

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012224\
 Data File : VY017075.D
 Acq On : 22 Jan 2024 15:05
 Operator : SY/MD
 Sample : P1207-03
 Misc : 3.53g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 23 01:46:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

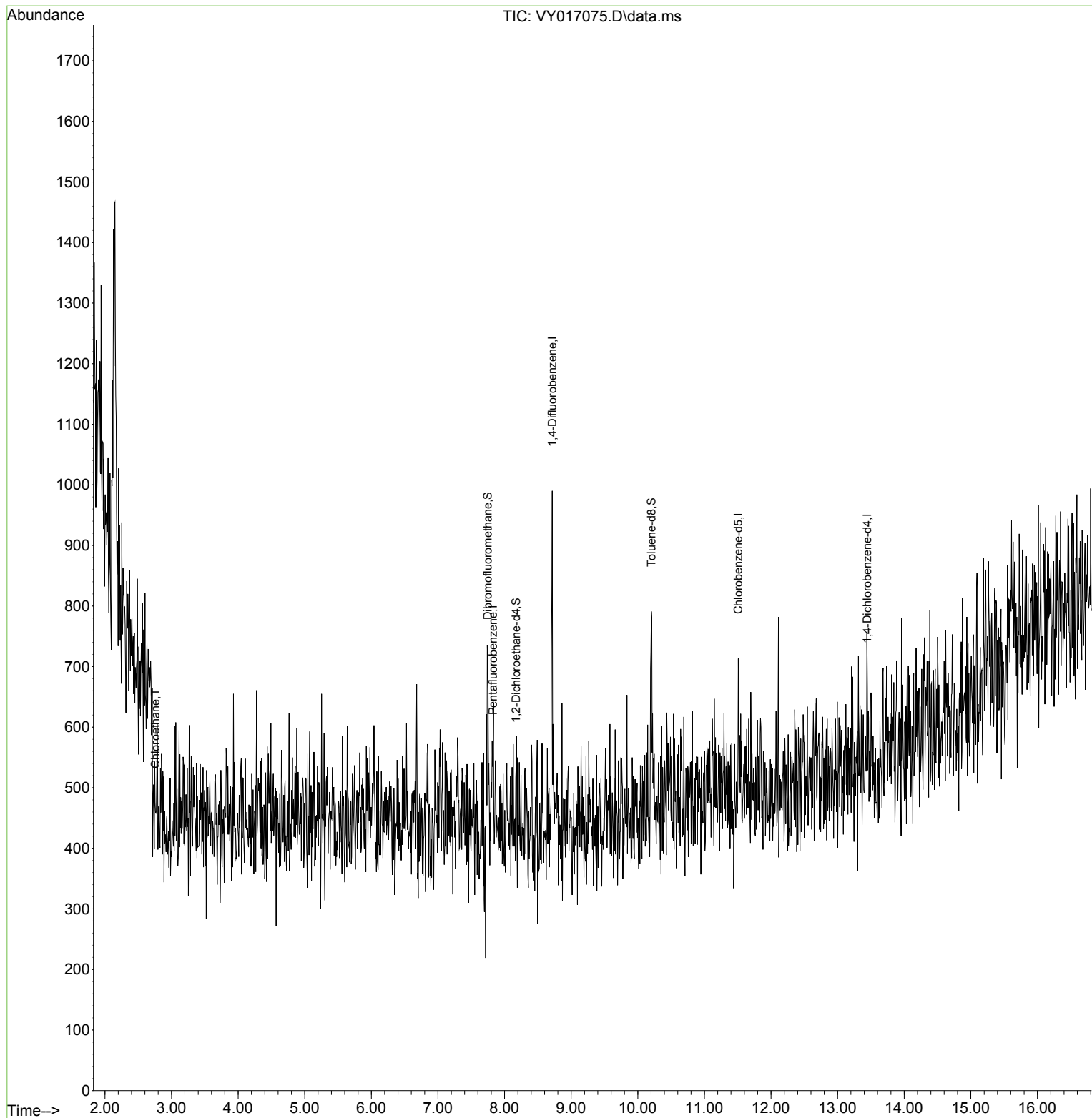
Internal Standards						
1) Pentafluorobenzene	7.826	168	197	50.000	ug/l	# 0.02
34) 1,4-Difluorobenzene	8.716	114	449	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	131	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.447	152	23	50.000	ug/l	# 0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	97	49.818	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.640%
35) Dibromofluoromethane	7.746	113	175	61.163	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	122.320%
50) Toluene-d8	10.203	98	323	32.783	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	65.560%
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	30 - 143	Recovery	=	0.000%#
Target Compounds						
6) Chloroethane	2.759	64	40	21.663	ug/l	# 43

