

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081924\
 Data File : VY019130.D
 Acq On : 19 Aug 2024 20:40
 Operator : SY/MD
 Sample : P3641-06
 Misc : 7.30g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-909-K1-0.5-1.0-081524

Quant Time: Aug 20 01:51:08 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)

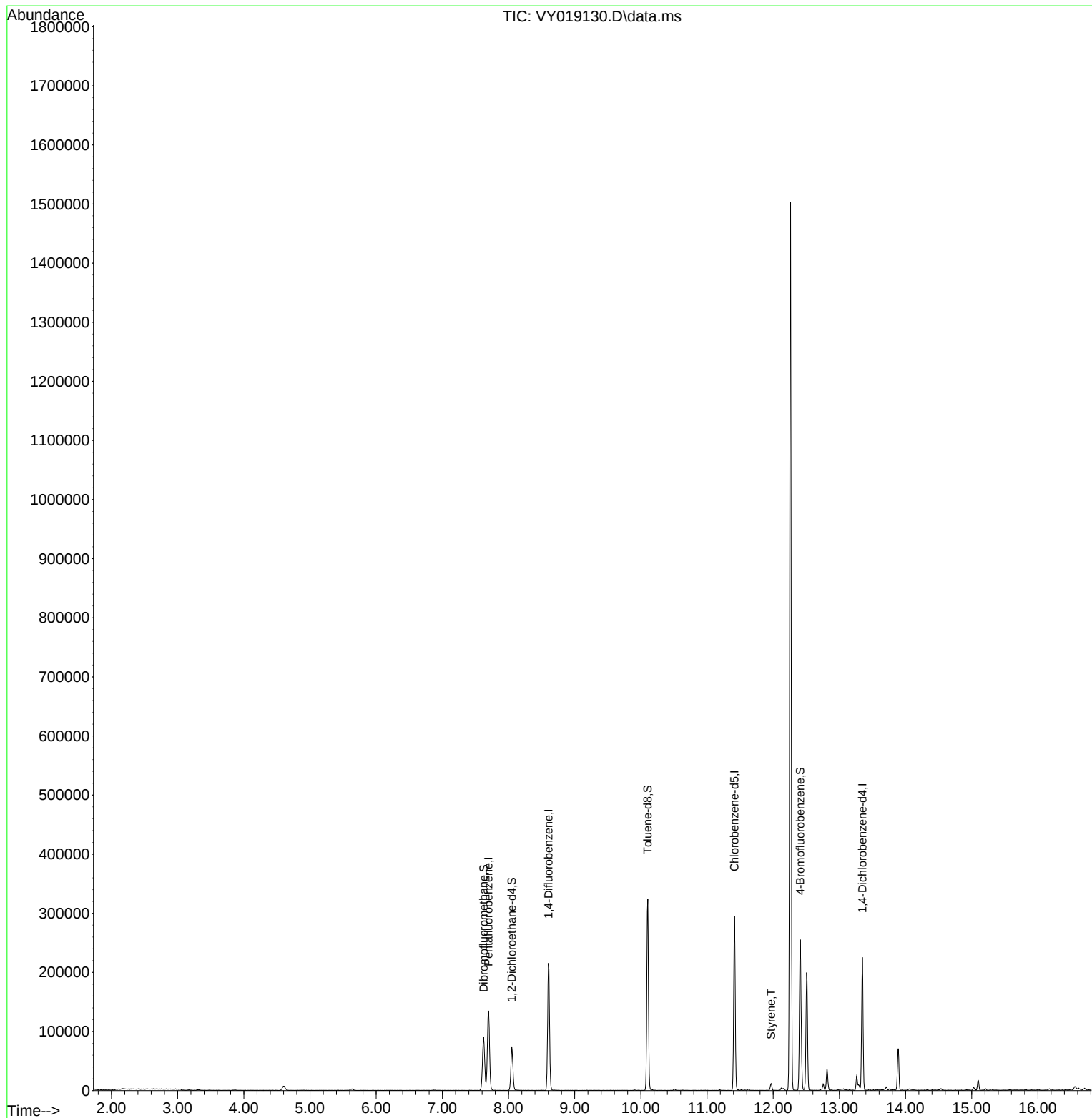
Internal Standards						
1) Pentafluorobenzene	7.695	168	106568	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.604	114	186985	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	158098	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	54474	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	54070	50.615	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.220%	
35) Dibromofluoromethane	7.622	113	62265	50.928	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.860%	
50) Toluene-d8	10.103	98	209404	47.594	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.180%	
62) 4-Bromofluorobenzene	12.408	95	62456	41.641	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 83.280%	
Target Compounds						
70) Styrene	11.969	104	5779	1.460	ug/l	Qvalue 91

