

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081924\
 Data File : VY019128.D
 Acq On : 19 Aug 2024 19:51
 Operator : SY/MD
 Sample : P3641-04
 Misc : 6.90g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-908-K1-0.5-1.0-081524

Quant Time: Aug 20 01:50:21 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)

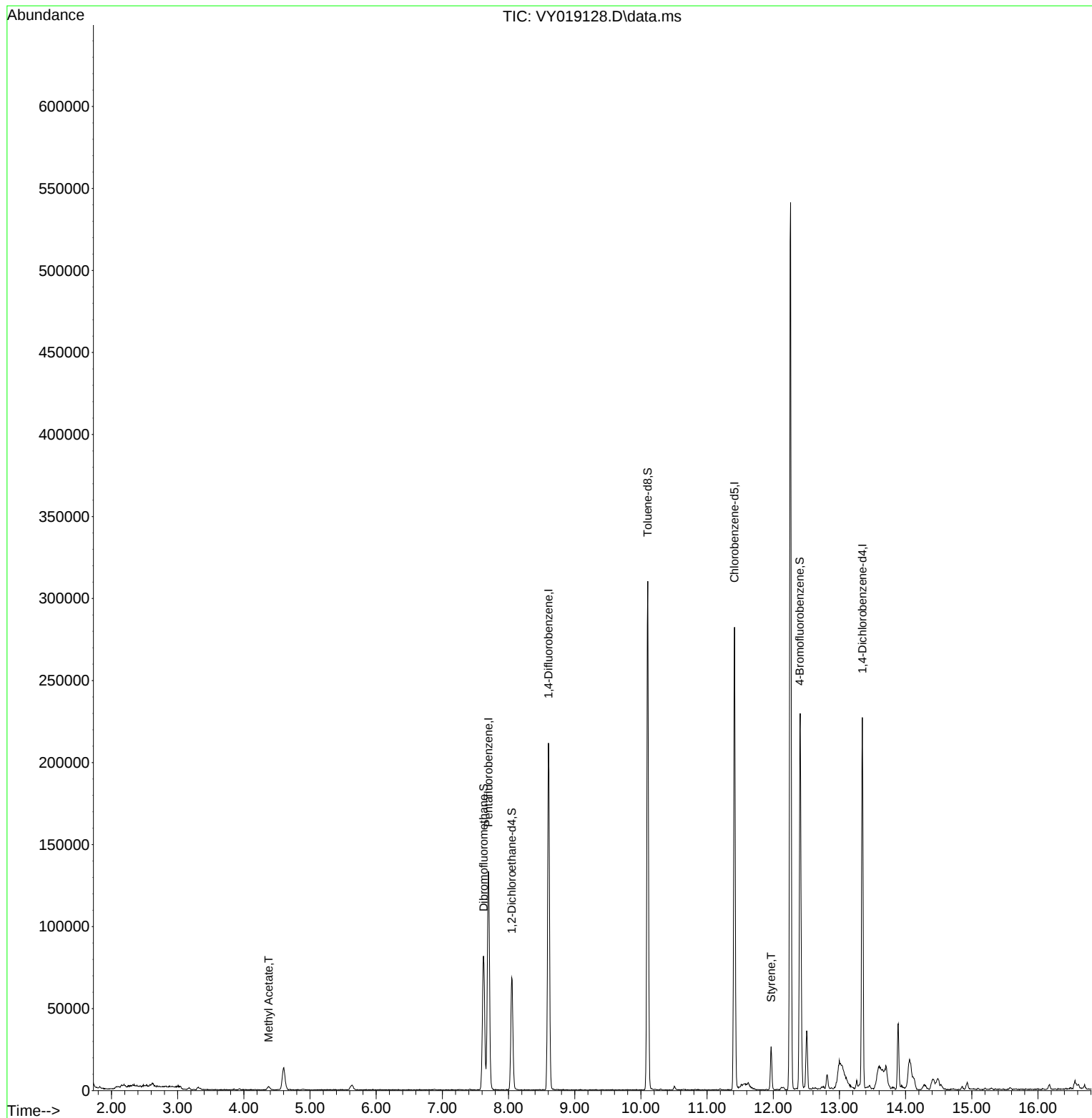
Internal Standards						
1) Pentafluorobenzene	7.695	168	104448	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.604	114	183151	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	150829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	55778	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	52347	49.997	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.000%
35) Dibromofluoromethane	7.622	113	57620	48.115	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.220%
50) Toluene-d8	10.103	98	196825	45.672	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.340%
62) 4-Bromofluorobenzene	12.402	95	61003	41.523	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	83.040%
Target Compounds						Qvalue
18) Methyl Acetate	4.373	43	3676	6.169	ug/l	# 85
70) Styrene	11.969	104	12237	3.240	ug/l	91