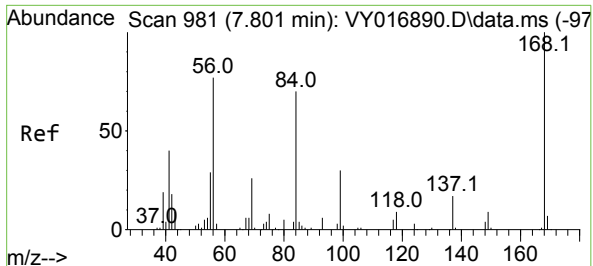
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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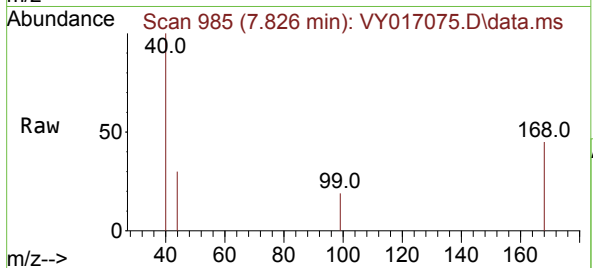
Quant Time: Jan 23 01:46:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
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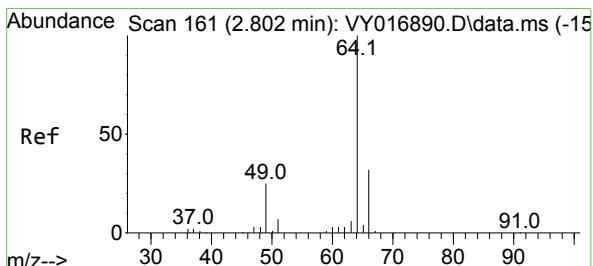
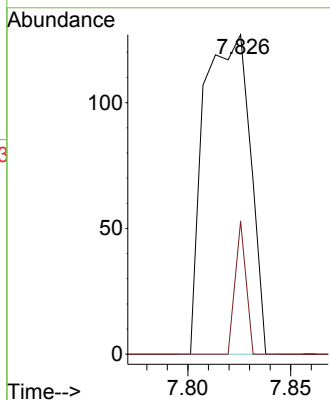
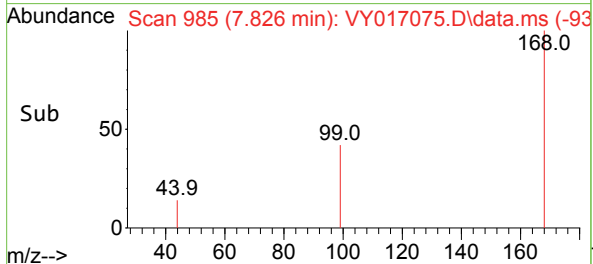


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.826 min Scan# 91
Delta R.T. 0.025 min
Lab File: VY017075.D
Acq: 22 Jan 2024 15:05

Instrument :
MSVOA_Y
ClientSampleId :

