

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081224\
 Data File : VY018997.D
 Acq On : 12 Aug 2024 13:08
 Operator : SY/MD
 Sample : P3519-07
 Misc : 4.82g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-TS-19-080724

Quant Time: Aug 13 01:13:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

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

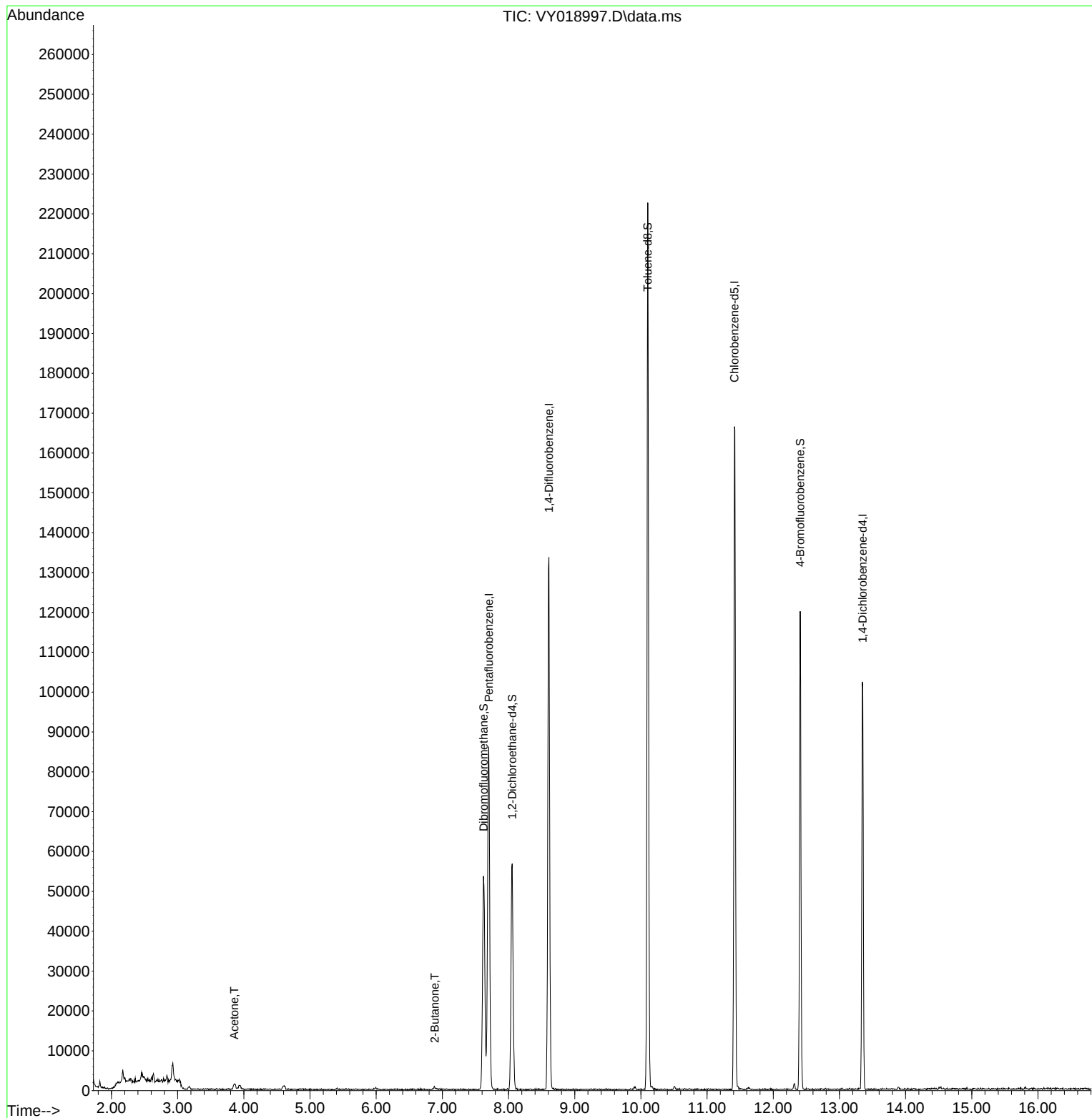
Internal Standards						
1) Pentafluorobenzene	7.701	168	68867	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	113107	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	84942	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	24822	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	35328	58.427	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.860%
35) Dibromofluoromethane	7.622	113	35149	48.656	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.320%
50) Toluene-d8	10.103	98	130439	47.009	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.020%
62) 4-Bromofluorobenzene	12.408	95	28884	35.087	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	70.180%
Target Compounds						
16) Acetone	3.854	43	2486	27.666	ug/l #	62
25) 2-Butanone	6.884	43	1109	5.665	ug/l #	67

