

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030723\
 Data File : VY012851.D
 Acq On : 07 Mar 2023 17:42
 Operator : KP/MD
 Sample : 01820-01RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-3-03032023RE

Quant Time: Mar 07 23:44:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

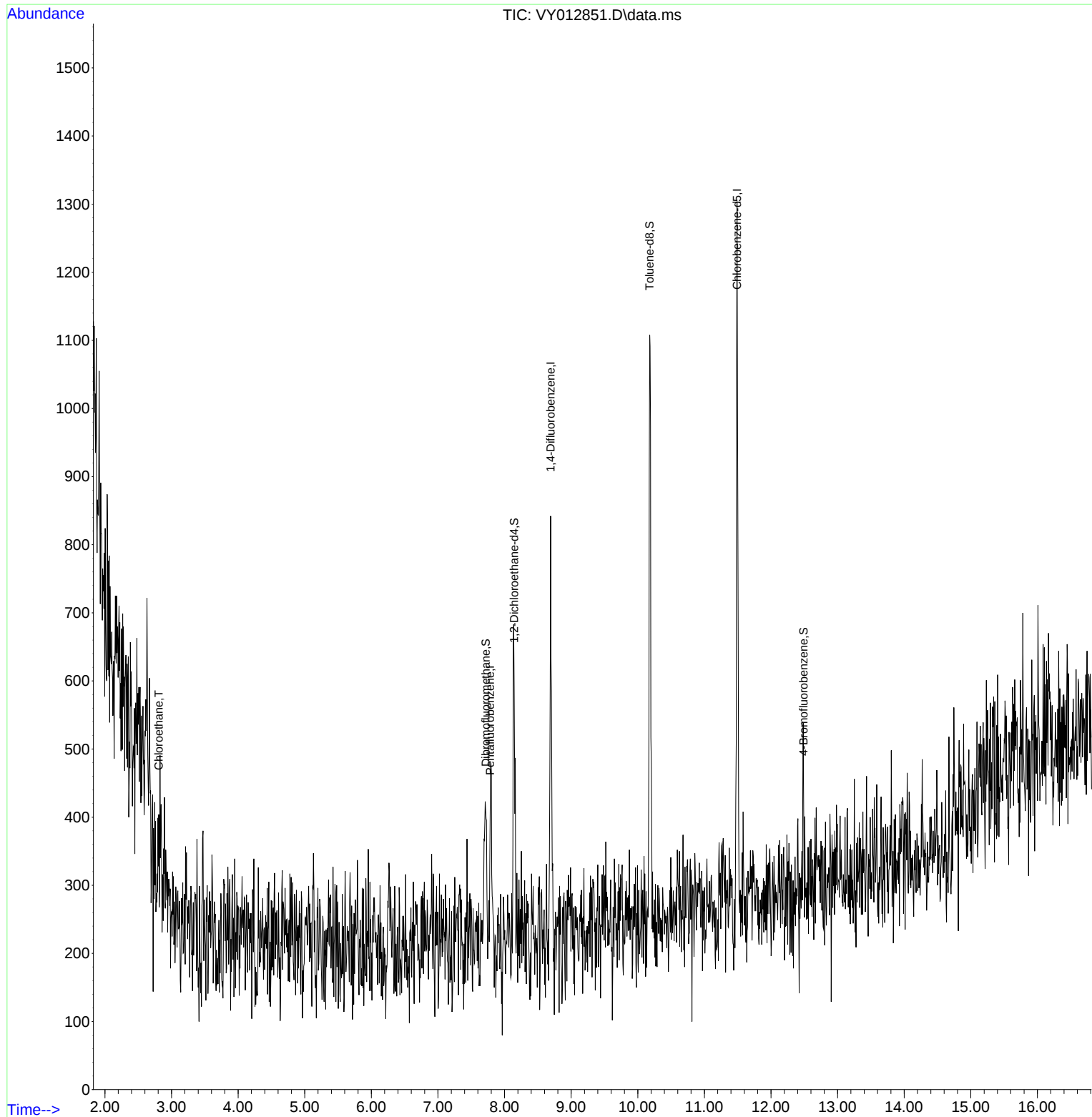
Internal Standards						
1) Pentafluorobenzene	7.783	168	299	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	761	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	639	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.43
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	496	167.077	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	334.160%#
35) Dibromofluoromethane	7.716	113	224	48.774	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.540%
50) Toluene-d8	10.179	98	866	51.579	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.160%
62) 4-Bromofluorobenzene	12.489	95	114	20.117	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	40.240%
Target Compounds						
6) Chloroethane	2.808	64	97	50.132	ug/l	# 43