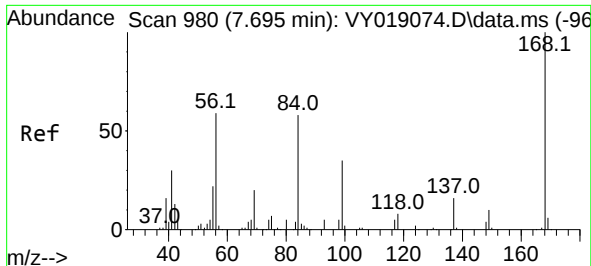
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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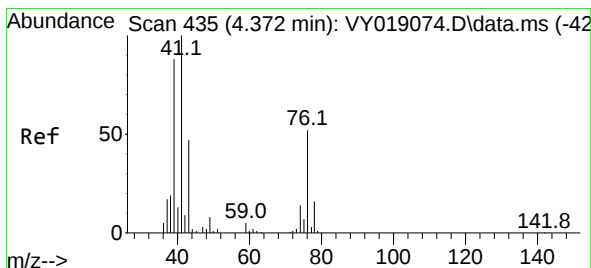
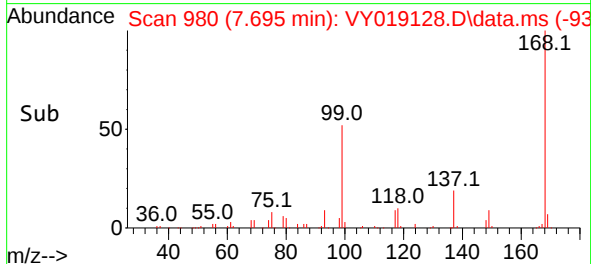
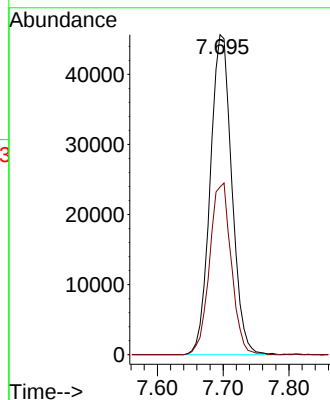
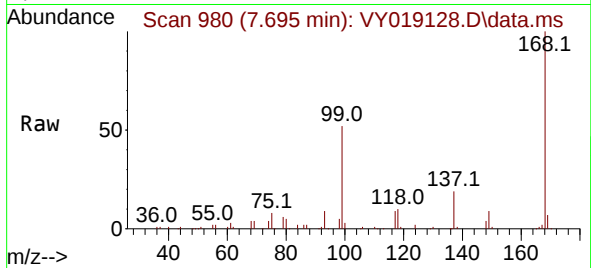




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY019128.D
Acq: 19 Aug 2024 19:51

