

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081624\
 Data File : VY019095.D
 Acq On : 16 Aug 2024 15:51
 Operator : SY/MD
 Sample : P3580-02
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Aug 16 23:15:23 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	1896	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	3197	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	2171	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	257	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	1341	70.557	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 141.120%	
35) Dibromofluoromethane	7.628	113	1031	49.321	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.640%	
50) Toluene-d8	10.109	98	3097	41.169	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 82.340%	
62) 4-Bromofluorobenzene	12.402	95	577	22.500	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 45.000%	

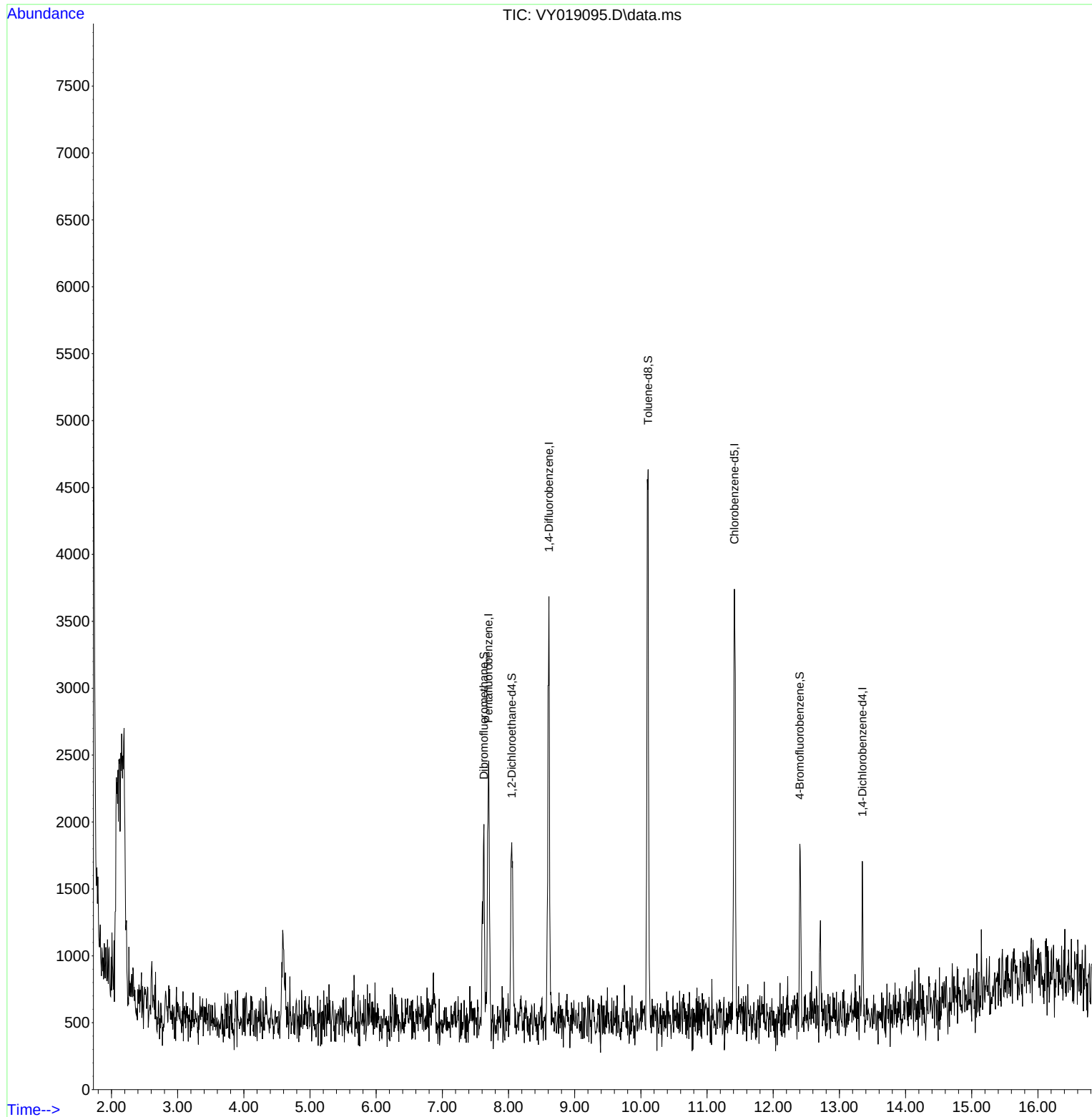
Target Compounds	Qvalue

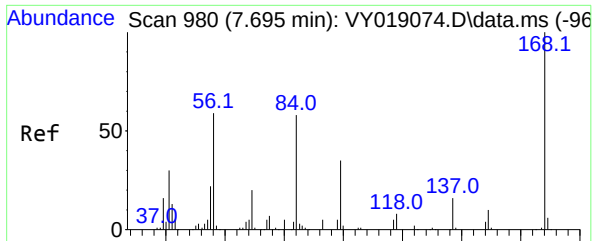
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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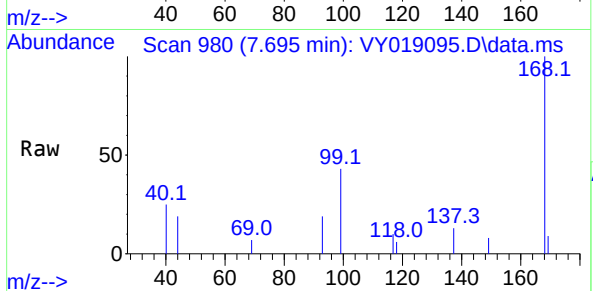
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
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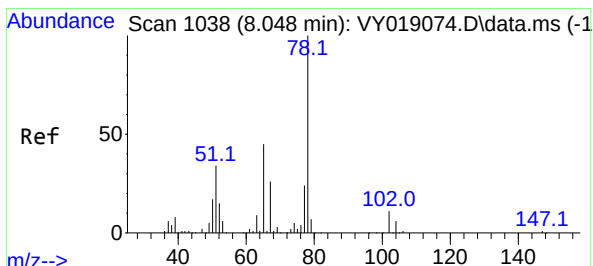
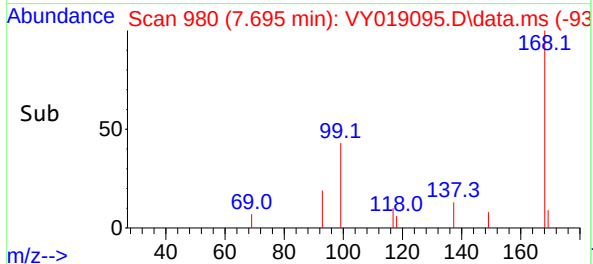
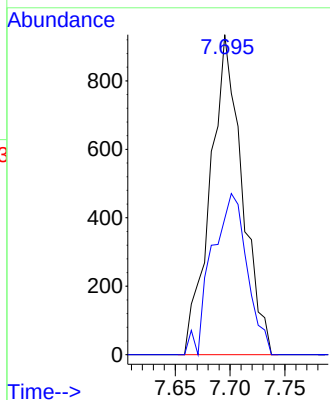


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019095.D
Acq: 16 Aug 2024 15:51

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

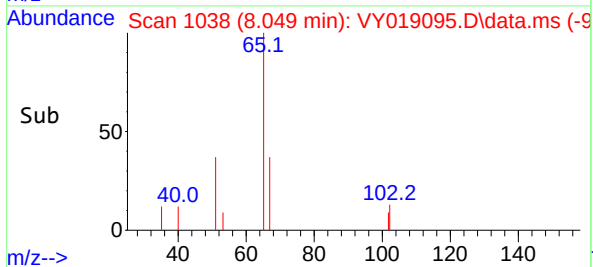
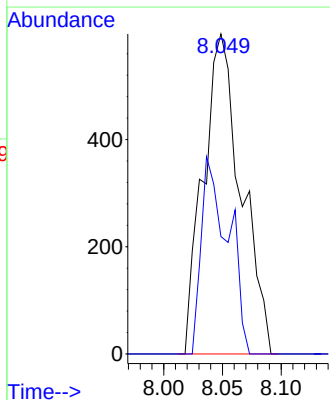
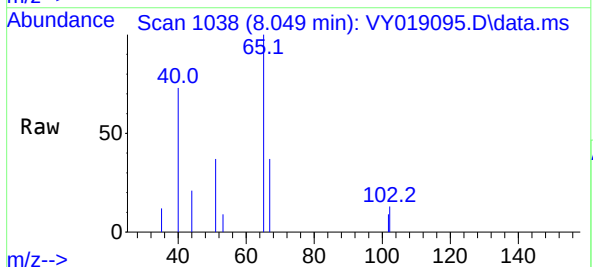