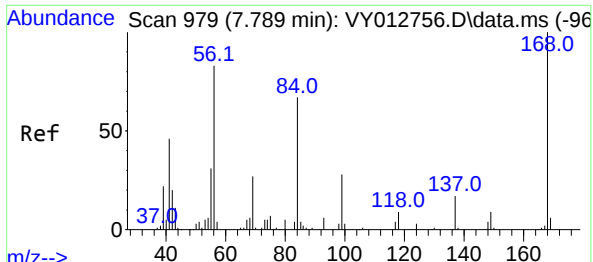
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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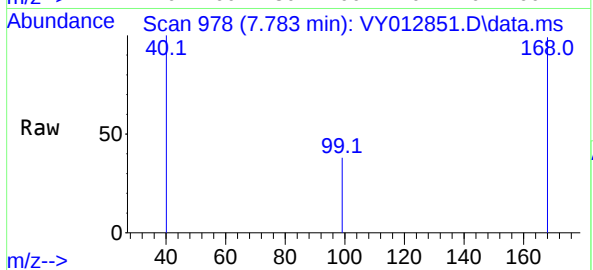
Quant Time: Mar 07 23:44:55 2023
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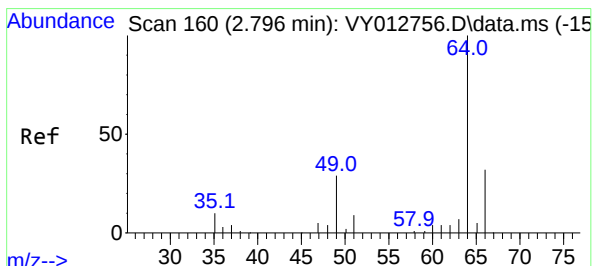
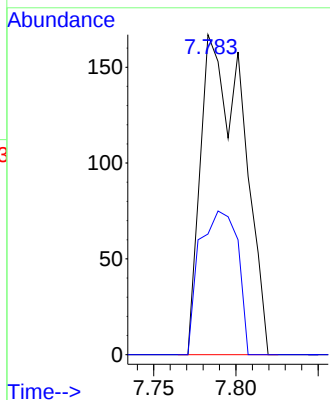
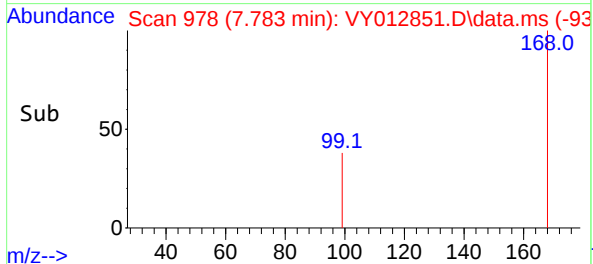


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012851.D
Acq: 07 Mar 2023 17:42

Instrument :
MSVOA_Y
ClientSampleId :
HR-3-03032023RE

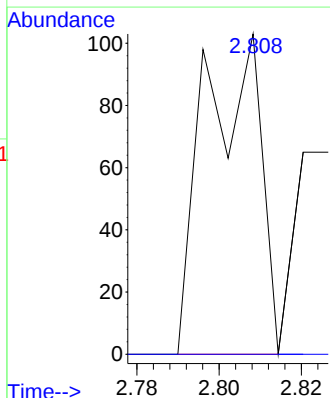
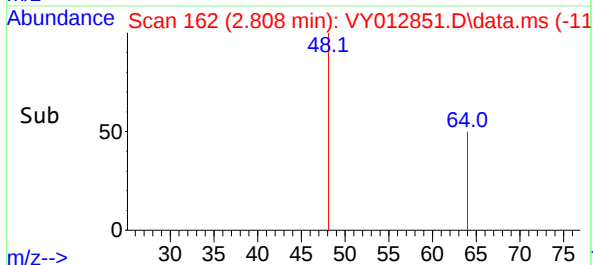
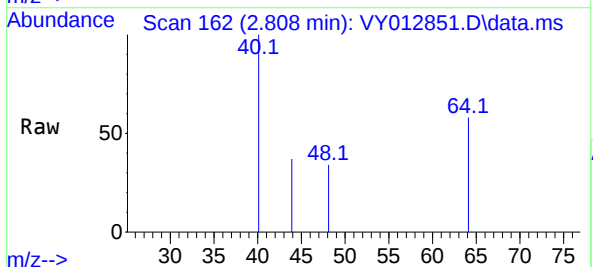


