

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081324\
 Data File : VY019024.D
 Acq On : 13 Aug 2024 13:03
 Operator : SY/MD
 Sample : P3519-01RE
 Misc : 4.80g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-TS-16-080724RE

Quant Time: Aug 14 07:28:04 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)

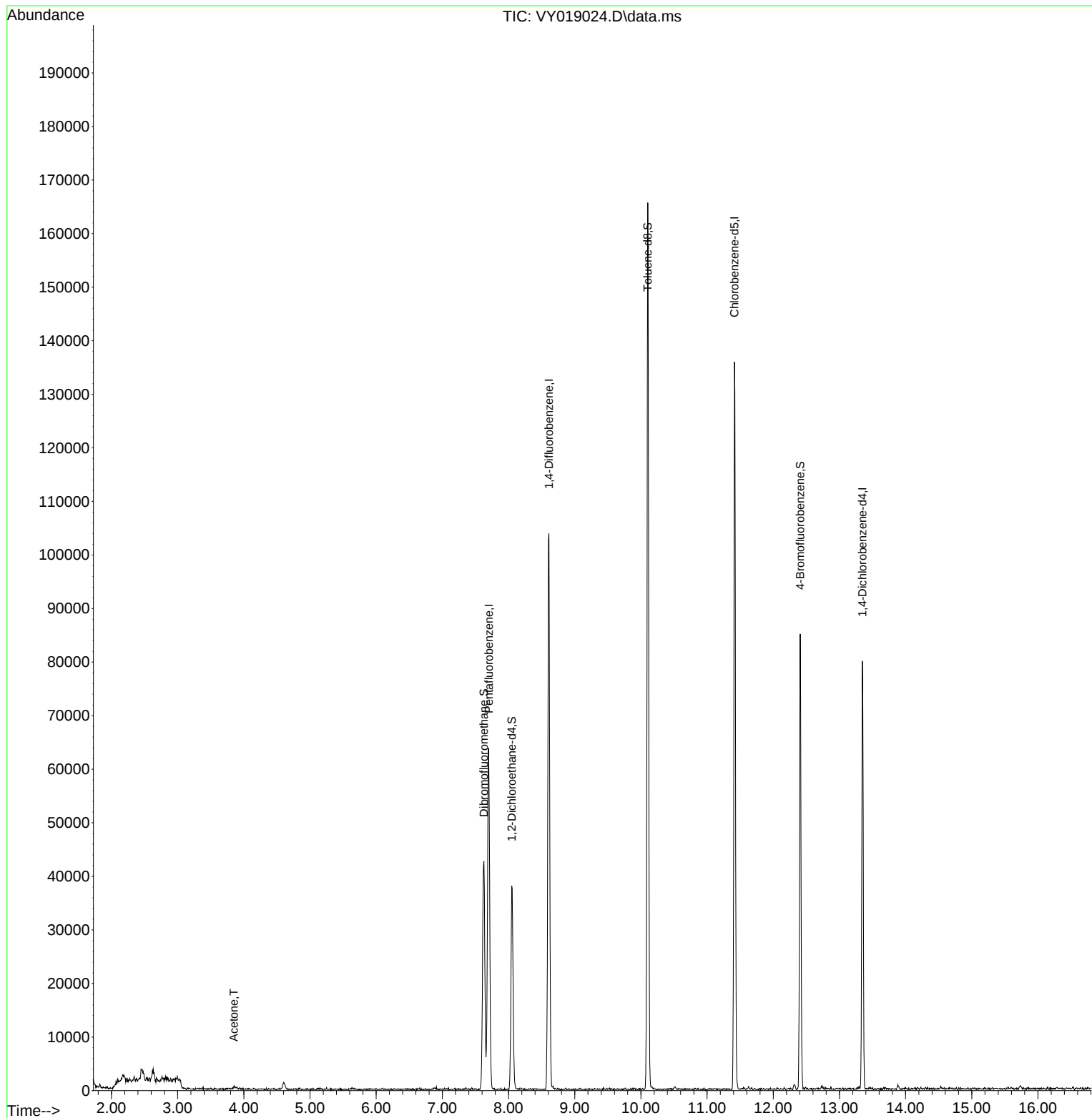
Internal Standards						
1) Pentafluorobenzene	7.701	168	51416	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	90140	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	67851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	18919	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	23343	51.709	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.420%
35) Dibromofluoromethane	7.628	113	27819	48.321	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.640%
50) Toluene-d8	10.103	98	101073	45.707	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.420%
62) 4-Bromofluorobenzene	12.407	95	20041	30.548	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	61.100%
Target Compounds						
16) Acetone	3.848	43	1007	20.728	ug/l	Qvalue 98

