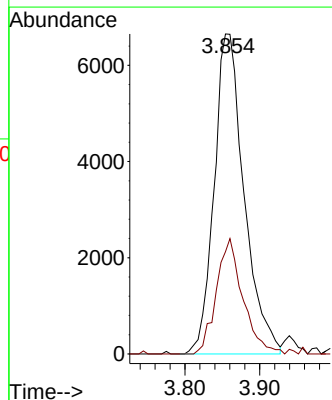
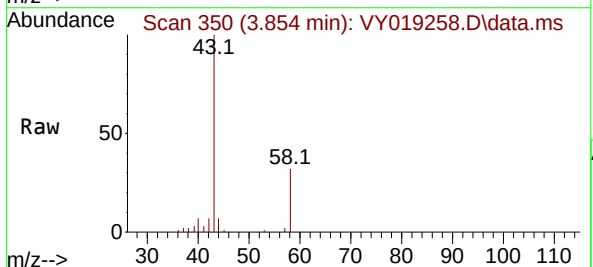
Instrument :
MSVOA_Y
ClientSampleId :
915-J-SD-0.5-1-081624

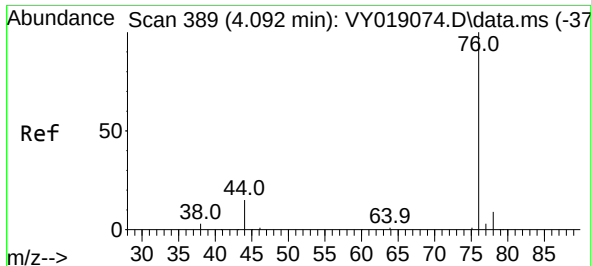
Tgt Ion:168 Resp: 106504
Ion Ratio Lower Upper
168 100
99 50.4 39.1 58.7



#16
Acetone
Concen: 93.594 ug/l
RT: 3.854 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY019258.D
Acq: 23 Aug 2024 15:29

Tgt Ion: 43 Resp: 18531
Ion Ratio Lower Upper
43 100
58 31.9 31.7 47.5

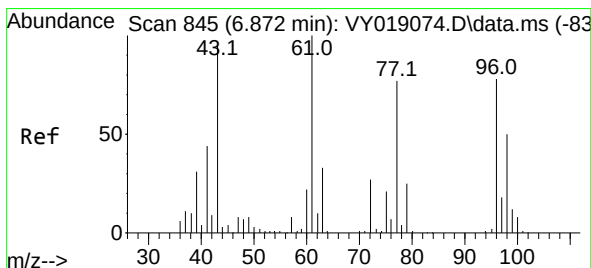
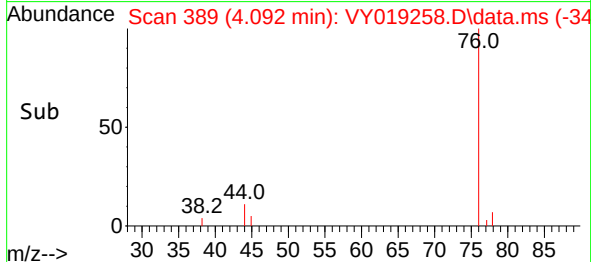
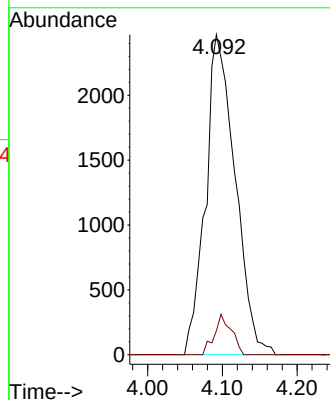
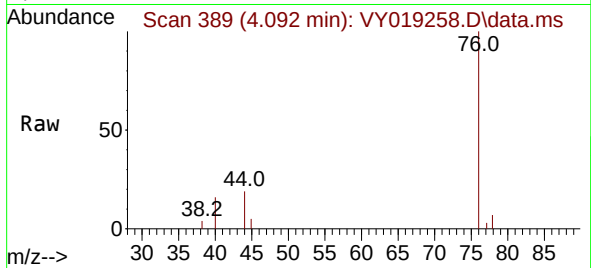




#17
Carbon Disulfide
Concen: 2.262 ug/l
RT: 4.092 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY019258.D
Acq: 23 Aug 2024 15:29