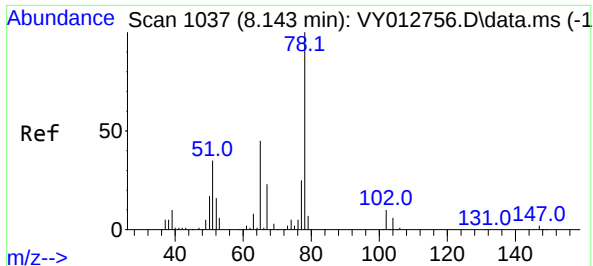
Tgt Ion:168 Resp: 299
Ion Ratio Lower Upper
168 100
99 37.7 41.7 62.5#



#6
Chloroethane
Concen: 50.132 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.012 min
Lab File: VY012851.D
Acq: 07 Mar 2023 17:42

Tgt Ion: 64 Resp: 97
Ion Ratio Lower Upper
64 100
66 0.0 25.7 38.5#





#33

1,2-Dichloroethane-d4

Concen: 167.077 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY012851.D

Acq: 07 Mar 2023 17:42

Instrument :

MSVOA_Y

ClientSampleId :

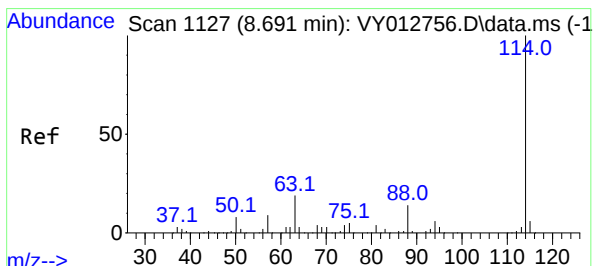
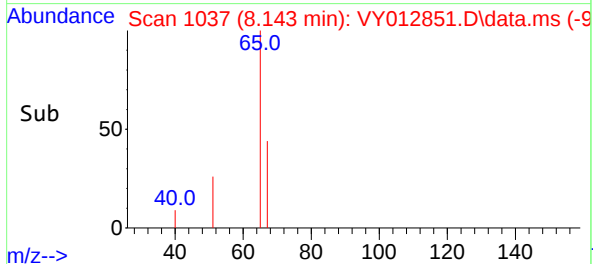
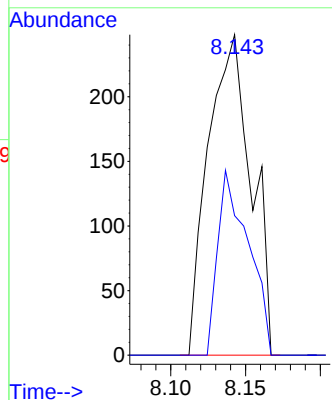
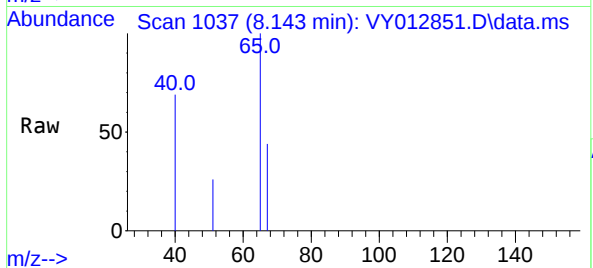
HR-3-03032023RE