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

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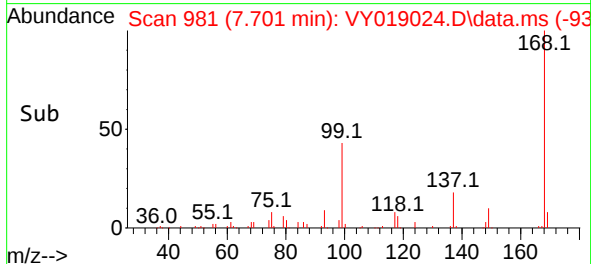
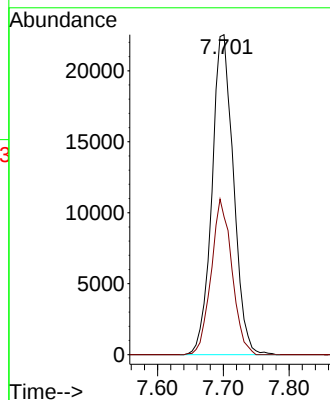
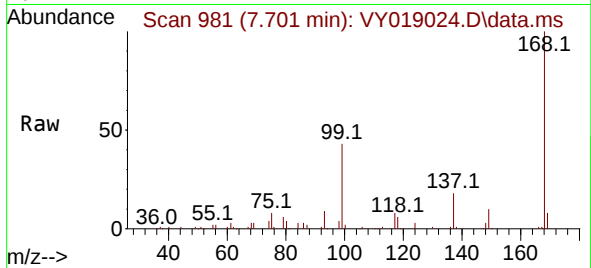




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019024.D
Acq: 13 Aug 2024 13:03

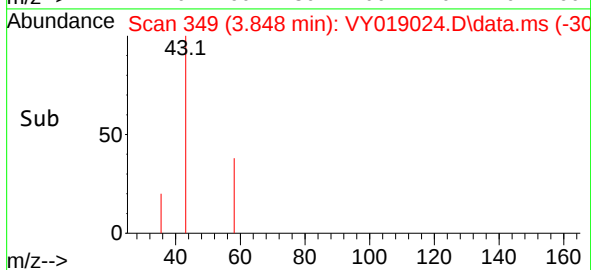
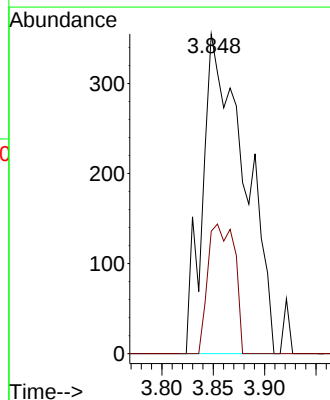
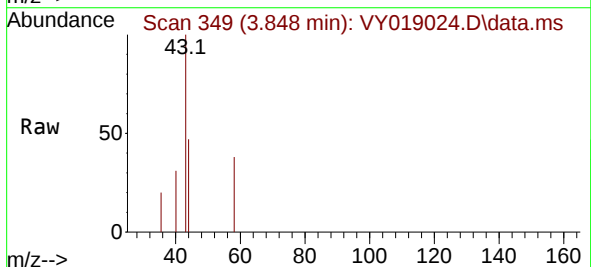
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-16-080724RE

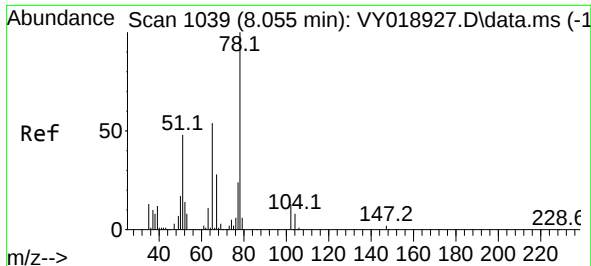
Tgt Ion:168 Resp: 51416
Ion Ratio Lower Upper
168 100
99 43.1 39.1 58.7



#16
Acetone
Concen: 20.728 ug/l
RT: 3.848 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY019024.D
Acq: 13 Aug 2024 13:03

Tgt Ion: 43 Resp: 1007
Ion Ratio Lower Upper
43 100
58 38.3 31.7 47.5





#33

1,2-Dichloroethane-d4

Concen: 51.709 ug/l

RT: 8.049 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VY019024.D

Acq: 13 Aug 2024 13:03

Instrument :

MSVOA_Y

ClientSampleId :