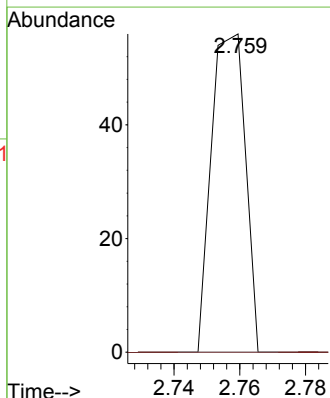
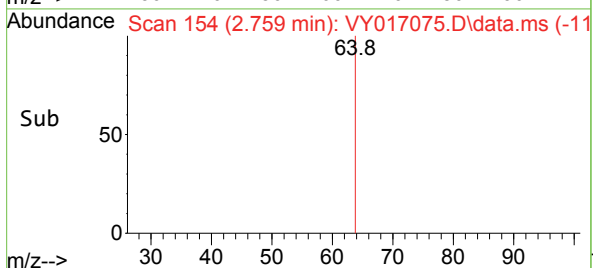
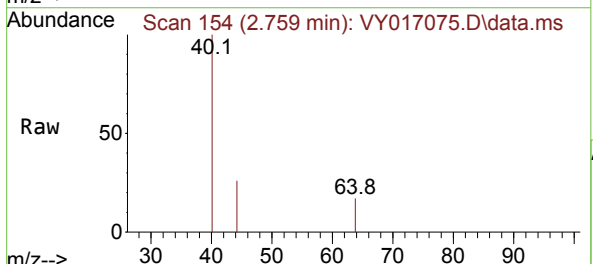


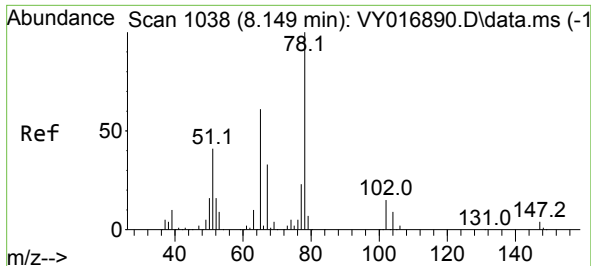
Tgt Ion:168 Resp: 197
Ion Ratio Lower Upper
168 100
99 41.7 44.2 66.4#



#6
Chloroethane
Concen: 21.663 ug/l
RT: 2.759 min Scan# 154
Delta R.T. -0.049 min
Lab File: VY017075.D
Acq: 22 Jan 2024 15:05

Tgt Ion: 64 Resp: 40
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#33

1,2-Dichloroethane-d4

Concen: 49.818 ug/l

RT: 8.173 min Scan# 110

Delta R.T. 0.018 min

Lab File: VY017075.D

Acq: 22 Jan 2024 15:05

Instrument :

MSVOA_Y

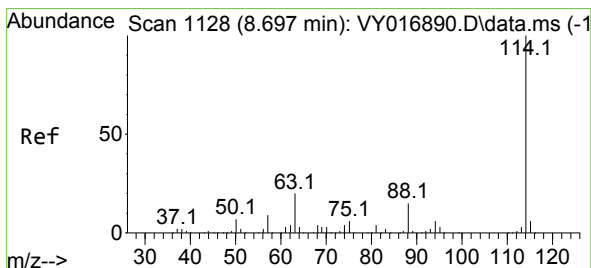
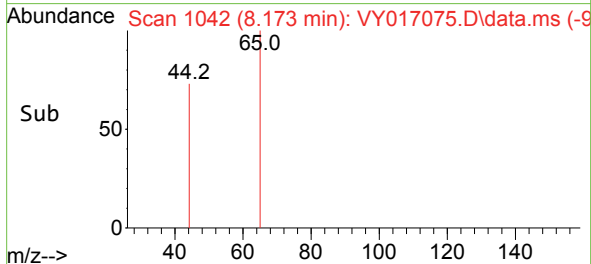
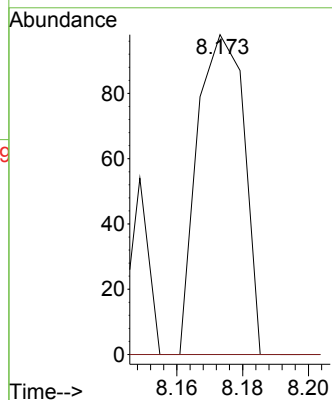
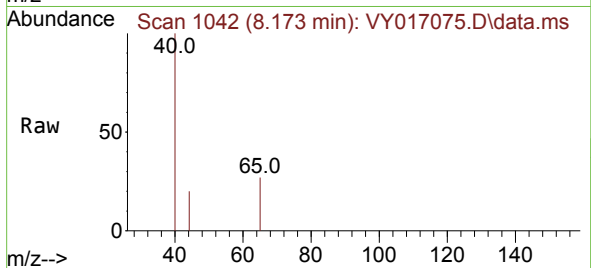
ClientSampleId :