Tgt Ion: 65 Resp: 496

Ion Ratio Lower Upper

65 100

67 41.1 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012851.D

Acq: 07 Mar 2023 17:42

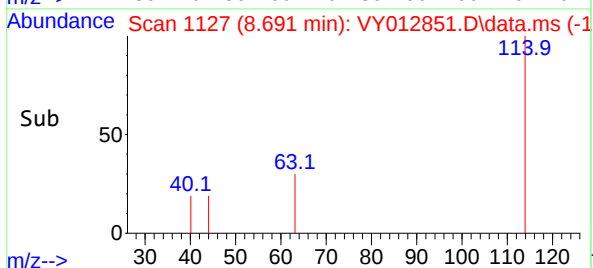
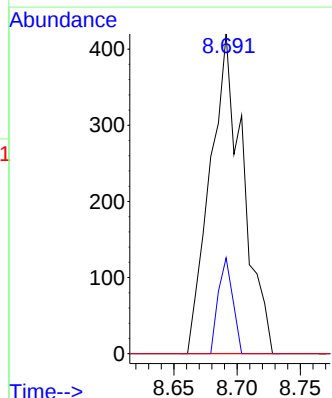
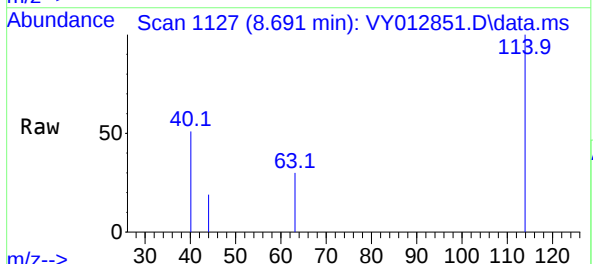
Tgt Ion: 114 Resp: 761

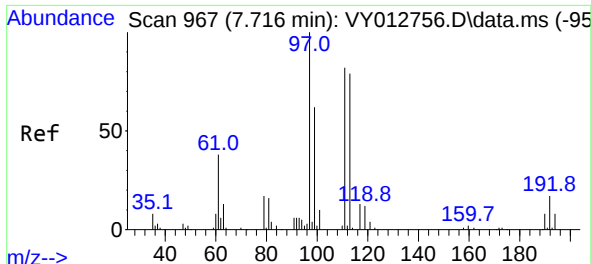
Ion Ratio Lower Upper

114 100

63 30.0 0.0 37.4

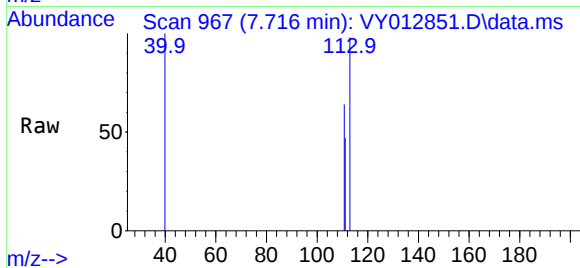
88 0.0 0.0 28.6



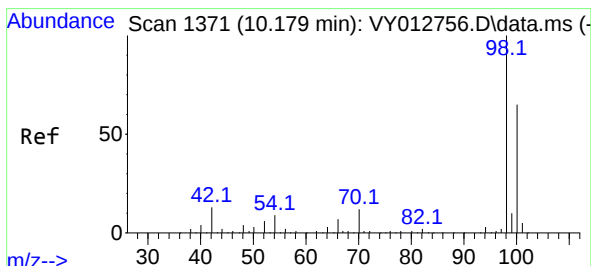
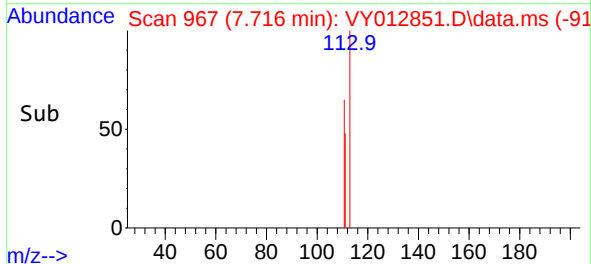
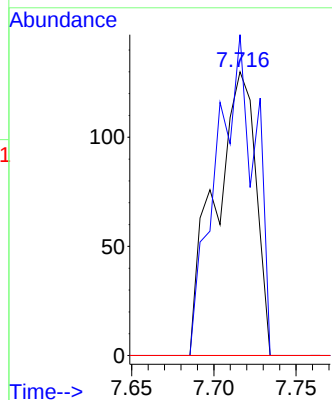