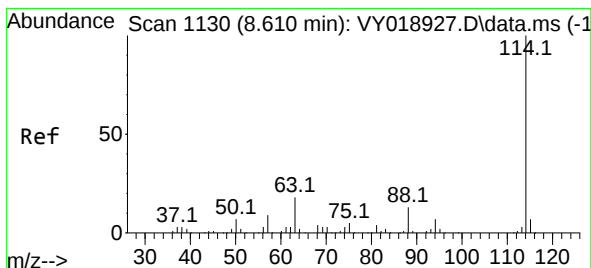
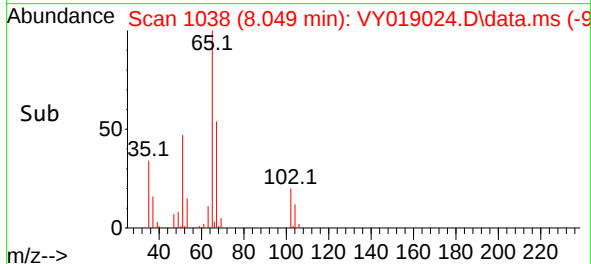
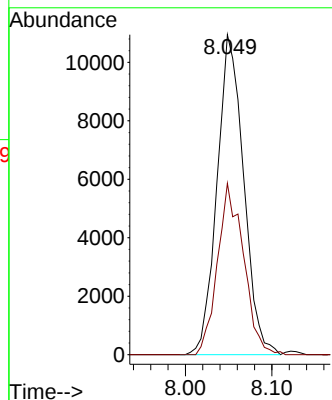
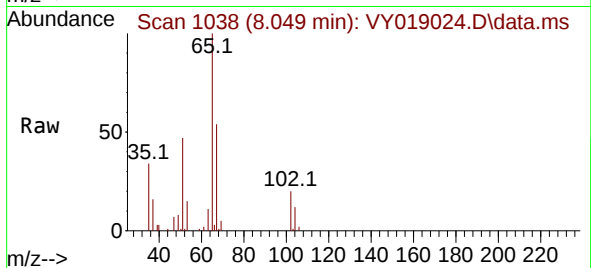
OU4-TS-16-080724RE

Tgt Ion: 65 Resp: 23343

Ion Ratio Lower Upper

65 100

67 52.4 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: VY019024.D

Acq: 13 Aug 2024 13:03

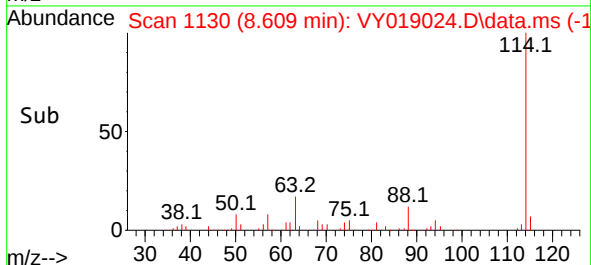
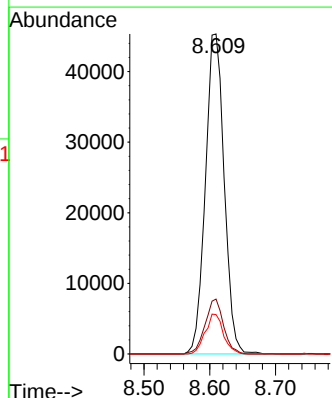
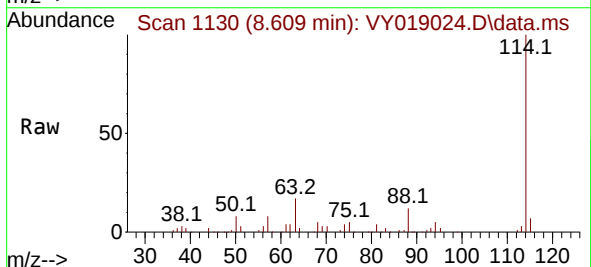
Tgt Ion: 114 Resp: 90140

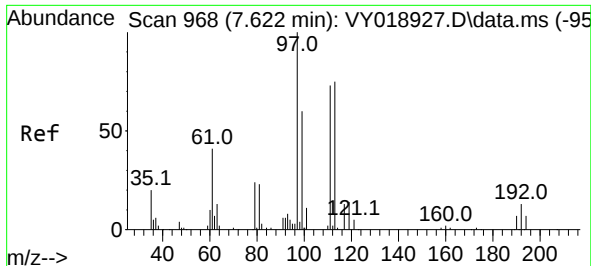
Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.0