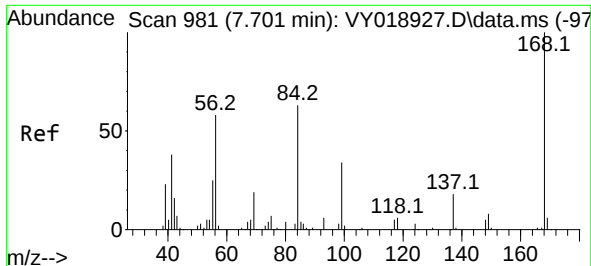
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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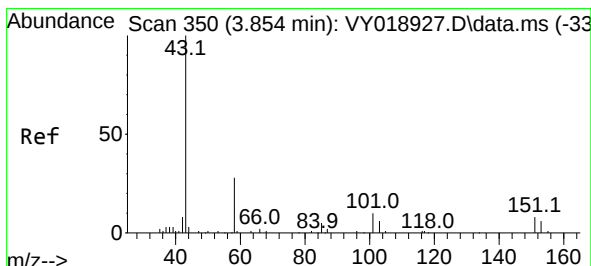
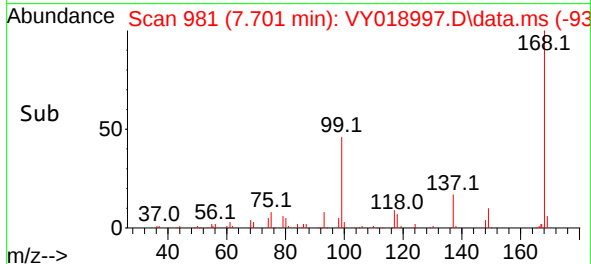
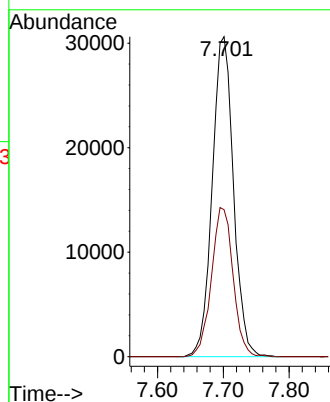
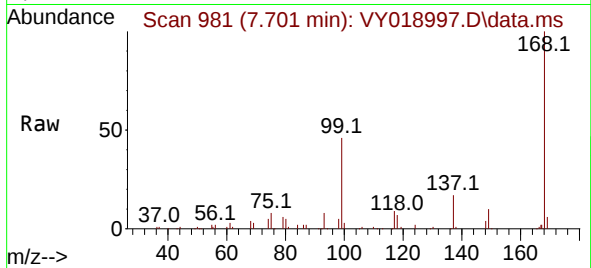




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018997.D
Acq: 12 Aug 2024 13:08

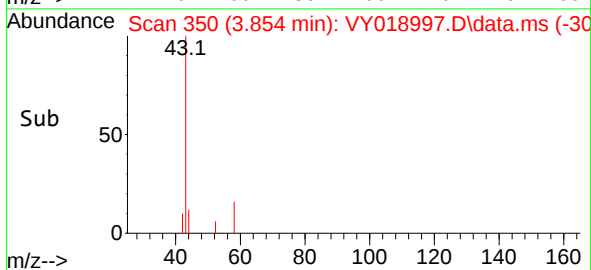
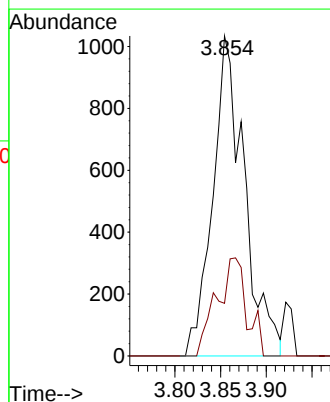
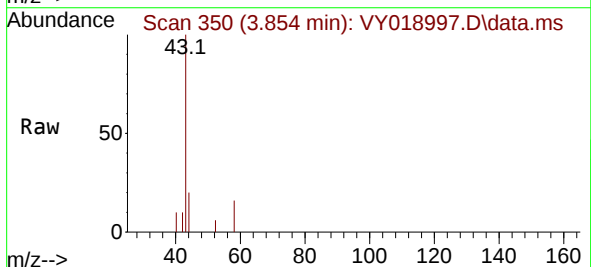
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-19-080724