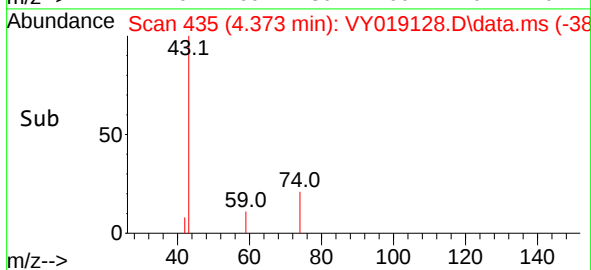
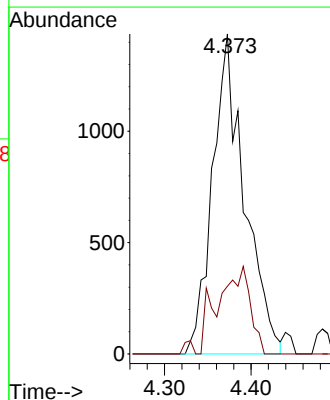
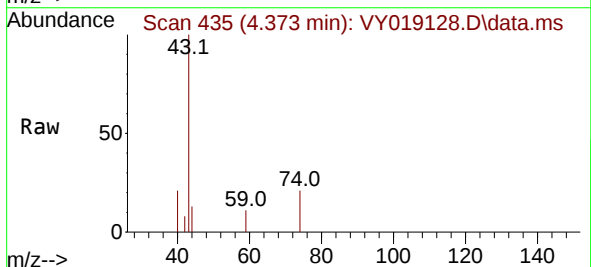
Instrument :
MSVOA_Y
ClientSampleId :
S-908-K1-0.5-1.0-081524

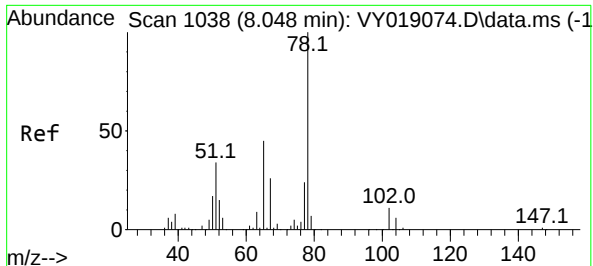
Tgt Ion:168 Resp: 104448
Ion Ratio Lower Upper
168 100
99 52.4 39.1 58.7



#18
Methyl Acetate
Concen: 6.169 ug/l
RT: 4.373 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY019128.D
Acq: 19 Aug 2024 19:51

Tgt Ion: 43 Resp: 3676
Ion Ratio Lower Upper
43 100
74 20.9 23.3 34.9#





#33

1,2-Dichloroethane-d4

Concen: 49.997 ug/l

RT: 8.049 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY019128.D

Acq: 19 Aug 2024 19:51

Instrument :

MSVOA_Y

ClientSampleId :

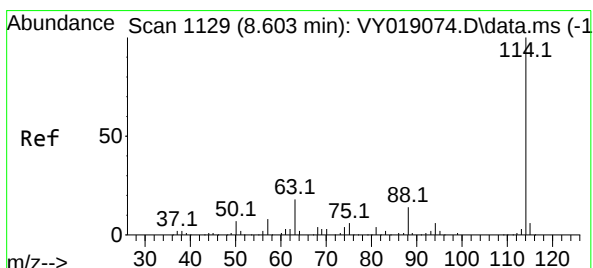
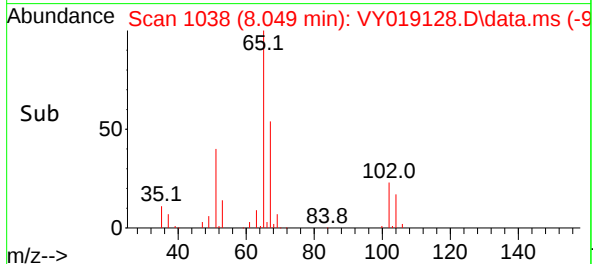
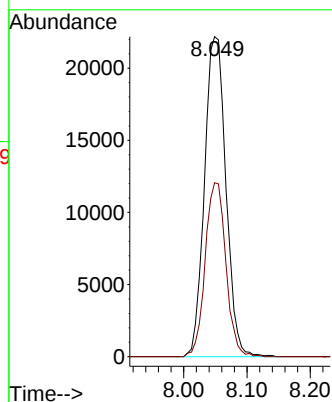
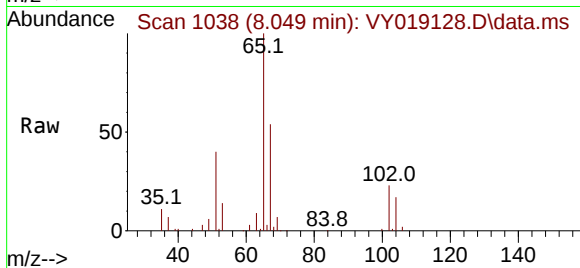
S-908-K1-0.5-1.0-081524