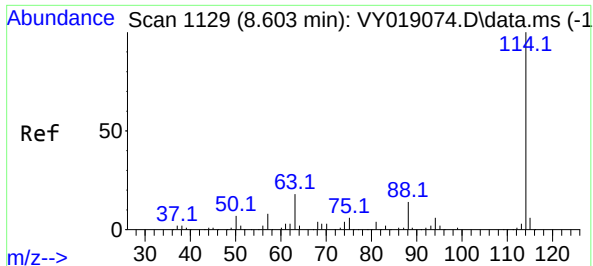
Tgt Ion:168 Resp: 1896
Ion Ratio Lower Upper
168 100
99 42.6 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 70.557 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY019095.D
Acq: 16 Aug 2024 15:51

Tgt Ion: 65 Resp: 1341
Ion Ratio Lower Upper
65 100
67 43.8 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY019095.D

Acq: 16 Aug 2024 15:51

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

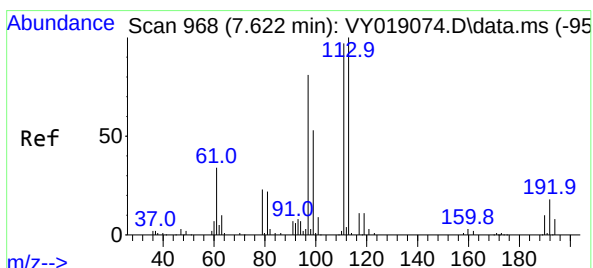
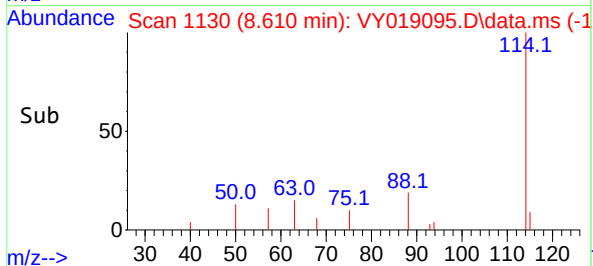
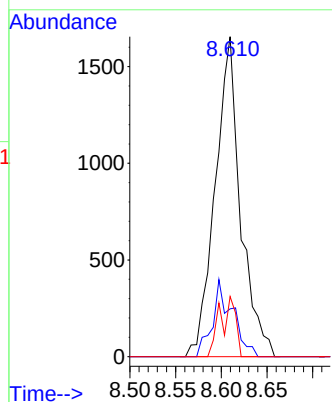
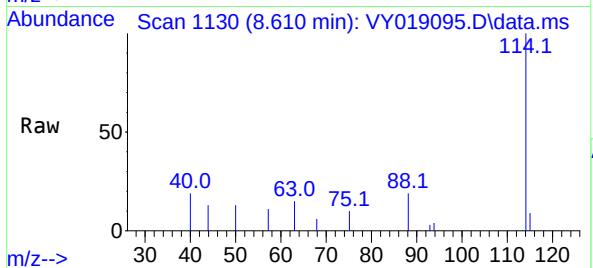
Tgt Ion:114 Resp: 3197

Ion Ratio Lower Upper

114 100

63 14.9 0.0 35.0

88 18.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.321 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY019095.D

Acq: 16 Aug 2024 15:51

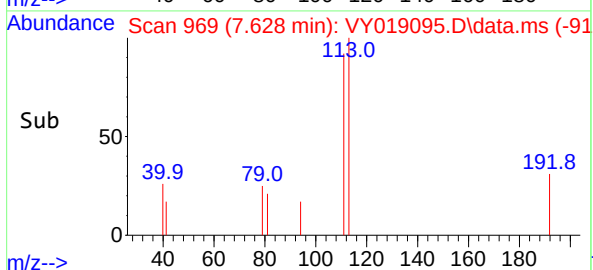
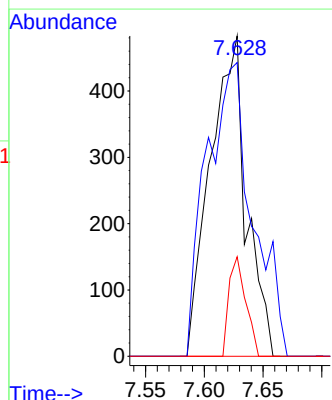
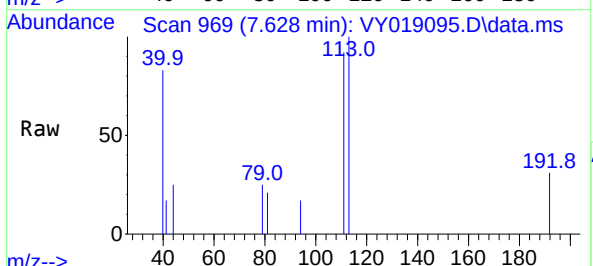
Tgt Ion:113 Resp: 1031