#35
Dibromofluoromethane
Concen: 48.774 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY012851.D
Acq: 07 Mar 2023 17:42

Instrument :
MSVOA_Y
ClientSampleId :
HR-3-03032023RE

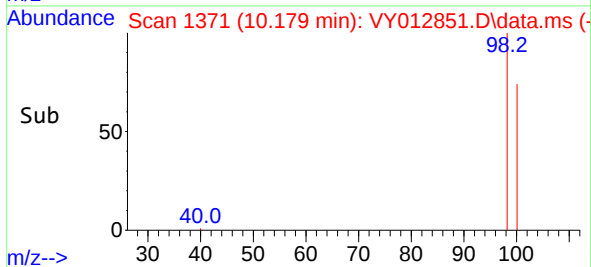
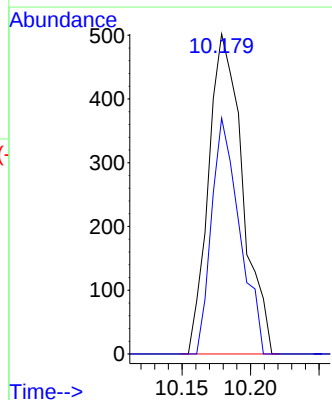
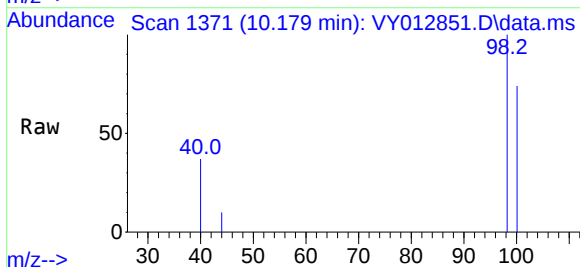


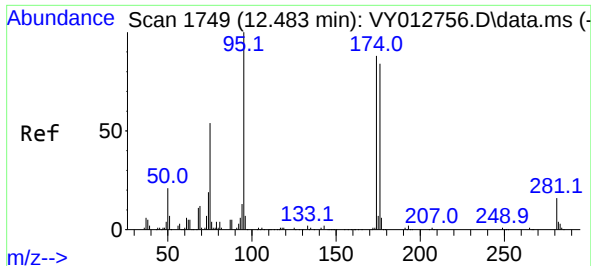
Tgt Ion:113 Resp: 224
Ion Ratio Lower Upper
113 100
111 108.5 82.2 123.2
192 0.0 16.8 25.2#



#50
Toluene-d8
Concen: 51.579 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012851.D
Acq: 07 Mar 2023 17:42

Tgt Ion: 98 Resp: 866
Ion Ratio Lower Upper
98 100
100 60.6 50.9 76.3

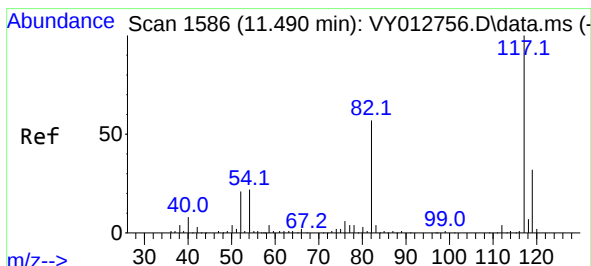
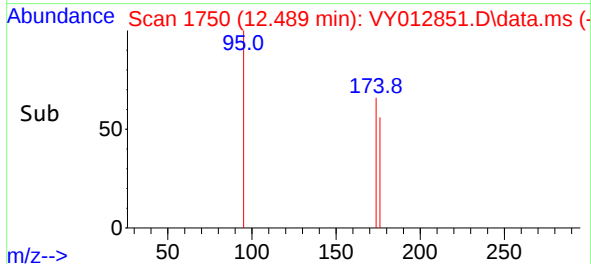
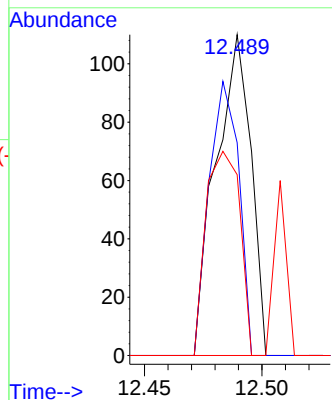
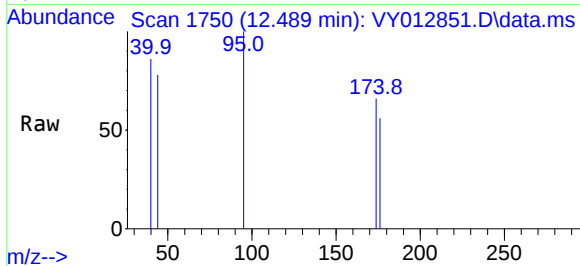