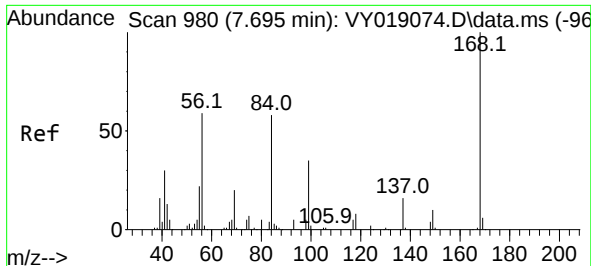
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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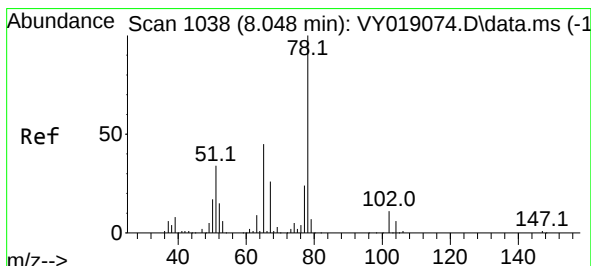
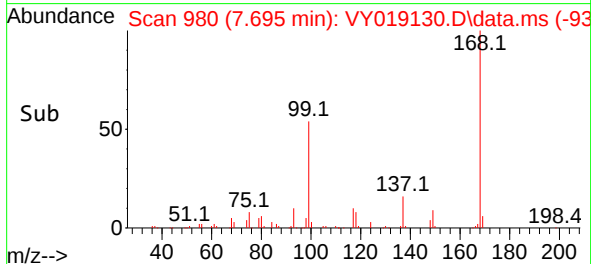
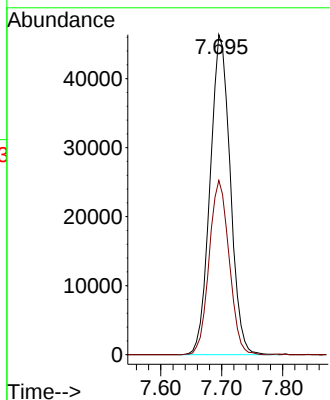
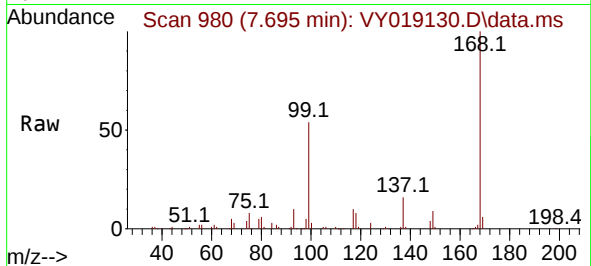




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019130.D
Acq: 19 Aug 2024 20:40

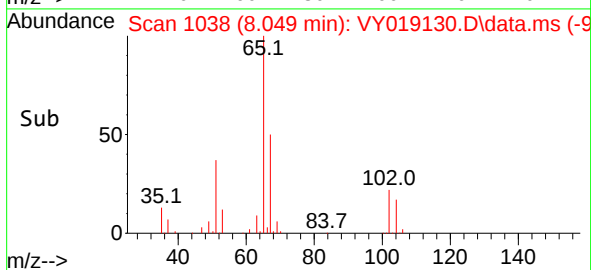
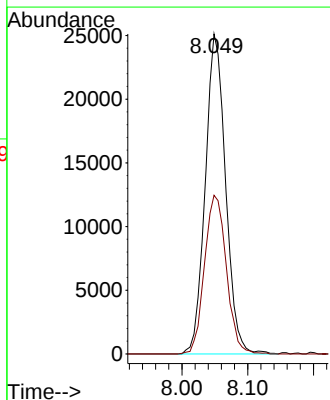
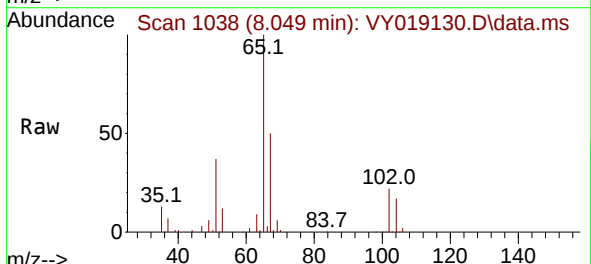
Instrument :
MSVOA_Y
ClientSampleId :
S-909-K1-0.5-1.0-081524