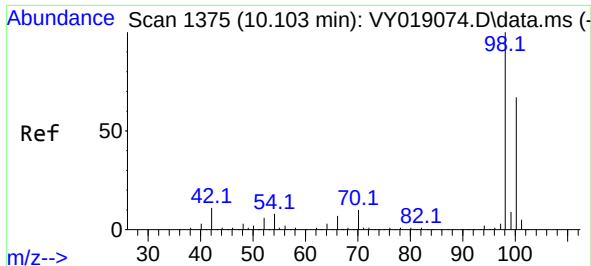
Ion Ratio Lower Upper

113 100

111 117.3 82.2 123.4

192 14.5 15.9 23.9#

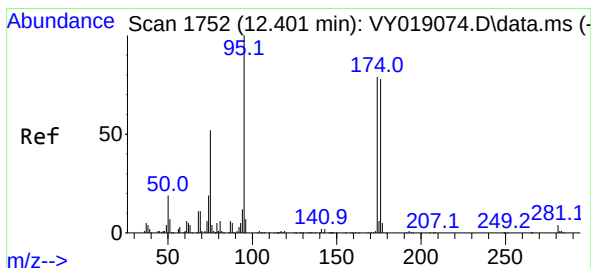
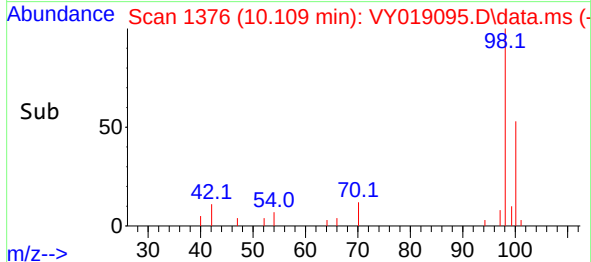
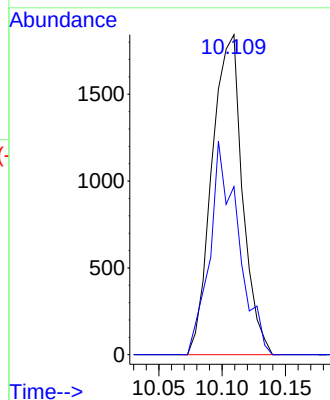
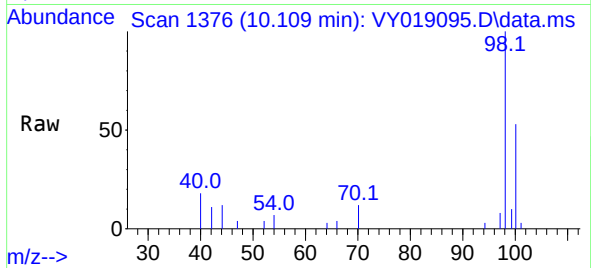




#50
Toluene-d8
Concen: 41.169 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019095.D
Acq: 16 Aug 2024 15:51

