

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081224\
 Data File : VY018995.D
 Acq On : 12 Aug 2024 12:20
 Operator : SY/MD
 Sample : P3519-03
 Misc : 3.80g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-TS-17-080724

Quant Time: Aug 13 01:12:55 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)

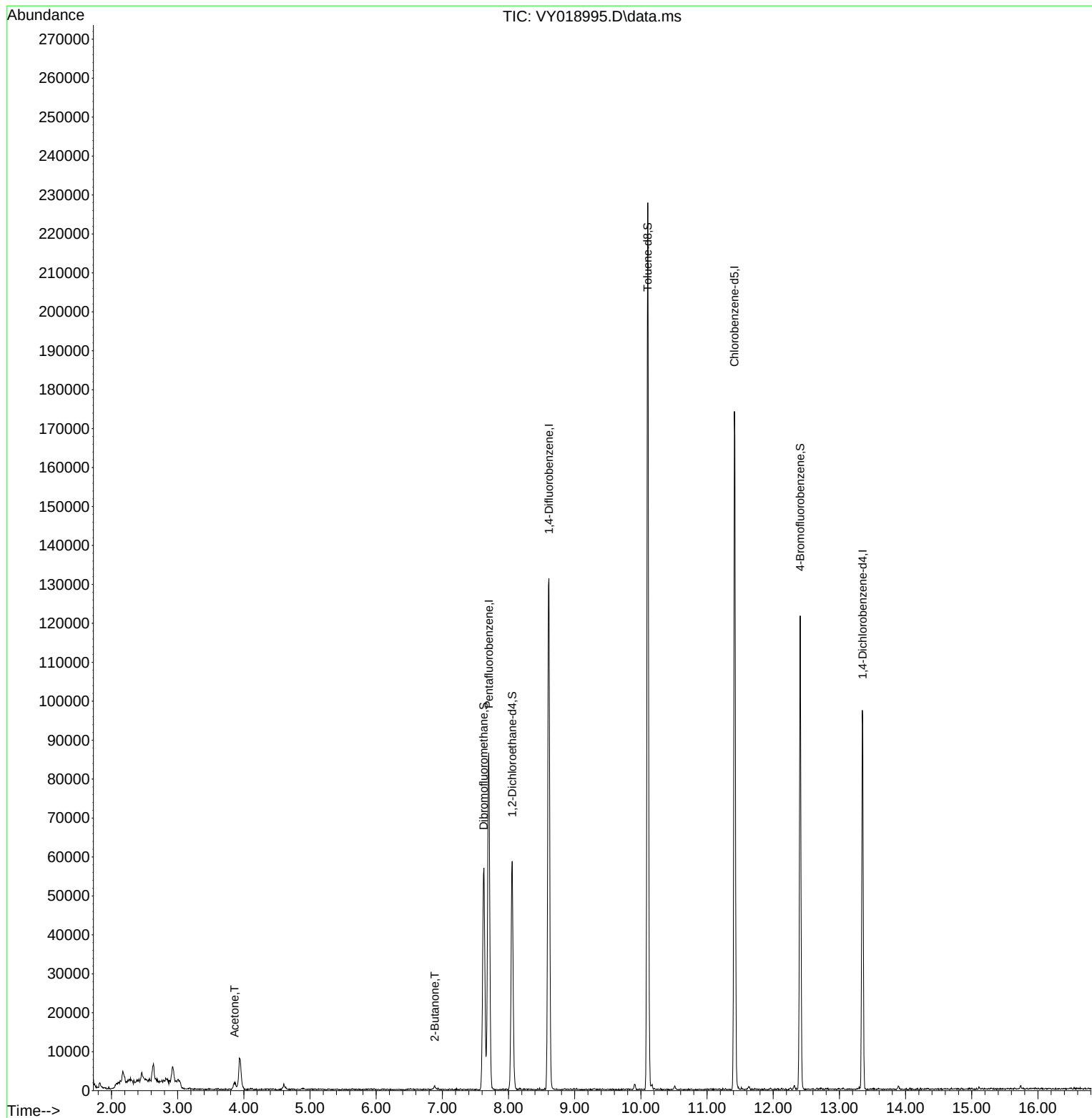
Internal Standards						
1) Pentafluorobenzene	7.701	168	70726	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	116099	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	86788	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	24209	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	35517	57.196	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.400%
35) Dibromofluoromethane	7.622	113	37134	50.079	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.160%
50) Toluene-d8	10.103	98	136876	48.058	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.120%
62) 4-Bromofluorobenzene	12.408	95	29288	34.661	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	69.320%
Target Compounds						Qvalue
16) Acetone	3.860	43	3316	32.210	ug/l #	59
25) 2-Butanone	6.884	43	1164	5.789	ug/l	89