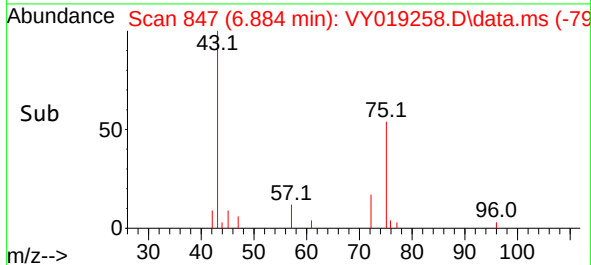
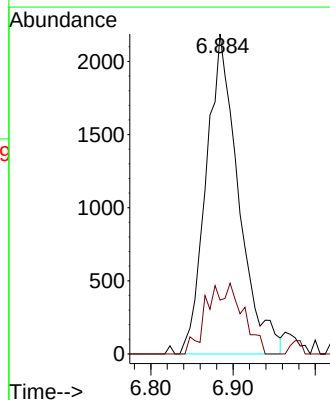
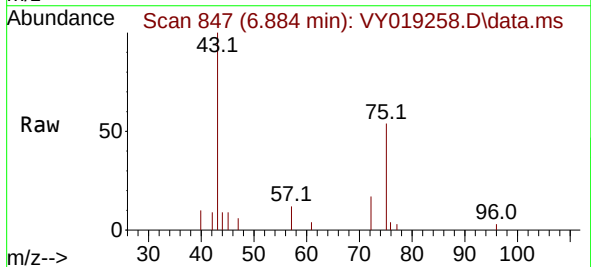
Instrument :
MSVOA_Y
ClientSampleId :
915-J-SD-0.5-1-081624

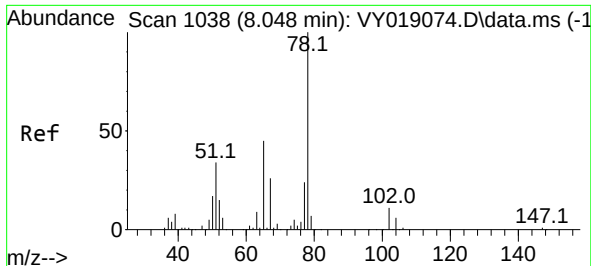
Tgt Ion: 76 Resp: 6777
Ion Ratio Lower Upper
76 100
78 7.5 6.8 10.2



#25
2-Butanone
Concen: 18.789 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.012 min
Lab File: VY019258.D
Acq: 23 Aug 2024 15:29

Tgt Ion: 43 Resp: 5991
Ion Ratio Lower Upper
43 100
72 16.8 27.3 40.9#





#33

1,2-Dichloroethane-d4

Concen: 54.009 ug/l

RT: 8.055 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY019258.D

Acq: 23 Aug 2024 15:29

Instrument :

MSVOA_Y

ClientSampleId :

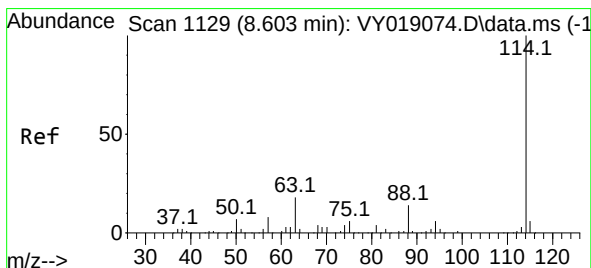
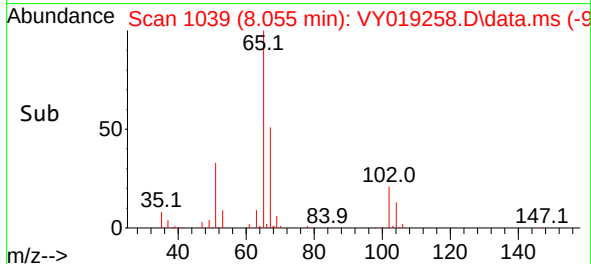
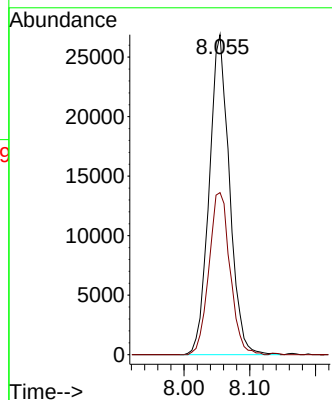
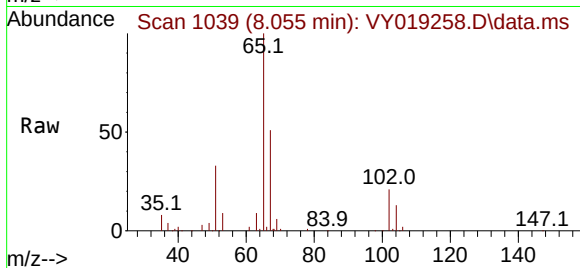
915-J-SD-0.5-1-081624