Tgt Ion: 65 Resp: 52347

Ion Ratio Lower Upper

65 100

67 52.4 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: VY019128.D

Acq: 19 Aug 2024 19:51

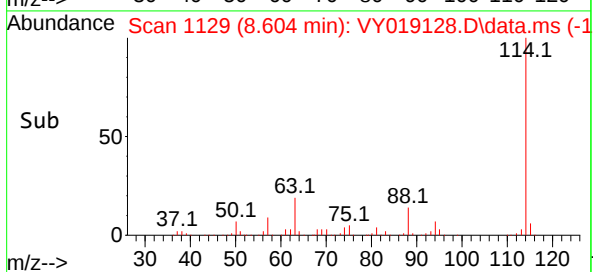
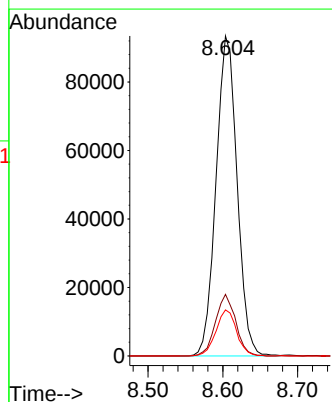
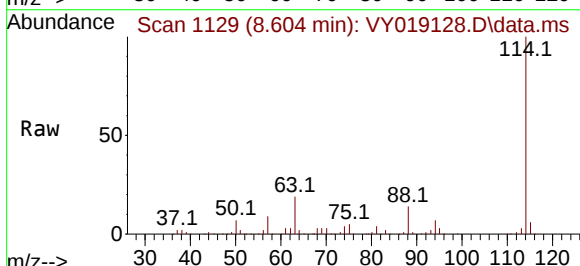
Tgt Ion: 114 Resp: 183151