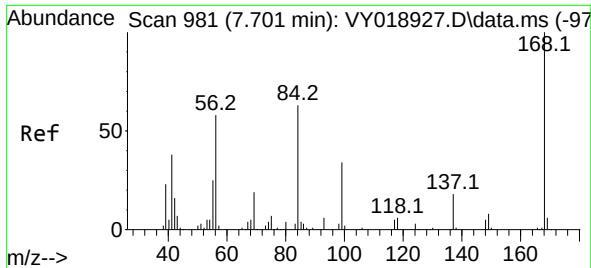
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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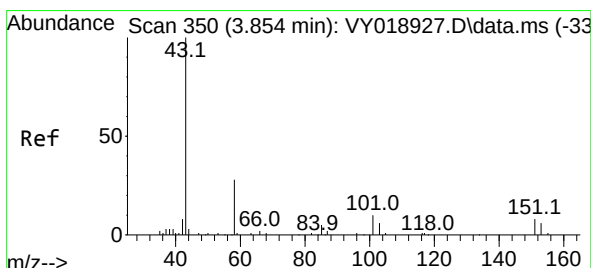
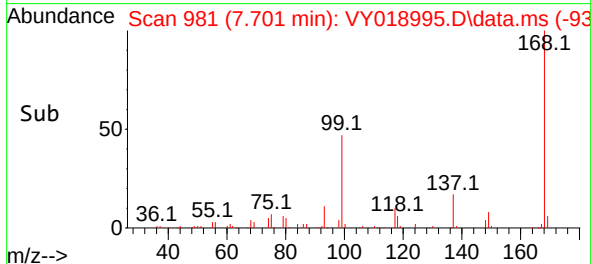
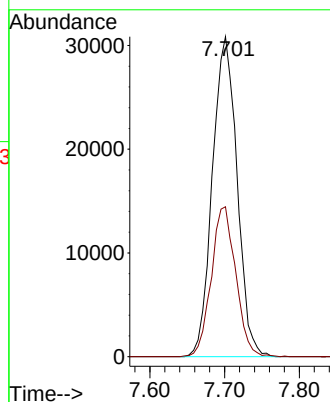
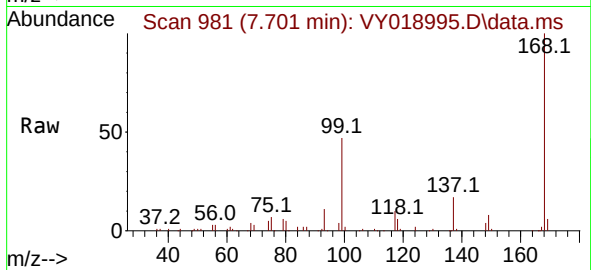




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY018995.D
Acq: 12 Aug 2024 12:20

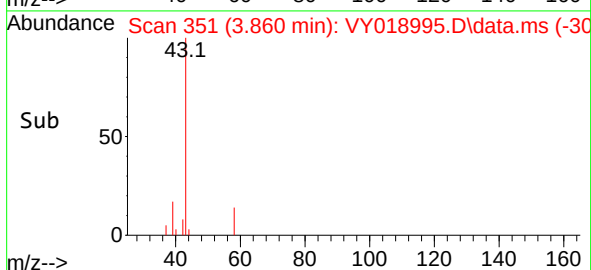
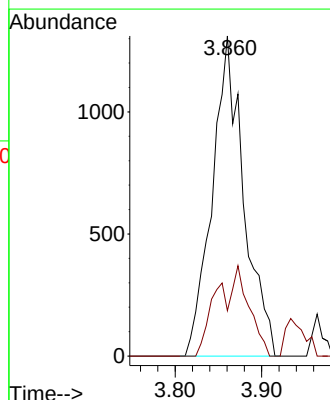
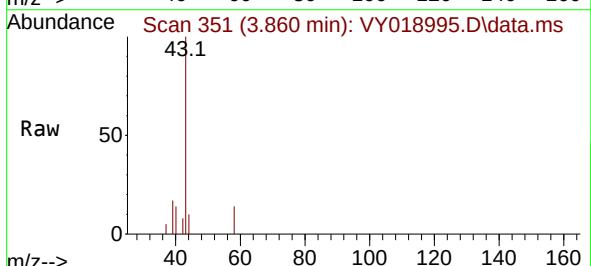
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-17-080724