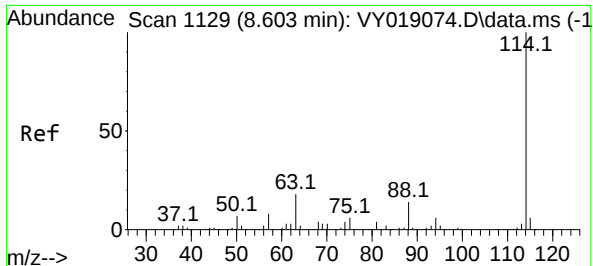
Tgt Ion:168 Resp: 106568
Ion Ratio Lower Upper
168 100
99 54.4 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 50.615 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY019130.D
Acq: 19 Aug 2024 20:40

Tgt Ion: 65 Resp: 54070
Ion Ratio Lower Upper
65 100
67 53.3 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.604 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY019130.D

Acq: 19 Aug 2024 20:40

Instrument :

MSVOA_Y

ClientSampleId :

S-909-K1-0.5-1.0-081524

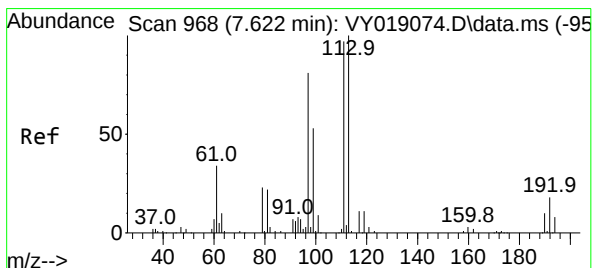
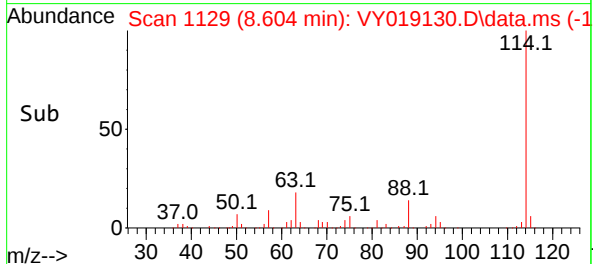
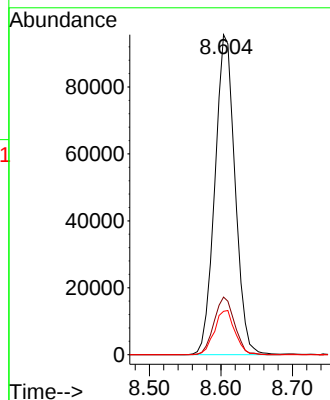
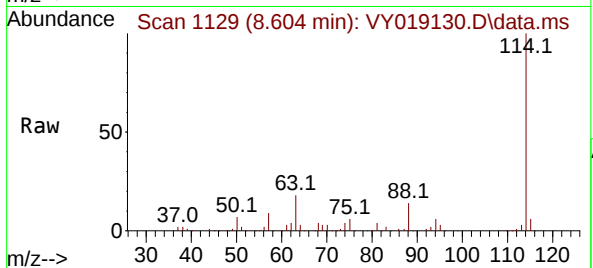
Tgt Ion:114 Resp: 186985

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

88 13.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.928 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY019130.D