Tgt Ion: 65 Resp: 57661

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# 1130

Delta R.T. 0.006 min

Lab File: VY019258.D

Acq: 23 Aug 2024 15:29

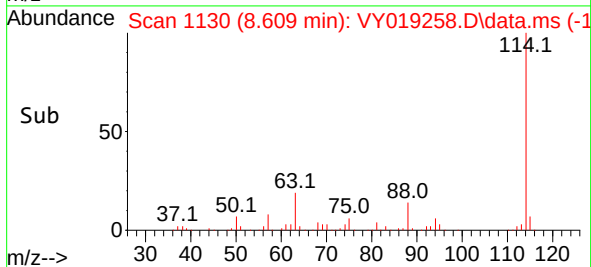
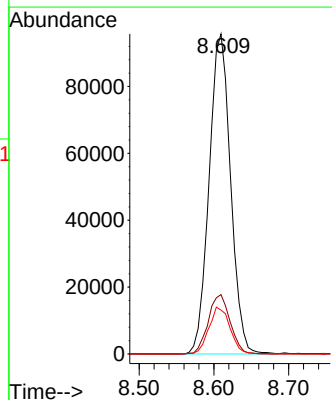
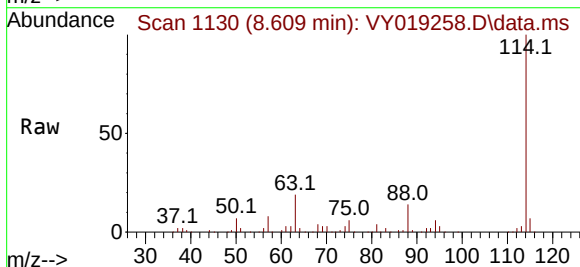
Tgt Ion: 114 Resp: 191325

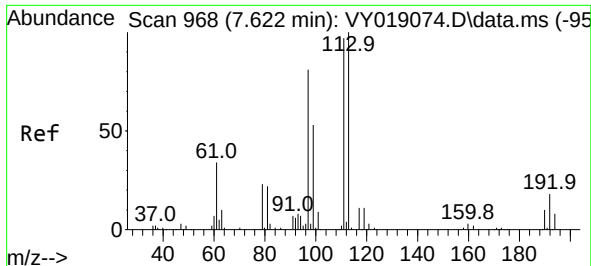
Ion Ratio Lower Upper

114 100

63 18.5 0.0 35.0

88 13.7 0.0 27.2

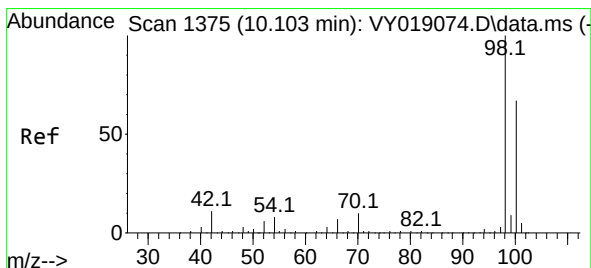
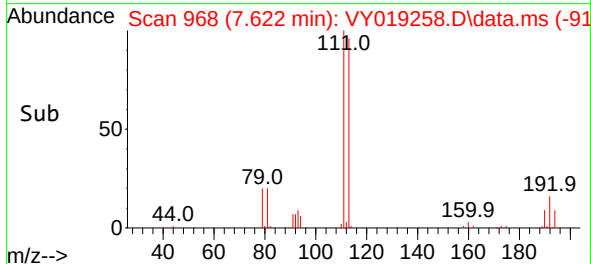
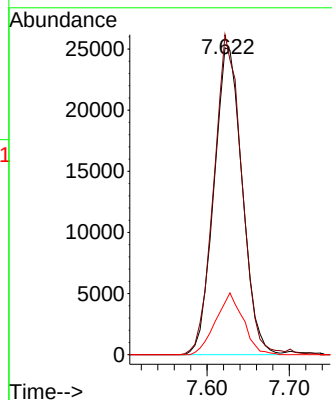
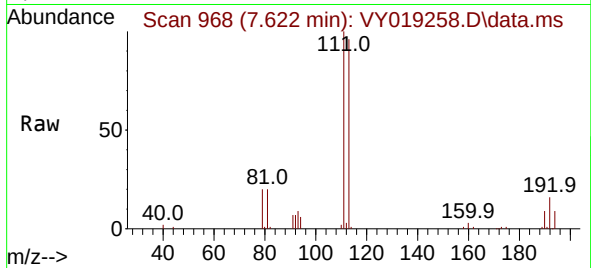