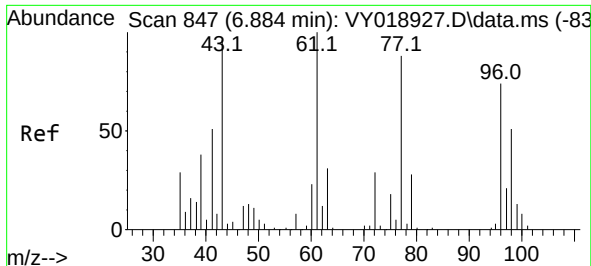
Tgt Ion:168 Resp: 70726
Ion Ratio Lower Upper
168 100
99 46.8 39.1 58.7



#16
Acetone
Concen: 32.210 ug/l
RT: 3.860 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY018995.D
Acq: 12 Aug 2024 12:20

Tgt Ion: 43 Resp: 3316
Ion Ratio Lower Upper
43 100
58 14.2 31.7 47.5#





#25

2-Butanone

Concen: 5.789 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY018995.D

Acq: 12 Aug 2024 12:20

Instrument :

MSVOA_Y

ClientSampleId :

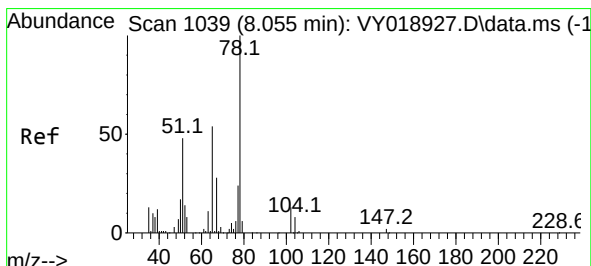
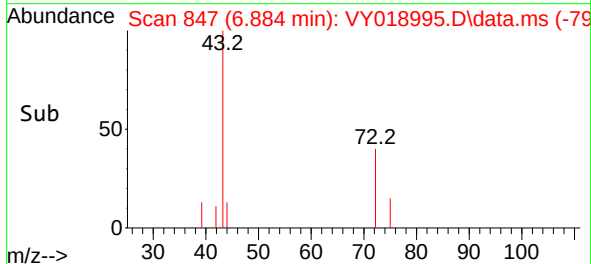
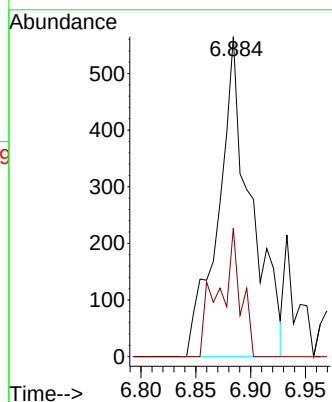
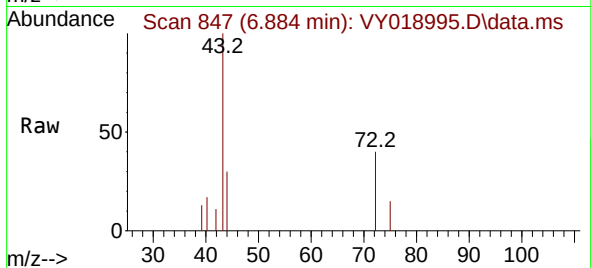
OU4-TS-17-080724