Tgt Ion: 65 Resp: 97

Ion Ratio Lower Upper

65 100

67 0.0 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1131

Delta R.T. 0.013 min

Lab File: VY017075.D

Acq: 22 Jan 2024 15:05

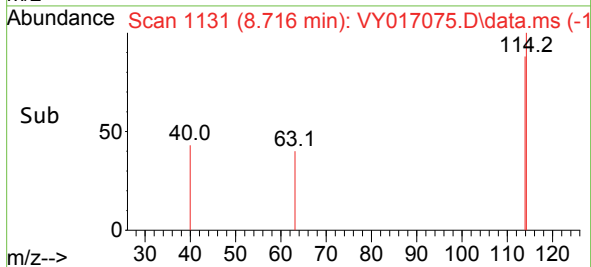
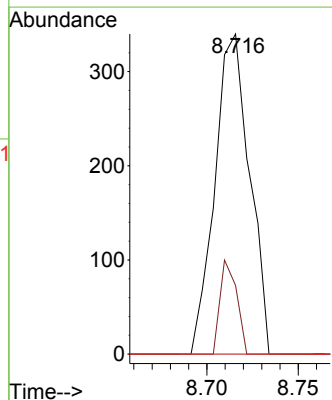
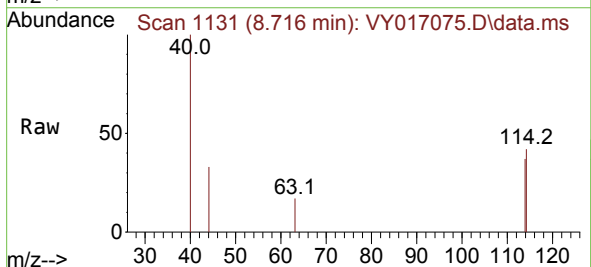
Tgt Ion: 114 Resp: 449

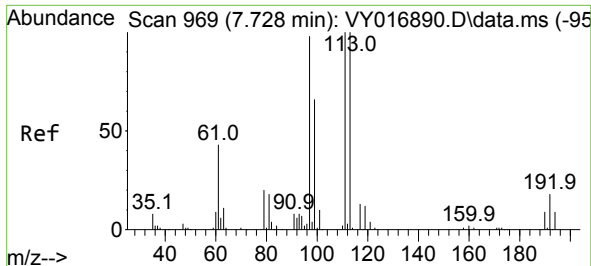
Ion Ratio Lower Upper

114 100

63 21.5 0.0 37.4

88 0.0 0.0 29.0

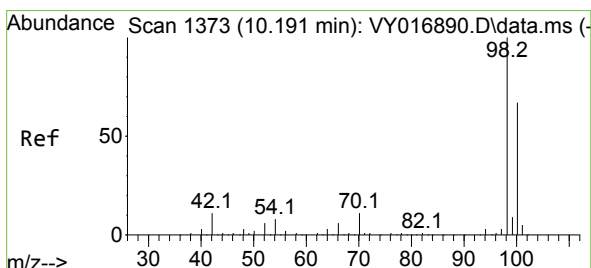
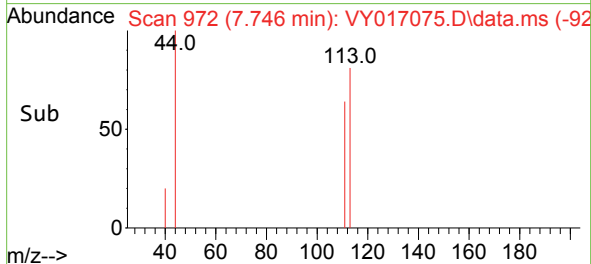
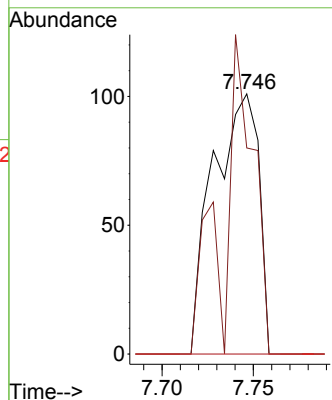
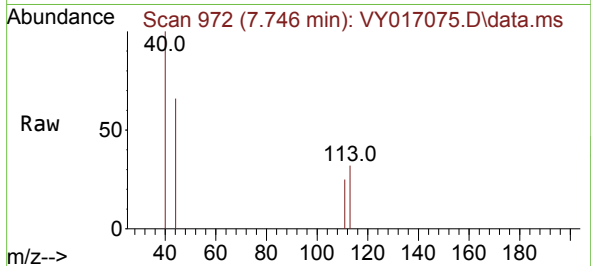