Acq: 19 Aug 2024 20:40

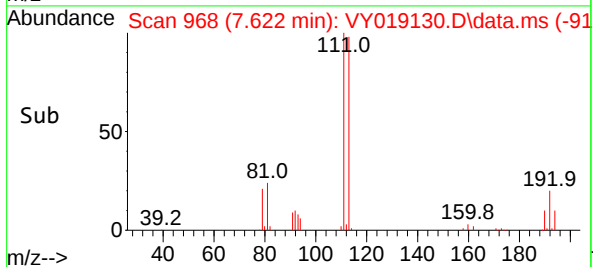
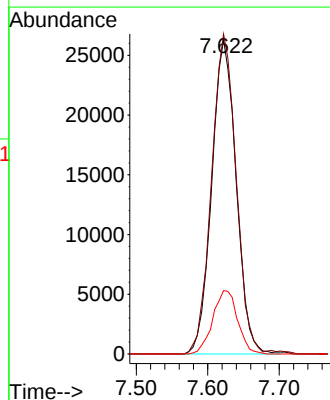
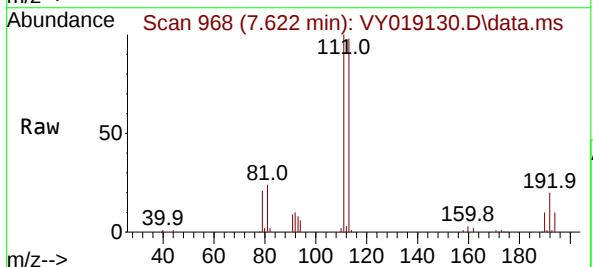
Tgt Ion:113 Resp: 62265

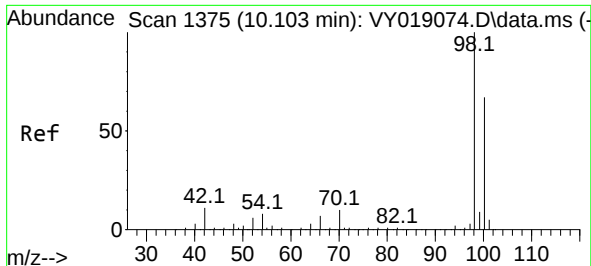
Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.4

192 20.5 15.9 23.9

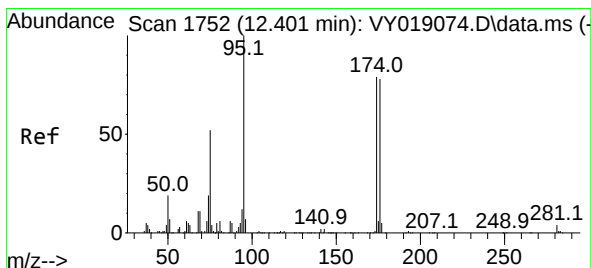
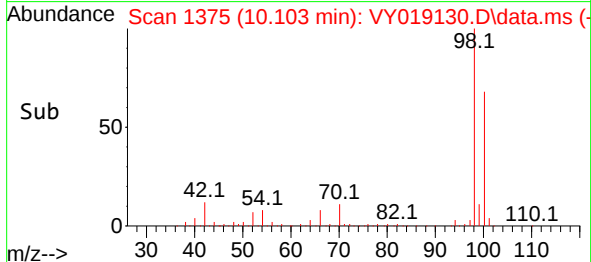
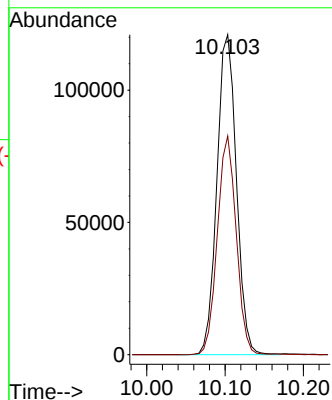
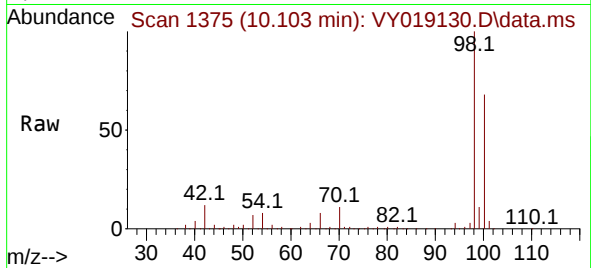