#35
Dibromofluoromethane
Concen: 48.122 ug/l
RT: 7.622 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019258.D
Acq: 23 Aug 2024 15:29

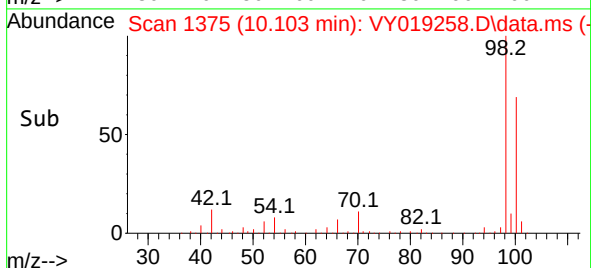
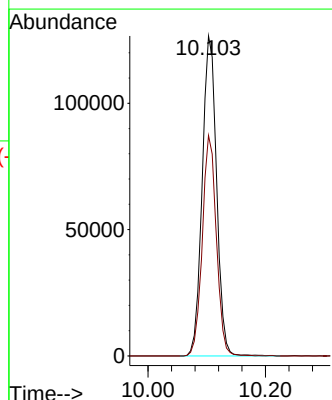
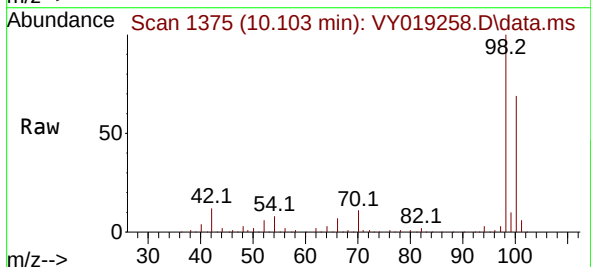
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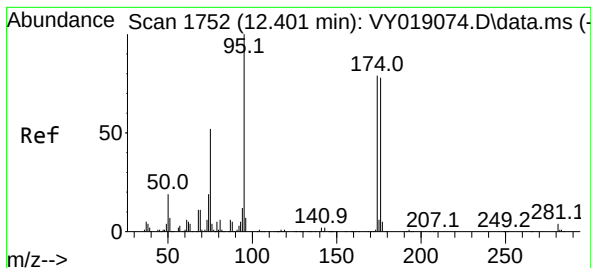
Tgt Ion:113 Resp: 60201
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.4
192 19.5 15.9 23.9



#50
Toluene-d8
Concen: 47.811 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019258.D
Acq: 23 Aug 2024 15:29

Tgt Ion: 98 Resp: 215241
Ion Ratio Lower Upper
98 100
100 67.4 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 30.626 ug/l

RT: 12.408 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019258.D

Acq: 23 Aug 2024 15:29

Instrument :

MSVOA_Y

ClientSampleId :