Tgt Ion: 43 Resp: 1164

Ion Ratio Lower Upper

43 100

72 40.2 27.3 40.9



#33

1,2-Dichloroethane-d4

Concen: 57.196 ug/l

RT: 8.055 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY018995.D

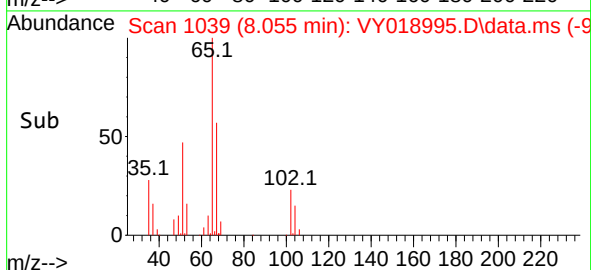
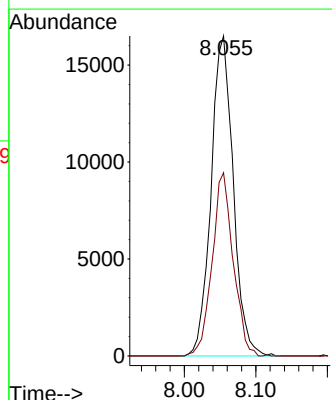
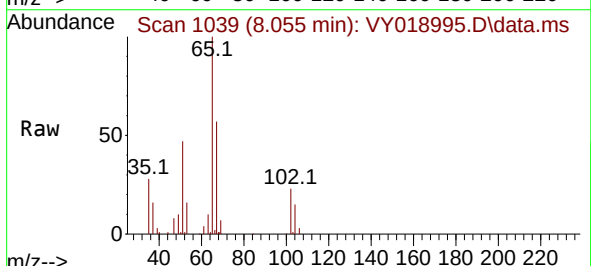
Acq: 12 Aug 2024 12:20

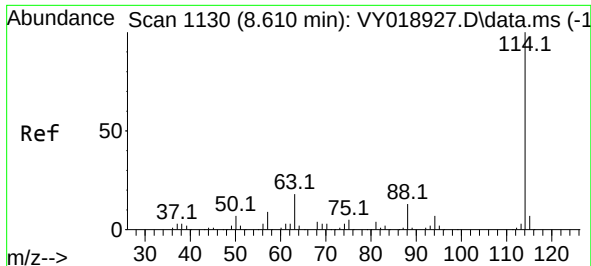
Tgt Ion: 65 Resp: 35517

Ion Ratio Lower Upper

65 100

67 54.4 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VY018995.D

Acq: 12 Aug 2024 12:20

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-17-080724

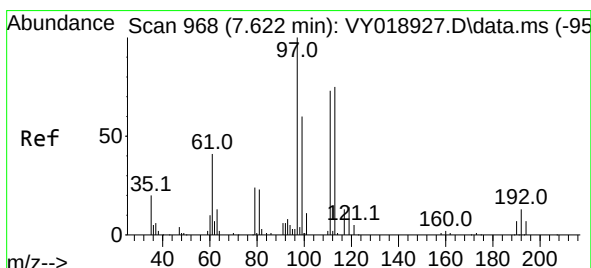
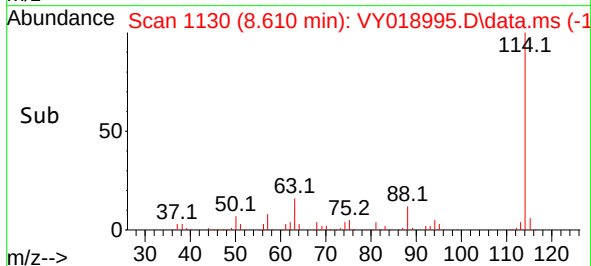
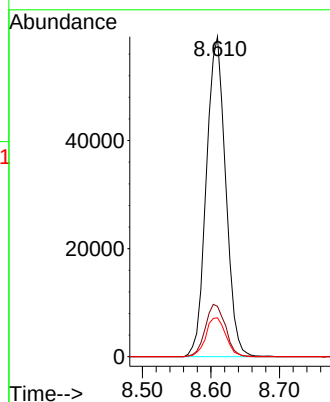
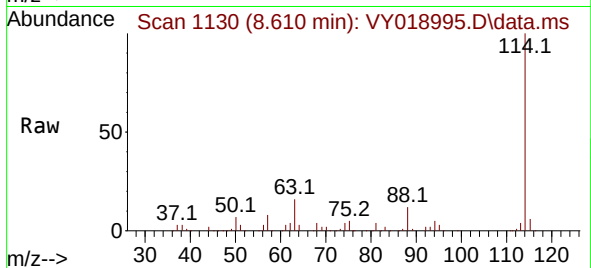
Tgt Ion:114 Resp: 116099

Ion Ratio Lower Upper

114 100

63 15.7 0.0 35.0

88 12.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.079 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY018995.D