#50
Toluene-d8
Concen: 47.594 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019130.D
Acq: 19 Aug 2024 20:40

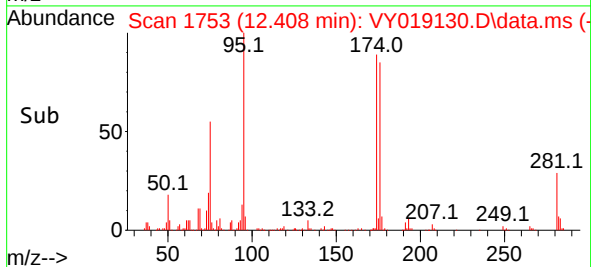
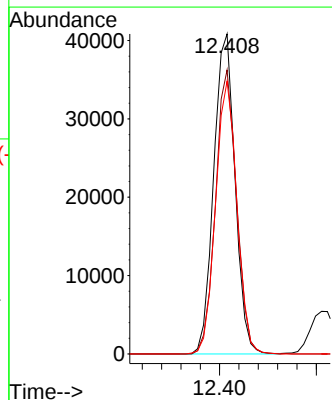
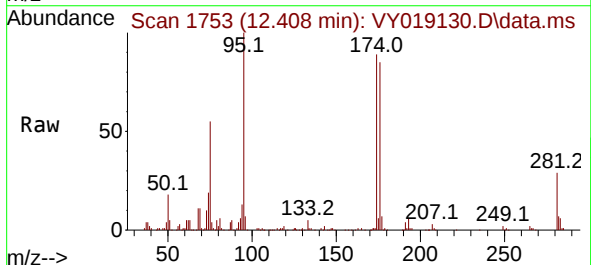
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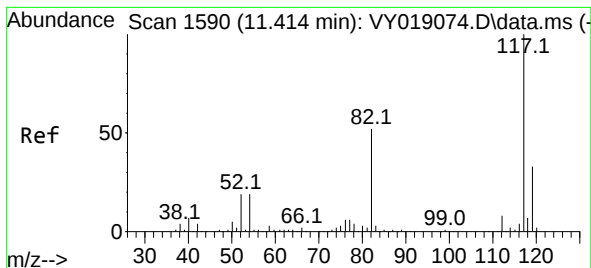
Tgt Ion: 98 Resp: 209404
Ion Ratio Lower Upper
98 100
100 66.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 41.641 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019130.D
Acq: 19 Aug 2024 20:40

Tgt Ion: 95 Resp: 62456
Ion Ratio Lower Upper
95 100
174 87.3 0.0 175.6
176 85.2 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: VY019130.D

Acq: 19 Aug 2024 20:40

Instrument :

MSVOA_Y

ClientSampleId :

S-909-K1-0.5-1.0-081524

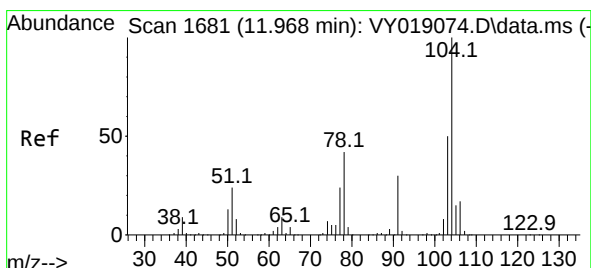
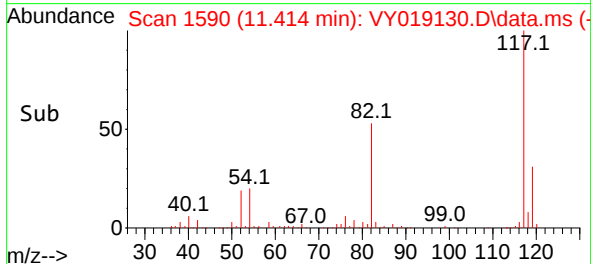
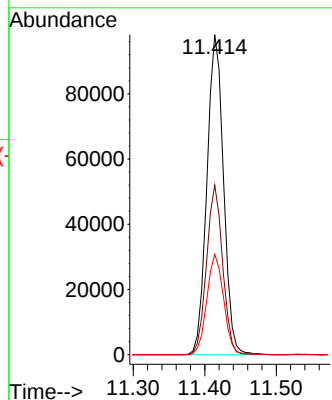
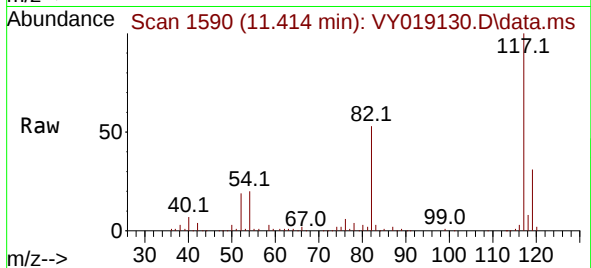
Tgt Ion:117 Resp: 158098