915-J-SD-0.5-1-081624

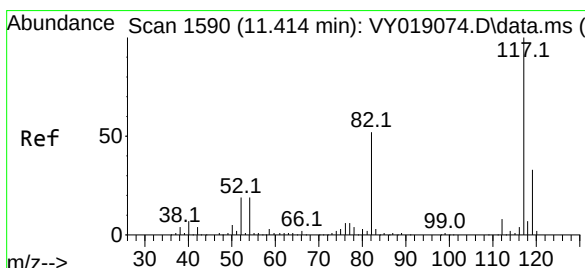
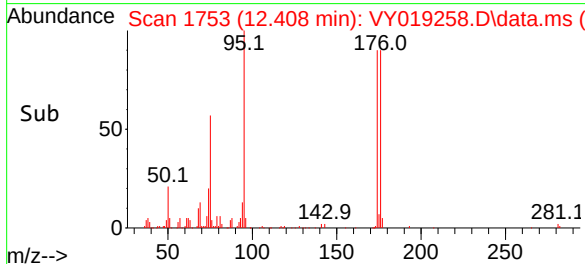
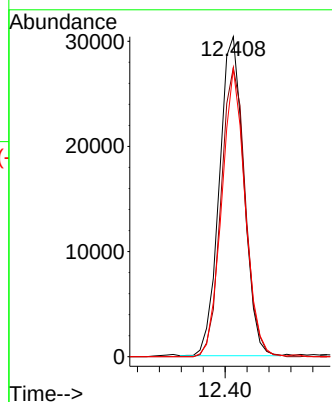
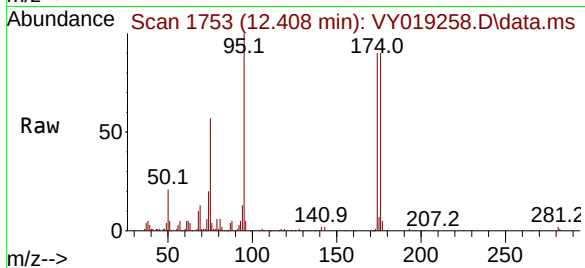
Tgt Ion: 95 Resp: 47002

Ion Ratio Lower Upper

95 100

174 90.2 0.0 175.6

176 86.3 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY019258.D

Acq: 23 Aug 2024 15:29

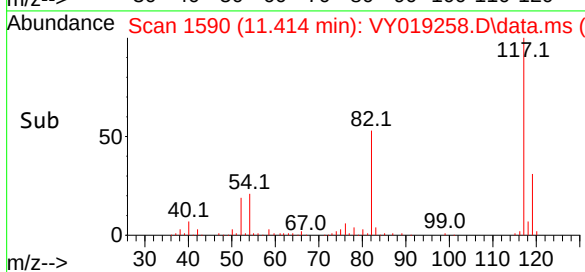
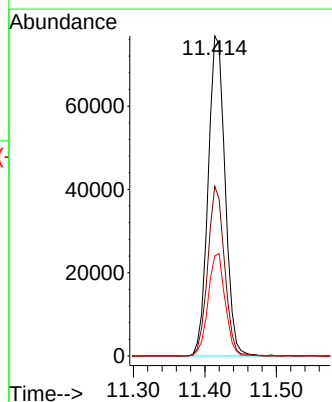
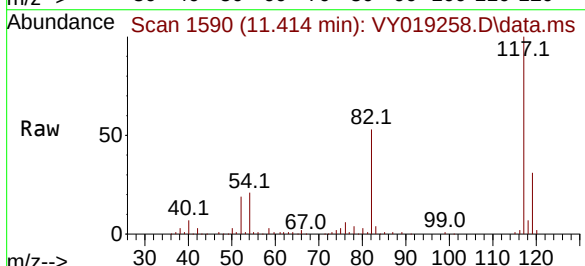
Tgt Ion: 117 Resp: 126637

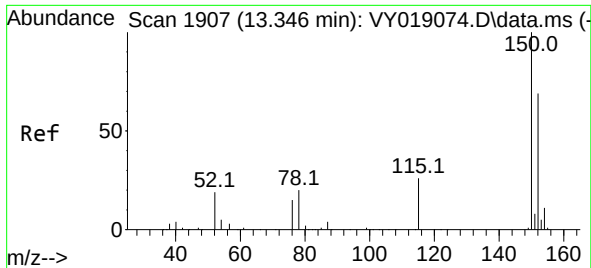
Ion Ratio Lower Upper

117 100

82 53.0 42.4 63.6

119 31.3 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: VY019258.D

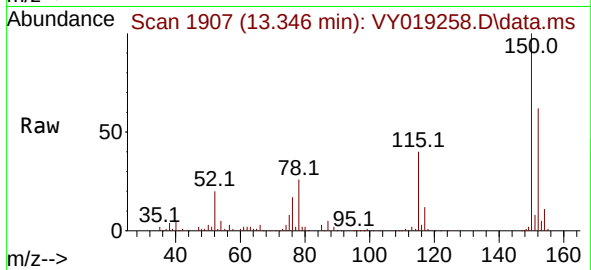
Acq: 23 Aug 2024 15:29

Instrument :

MSVOA_Y

ClientSampleId :

915-J-SD-0.5-1-081624



Tgt Ion:152 Resp: 45723

Ion Ratio Lower Upper

152 100

115 58.6 28.2 84.7

150 154.4 0.0 345.6