Acq: 12 Aug 2024 12:20

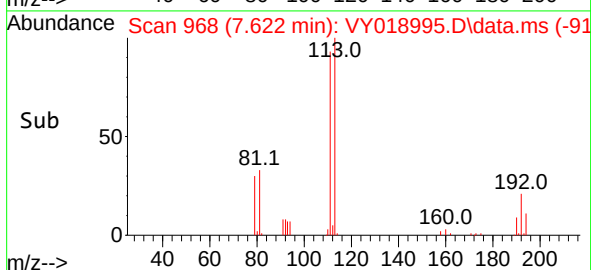
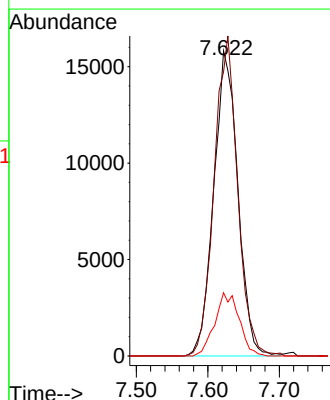
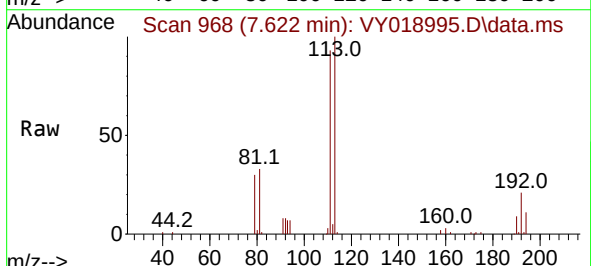
Tgt Ion:113 Resp: 37134

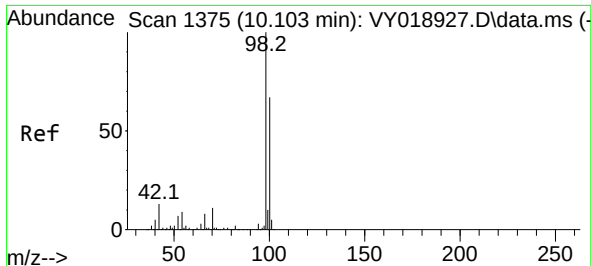
Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.4

192 20.9 15.9 23.9

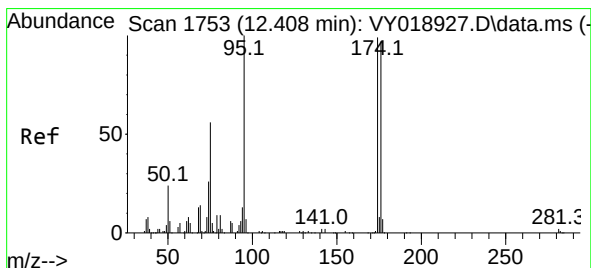
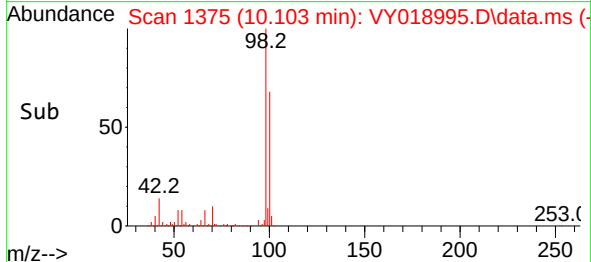
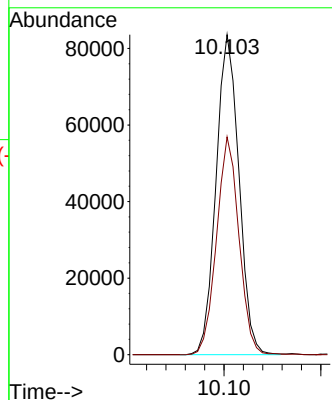
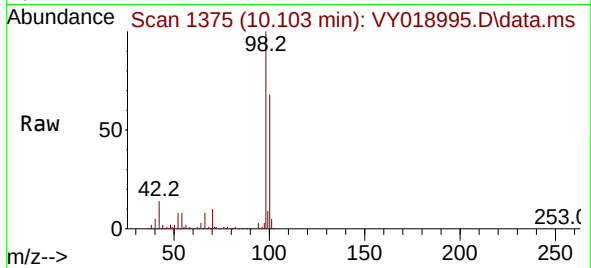




#50
Toluene-d8
Concen: 48.058 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018995.D
Acq: 12 Aug 2024 12:20