Ion Ratio Lower Upper

117 100

82 53.0 42.4 63.6

119 31.4 25.9 38.9



#70

Styrene

Concen: 1.460 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019130.D

Acq: 19 Aug 2024 20:40

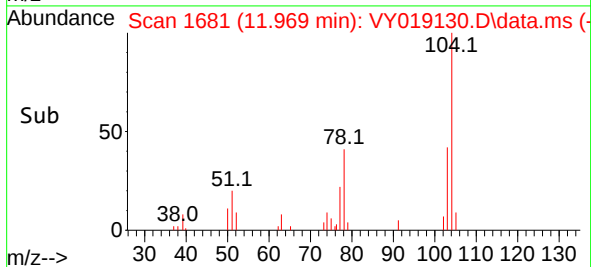
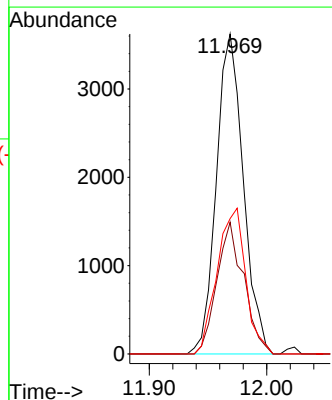
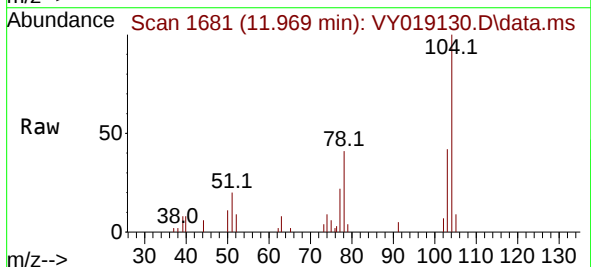
Tgt Ion:104 Resp: 5779

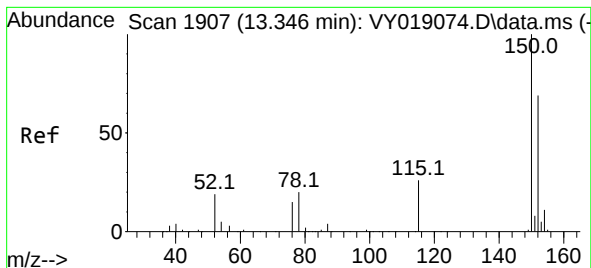
Ion Ratio Lower Upper

104 100

78 41.0 37.0 55.4

103 48.2 44.2 66.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019130.D

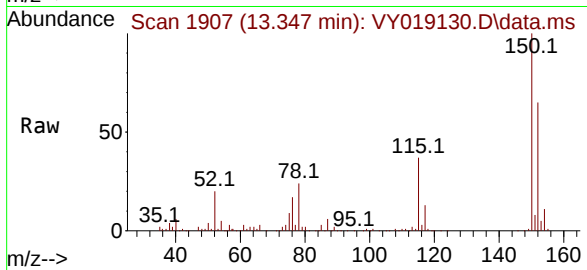
Acq: 19 Aug 2024 20:40

Instrument :

MSVOA_Y

ClientSampleId :

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Tgt Ion:152 Resp: 54474

Ion Ratio Lower Upper

152 100

115 57.6 28.2 84.7

150 160.5 0.0 345.6