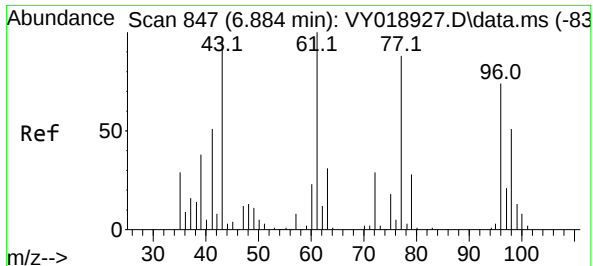
Tgt Ion:168 Resp: 68867
Ion Ratio Lower Upper
168 100
99 45.9 39.1 58.7



#16
Acetone
Concen: 27.666 ug/l
RT: 3.854 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY018997.D
Acq: 12 Aug 2024 13:08

Tgt Ion: 43 Resp: 2486
Ion Ratio Lower Upper
43 100
58 16.4 31.7 47.5#

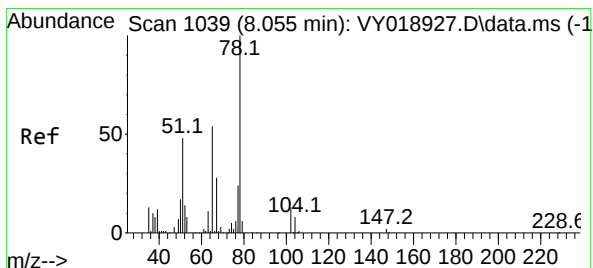
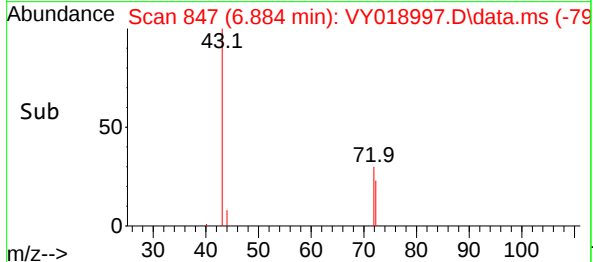
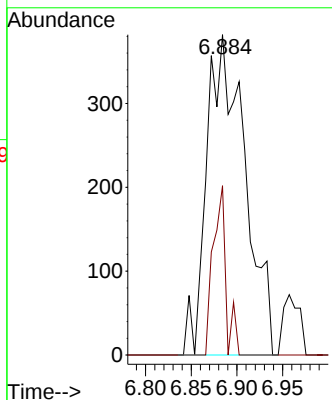
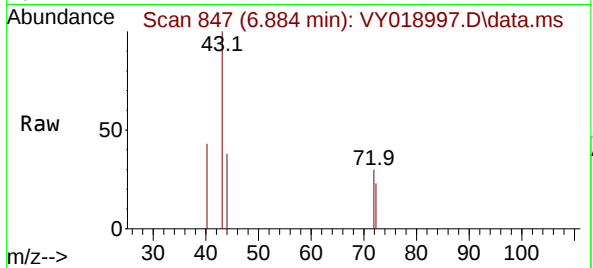




#25
2-Butanone
Concen: 5.665 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY018997.D
Acq: 12 Aug 2024 13:08

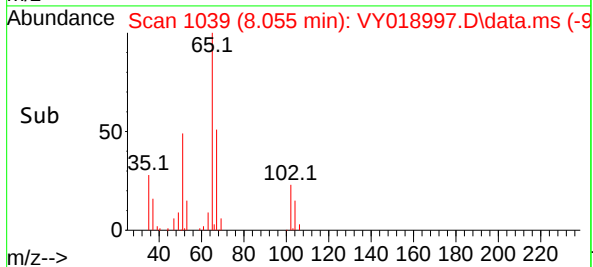
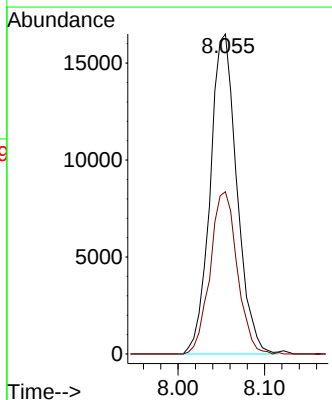
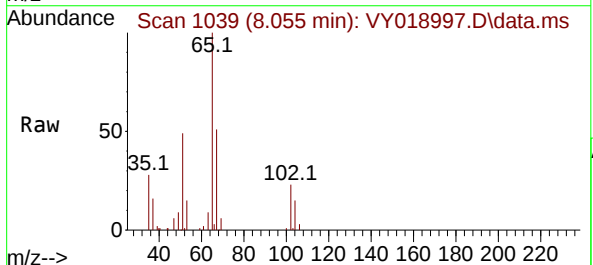
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-19-080724