#35
Dibromofluoromethane
Concen: 61.163 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017075.D
Acq: 22 Jan 2024 15:05

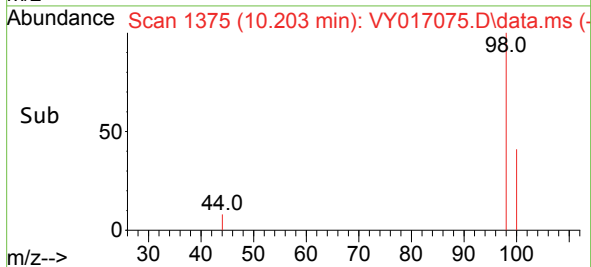
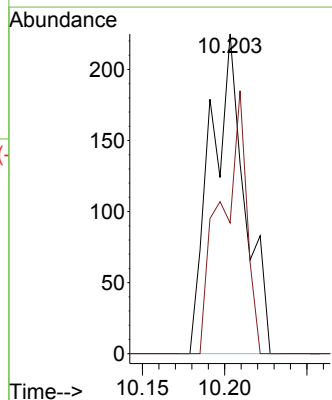
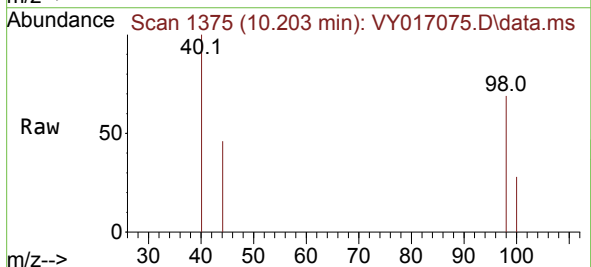
Instrument :
MSVOA_Y
ClientSampleId :

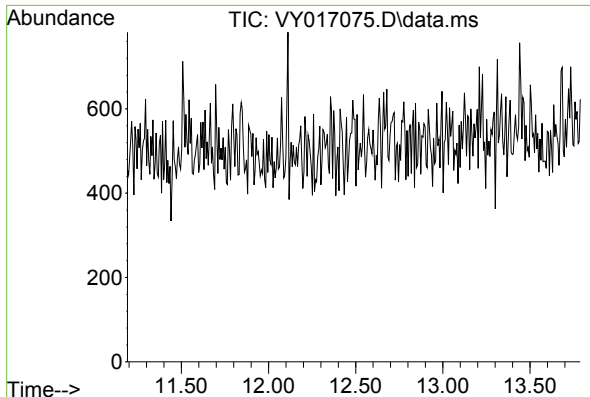
Tgt Ion:113 Resp: 175
Ion Ratio Lower Upper
113 100
111 82.3 83.8 125.6#
192 0.0 14.5 21.7#



#50
Toluene-d8
Concen: 32.783 ug/l
RT: 10.203 min Scan# 1375
Delta R.T. 0.012 min
Lab File: VY017075.D
Acq: 22 Jan 2024 15:05