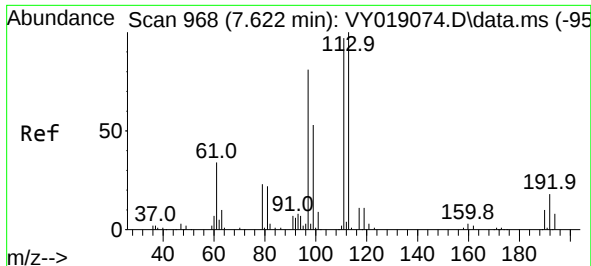
Ion Ratio Lower Upper

114 100

63 19.3 0.0 35.0

88 14.4 0.0 27.2

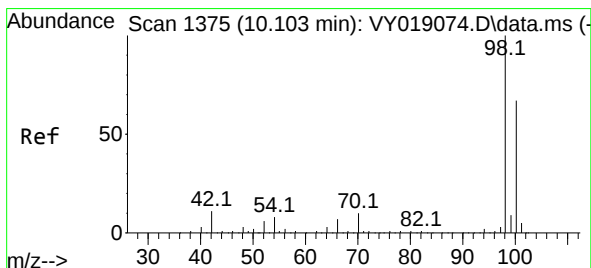
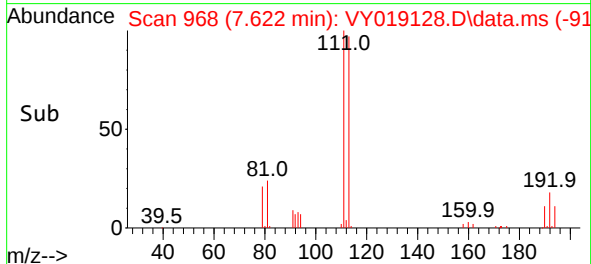
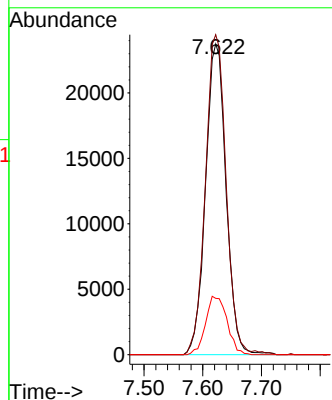
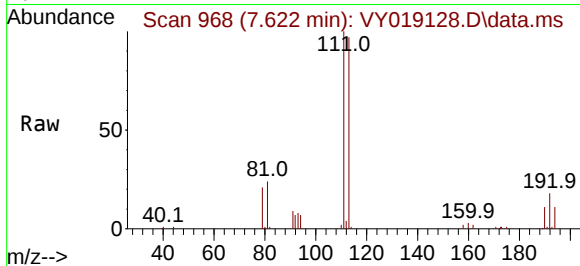




#35
Dibromofluoromethane
Concen: 48.115 ug/l
RT: 7.622 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019128.D
Acq: 19 Aug 2024 19:51

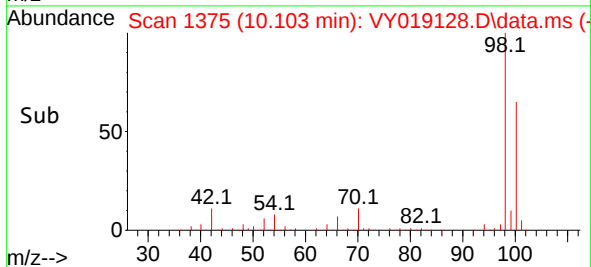
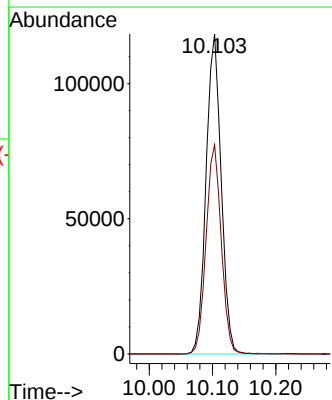
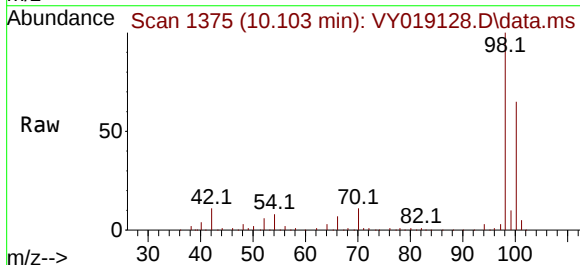
Instrument :
MSVOA_Y
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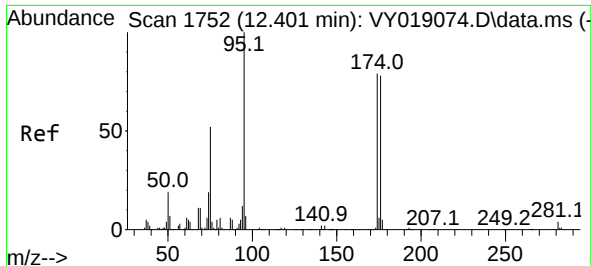
Tgt Ion:113 Resp: 57620
Ion Ratio Lower Upper
113 100
111 104.1 82.2 123.4
192 19.6 15.9 23.9