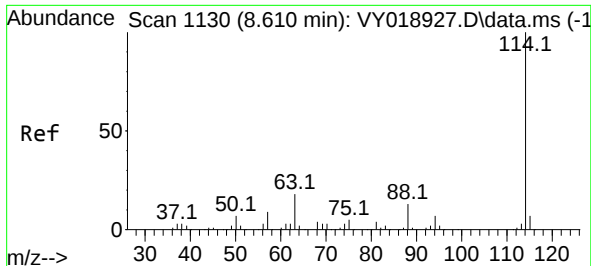
Tgt Ion: 43 Resp: 1109
Ion Ratio Lower Upper
43 100
72 52.9 27.3 40.9#



#33
1,2-Dichloroethane-d4
Concen: 58.427 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY018997.D
Acq: 12 Aug 2024 13:08

Tgt Ion: 65 Resp: 35328
Ion Ratio Lower Upper
65 100
67 51.3 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VY018997.D

Acq: 12 Aug 2024 13:08

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-19-080724

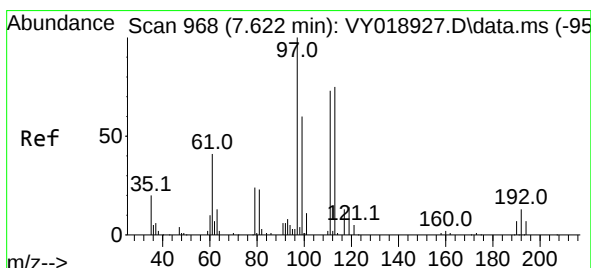
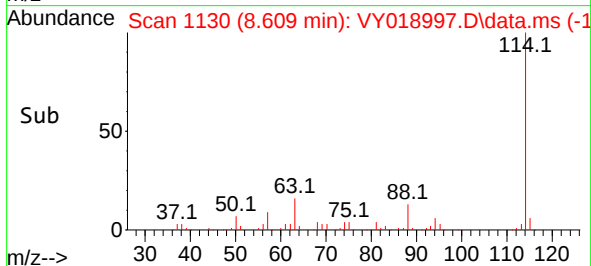
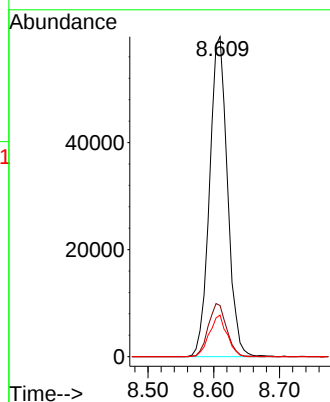
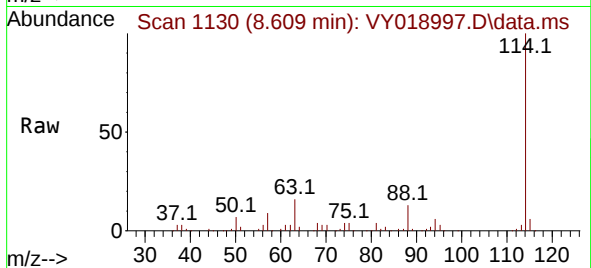
Tgt Ion:114 Resp: 113107