Tgt Ion: 98 Resp: 323
Ion Ratio Lower Upper
98 100
100 61.6 52.3 78.5



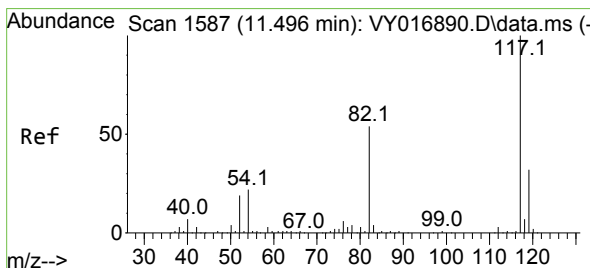
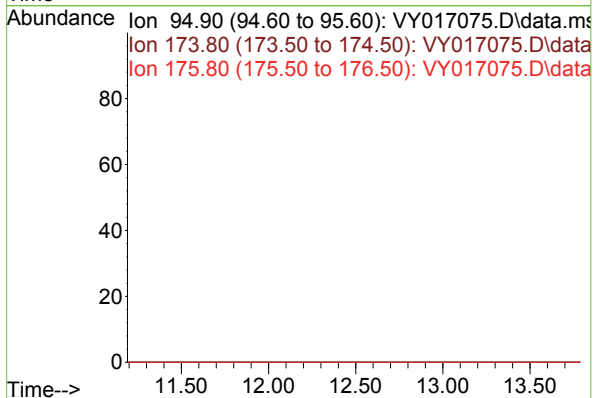


#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.49 min
 Lab File: VY017075.D
 Acq: 22 Jan 2024 15:05

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 95

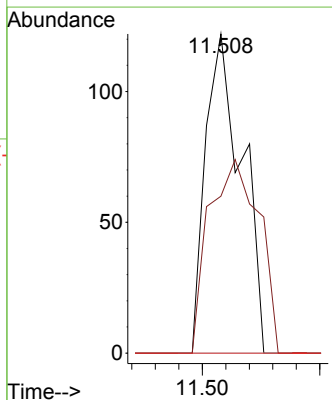
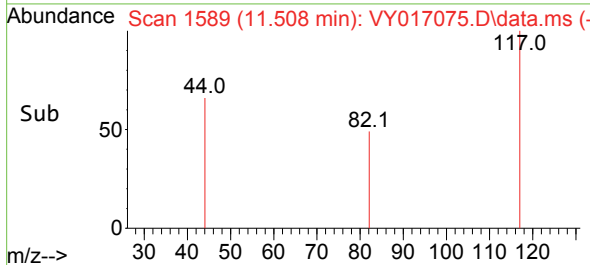
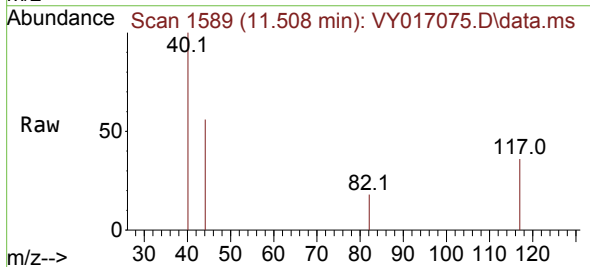
Sig	Exp Ratio
95	100
174	80.0
176	75.9

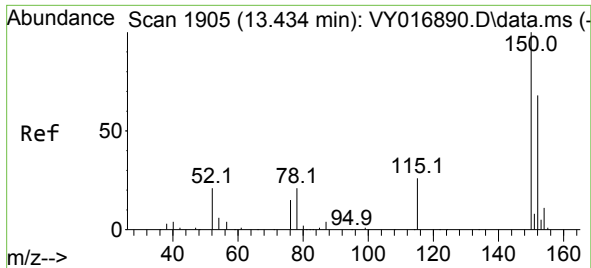


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.508 min Scan# 1589
 Delta R.T. 0.006 min
 Lab File: VY017075.D
 Acq: 22 Jan 2024 15:05

Tgt Ion: 117 Resp: 131

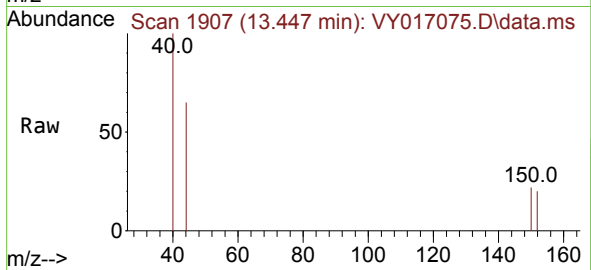
Ion	Ratio	Lower	Upper
117	100		
82	49.2	43.8	65.8
119	0.0	26.5	39.7





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.013 min
Lab File: VY017075.D
Acq: 22 Jan 2024 15:05

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:152 Resp: 23
Ion Ratio Lower Upper
152 100
115 0.0 30.0 90.0#
150 295.7 0.0 344.6