#62
4-Bromofluorobenzene
Concen: 20.117 ug/l
RT: 12.489 min Scan# 1114
Delta R.T. 0.006 min
Lab File: VY012851.D
Acq: 07 Mar 2023 17:42

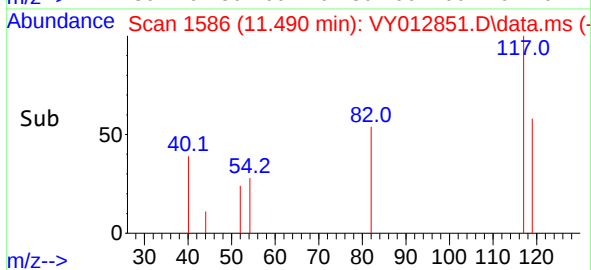
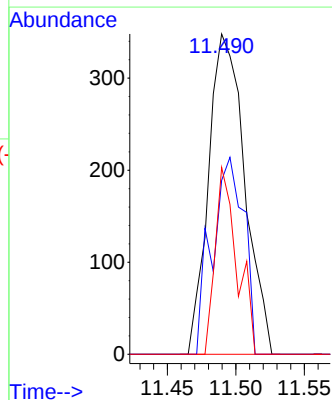
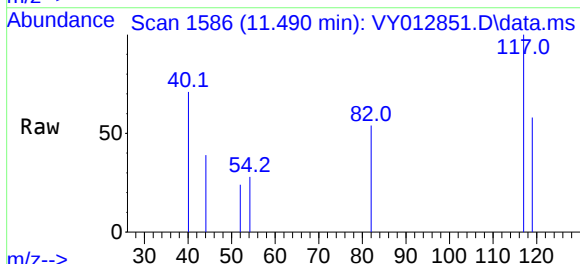
Instrument :
MSVOA_Y
ClientSampleId :
HR-3-03032023RE

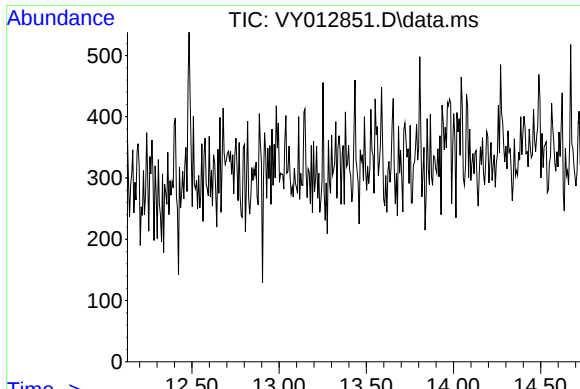
Tgt Ion: 95	Resp:	114	
Ion	Ratio	Lower	Upper
95	100		
174	72.8	0.0	176.6
176	61.4	0.0	170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY012851.D
Acq: 07 Mar 2023 17:42

Tgt Ion:117	Resp:	639	
Ion	Ratio	Lower	Upper
117	100		
82	54.3	45.4	68.0
119	58.3	25.6	38.4#





#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.43 min
Lab File: VY012851.D
Acq: 07 Mar 2023 17:42

Instrument :
MSVOA_Y
ClientSampleId :
HR-3-03032023RE

Tgt Ion: 152
Sig Exp Ratio
152 100
115 54.2
150 173.9