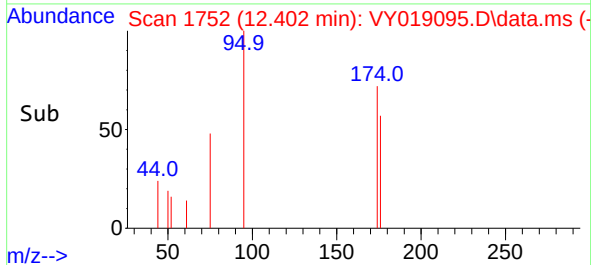
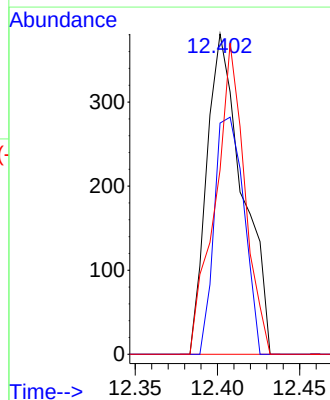
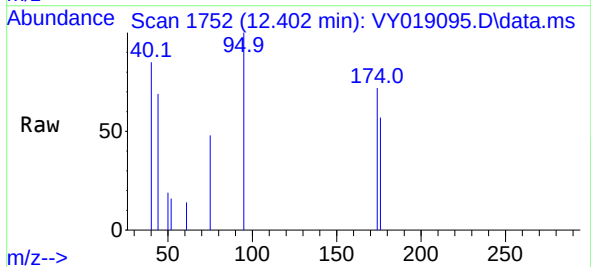
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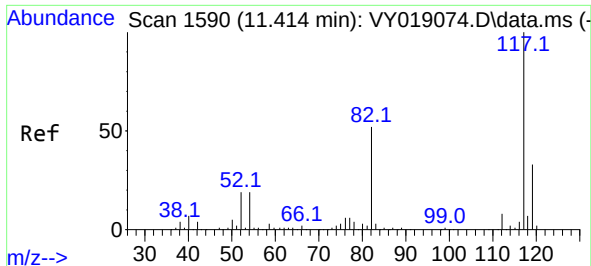
Tgt Ion: 98 Resp: 3097
Ion Ratio Lower Upper
98 100
100 62.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 22.500 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY019095.D
Acq: 16 Aug 2024 15:51

Tgt Ion: 95 Resp: 577
Ion Ratio Lower Upper
95 100
174 61.2 0.0 175.6
176 80.2 0.0 171.4

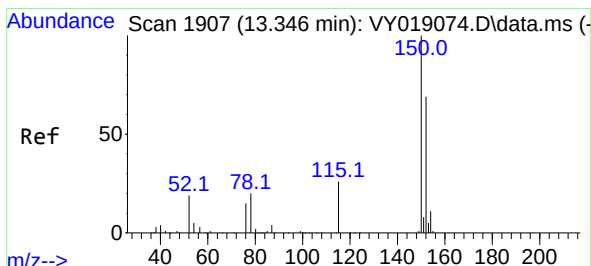
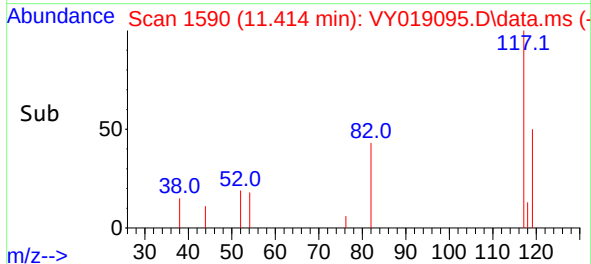
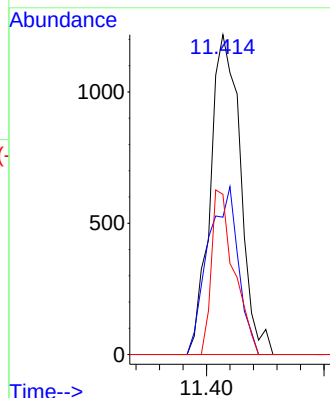
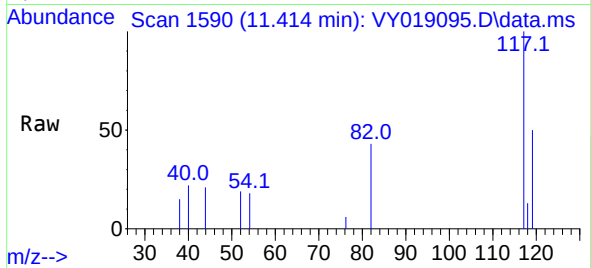




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VY019095.D
Acq: 16 Aug 2024 15:51

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion	Ratio	Lower	Upper
117	100		
82	42.9	42.4	63.6
119	50.1	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: VY019095.D
Acq: 16 Aug 2024 15:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	49.0	28.2	84.7
150	201.9	0.0	345.6