#50
Toluene-d8
Concen: 45.672 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019128.D
Acq: 19 Aug 2024 19:51

Tgt Ion: 98 Resp: 196825
Ion Ratio Lower Upper
98 100
100 65.6 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 41.523 ug/l

RT: 12.402 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019128.D

Acq: 19 Aug 2024 19:51

Instrument :

MSVOA_Y

ClientSampleId :

S-908-K1-0.5-1.0-081524

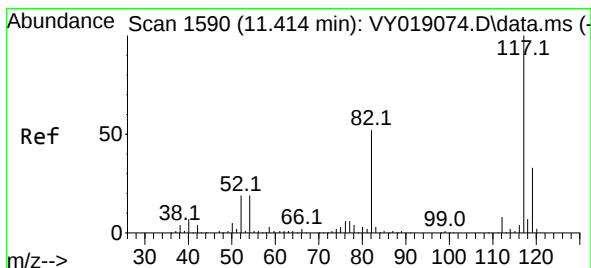
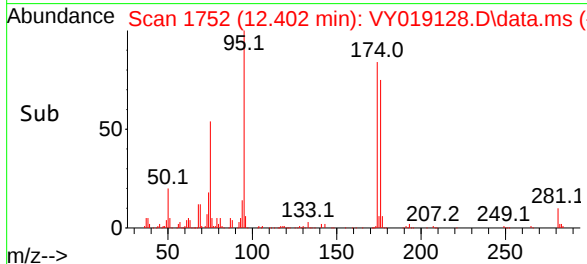
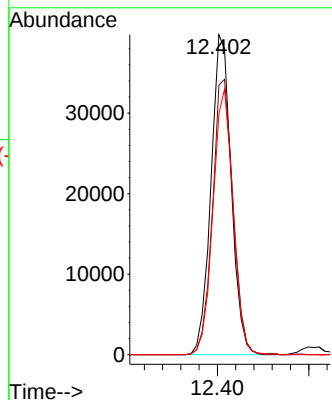
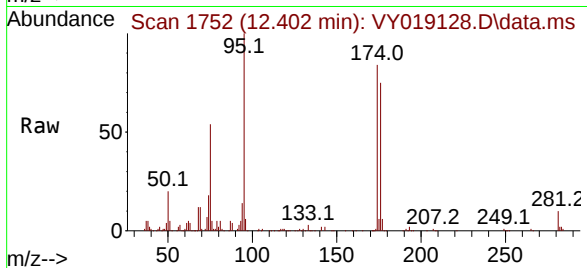
Tgt Ion: 95 Resp: 61003

Ion Ratio Lower Upper

95 100

174 87.1 0.0 175.6

176 83.3 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: VY019128.D

Acq: 19 Aug 2024 19:51

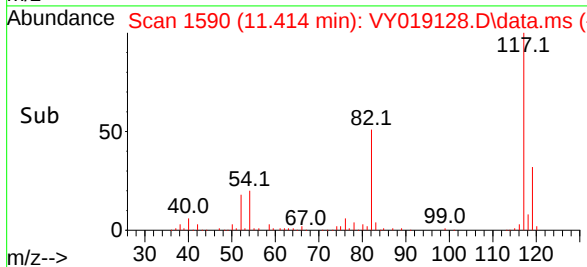
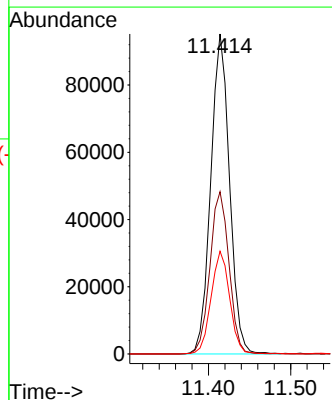
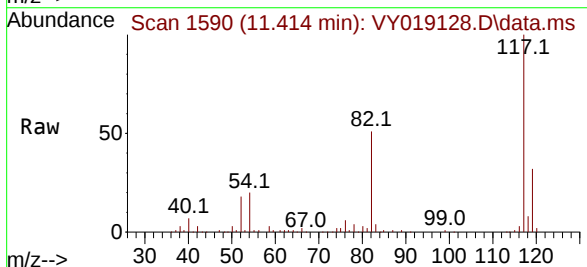
Tgt Ion: 117 Resp: 150829