Ion Ratio Lower Upper

114 100

63 16.0 0.0 35.0

88 13.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.656 ug/l

RT: 7.622 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY018997.D

Acq: 12 Aug 2024 13:08

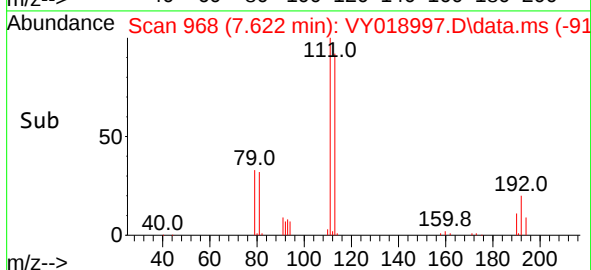
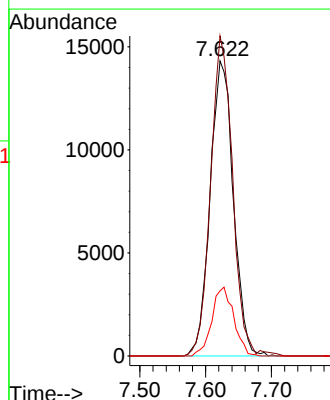
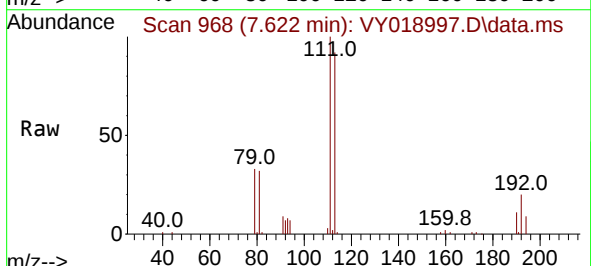
Tgt Ion:113 Resp: 35149

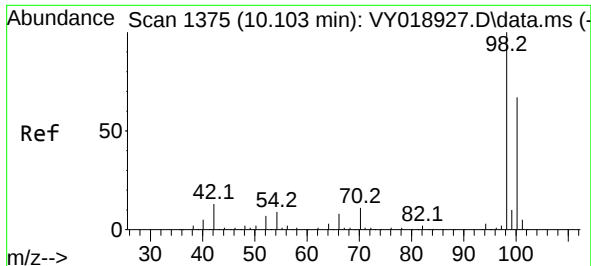
Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.4

192 22.0 15.9 23.9

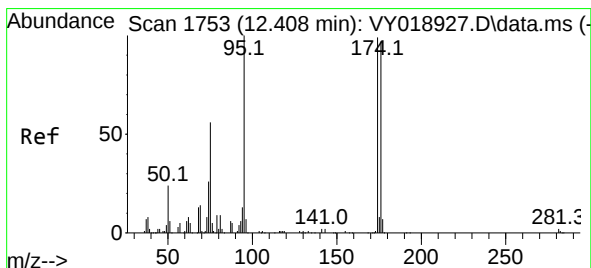
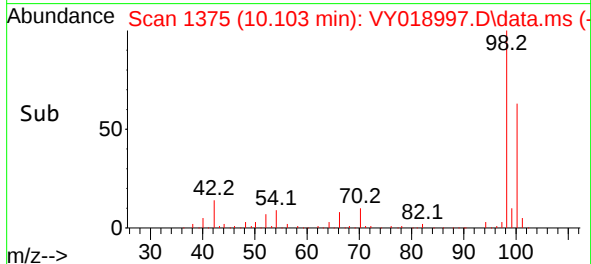
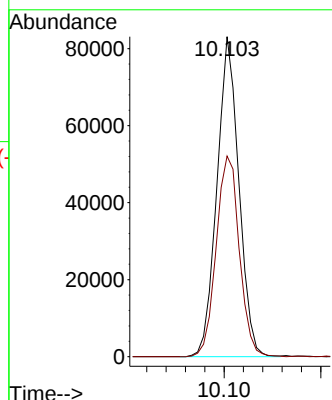
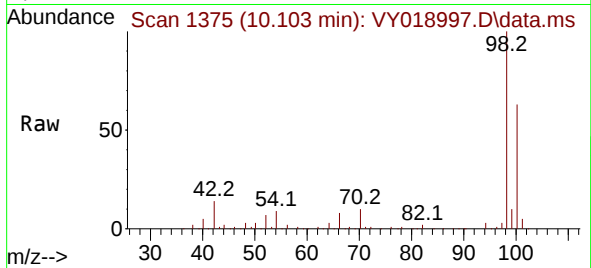




#50
Toluene-d8
Concen: 47.009 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018997.D
Acq: 12 Aug 2024 13:08