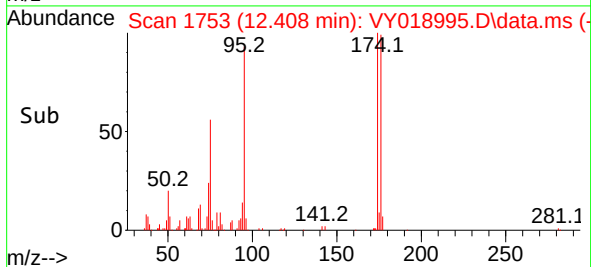
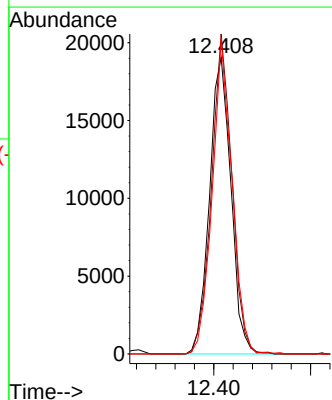
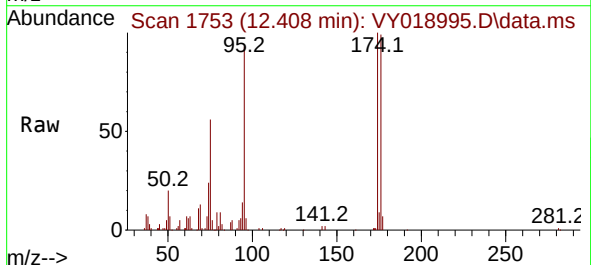
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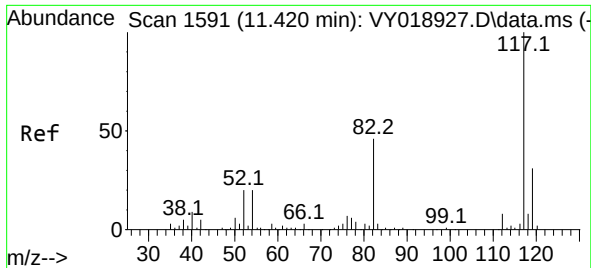
Tgt Ion: 98 Resp: 136876
Ion Ratio Lower Upper
98 100
100 66.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 34.661 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY018995.D
Acq: 12 Aug 2024 12:20

Tgt Ion: 95 Resp: 29288
Ion Ratio Lower Upper
95 100
174 102.8 0.0 175.6
176 98.4 0.0 171.4

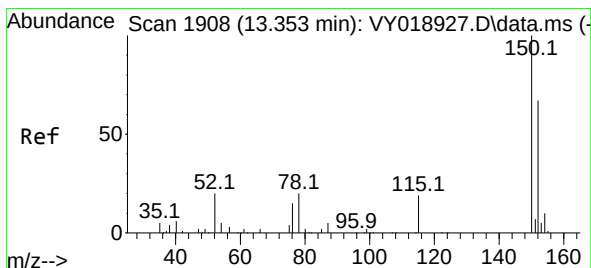
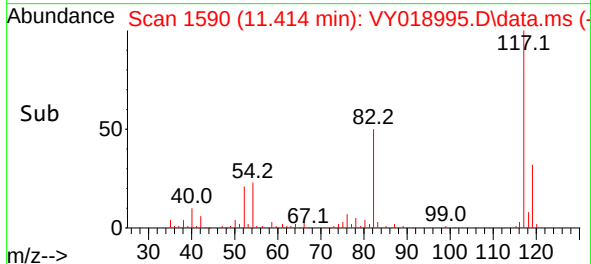
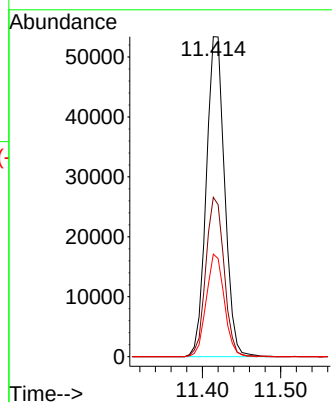
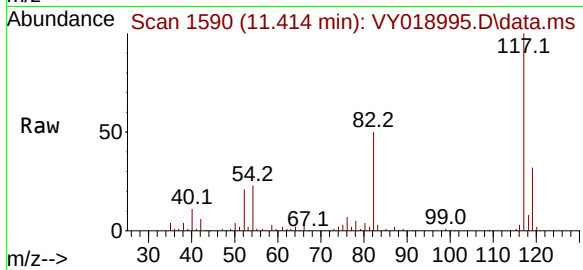




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY018995.D
Acq: 12 Aug 2024 12:20

Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-17-080724

Tgt Ion:117 Resp: 86788
Ion Ratio Lower Upper
117 100
82 49.8 42.4 63.6
119 32.0 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY018995.D
Acq: 12 Aug 2024 12:20

Tgt Ion:152 Resp: 24209
Ion Ratio Lower Upper
152 100
115 52.1 28.2 84.7
150 151.1 0.0 345.6