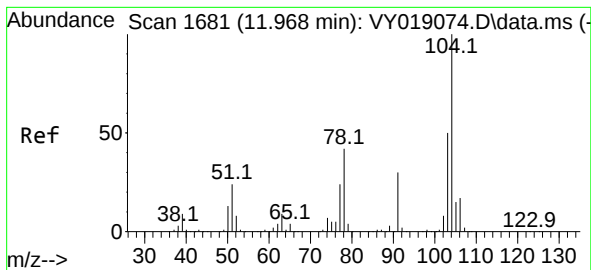
Ion Ratio Lower Upper

117 100

82 50.7 42.4 63.6

119 32.1 25.9 38.9





#70

Styrene

Concen: 3.240 ug/l

RT: 11.969 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019128.D

Acq: 19 Aug 2024 19:51

Instrument :

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ClientSampleId :

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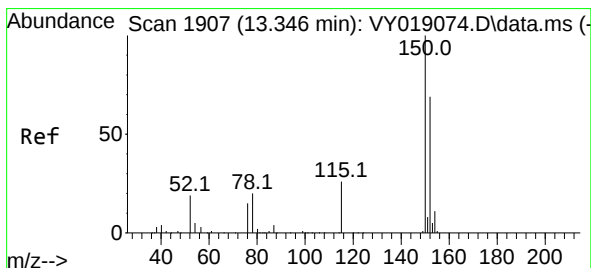
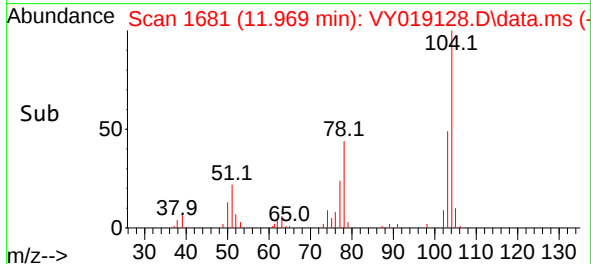
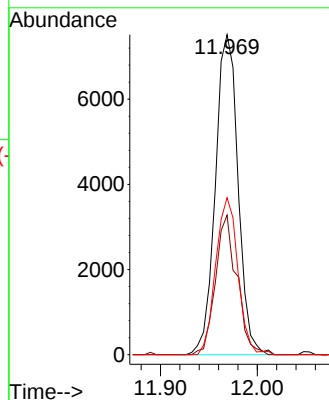
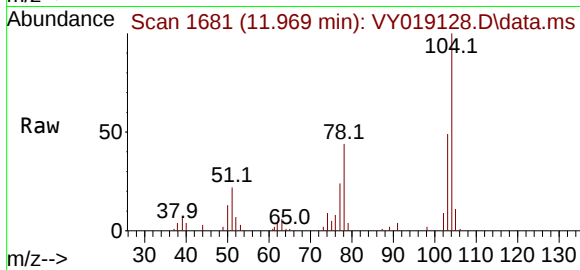
Tgt Ion:104 Resp: 12237

Ion Ratio Lower Upper

104 100

78 41.1 37.0 55.4

103 48.0 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: VY019128.D

Acq: 19 Aug 2024 19:51

Tgt Ion:152 Resp: 55778

Ion Ratio Lower Upper

152 100

115 60.2 28.2 84.7

150 160.9 0.0 345.6