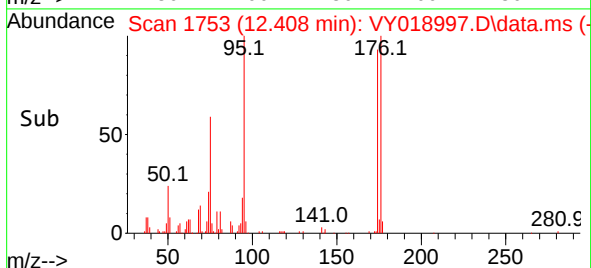
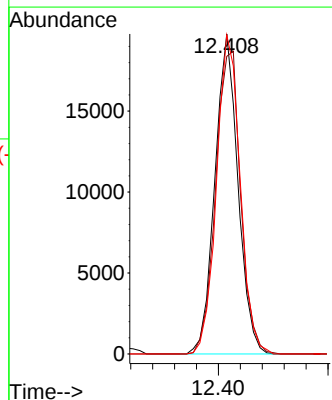
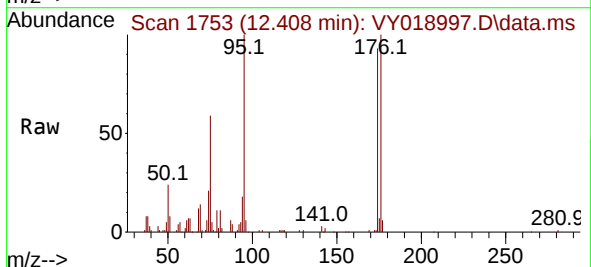
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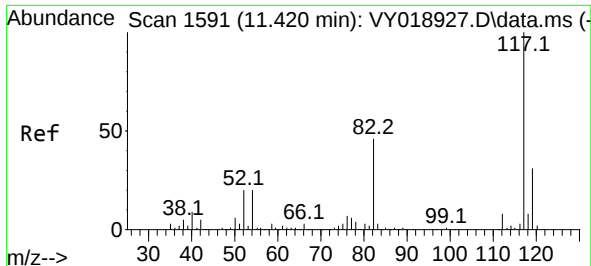
Tgt Ion: 98 Resp: 130439
Ion Ratio Lower Upper
98 100
100 66.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 35.087 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY018997.D
Acq: 12 Aug 2024 13:08

Tgt Ion: 95 Resp: 28884
Ion Ratio Lower Upper
95 100
174 102.6 0.0 175.6
176 101.7 0.0 171.4

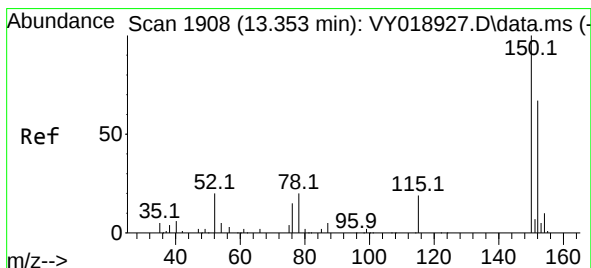
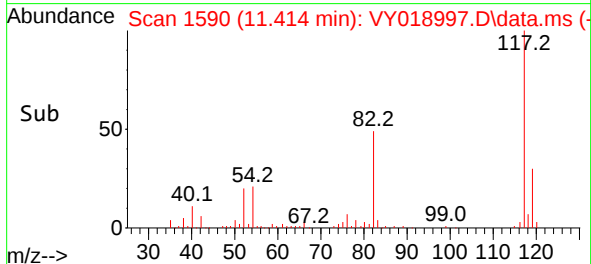
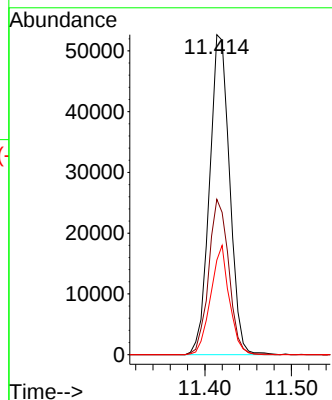
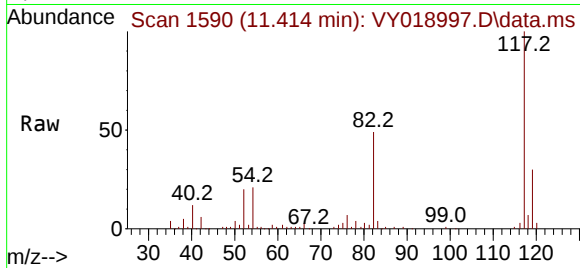




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018997.D
Acq: 12 Aug 2024 13:08

Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-19-080724

Tgt Ion:117 Resp: 84942
Ion Ratio Lower Upper
117 100
82 48.5 42.4 63.6
119 29.6 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY018997.D
Acq: 12 Aug 2024 13:08

Tgt Ion:152 Resp: 24822
Ion Ratio Lower Upper
152 100
115 51.7 28.2 84.7
150 160.9 0.0 345.6