88 12.3 0.0 27.2

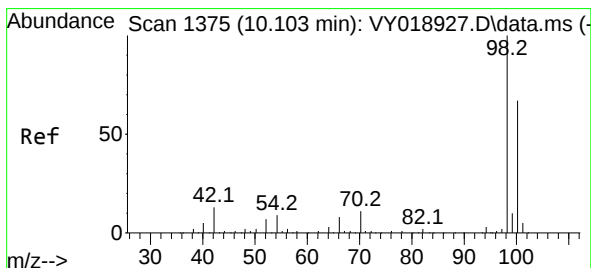
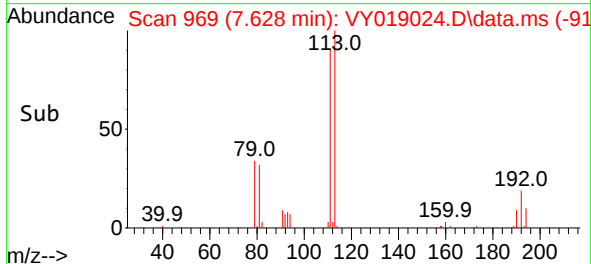
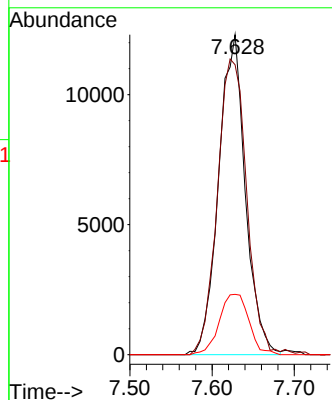
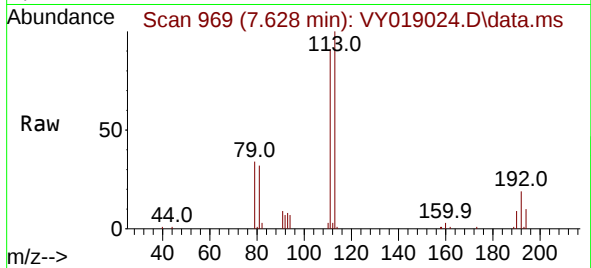




#35
Dibromofluoromethane
Concen: 48.321 ug/l
RT: 7.628 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY019024.D
Acq: 13 Aug 2024 13:03

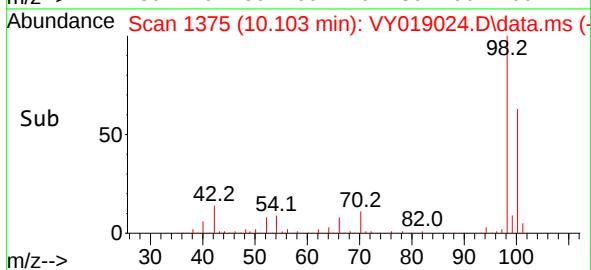
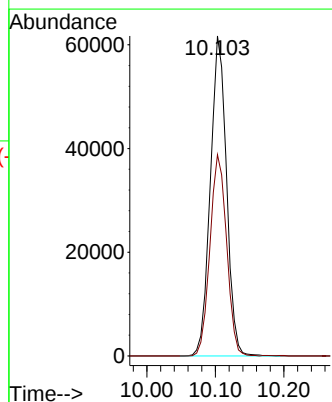
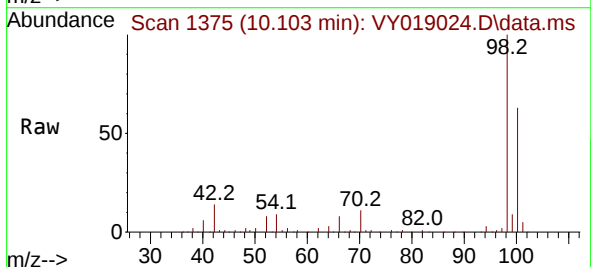
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-16-080724RE

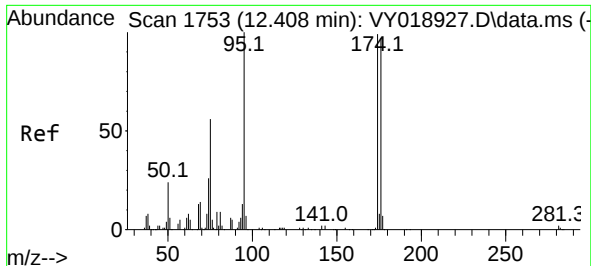
Tgt Ion:113 Resp: 27819
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.4
192 21.0 15.9 23.9



#50
Toluene-d8
Concen: 45.707 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY019024.D
Acq: 13 Aug 2024 13:03

Tgt Ion: 98 Resp: 101073
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 30.548 ug/l

RT: 12.407 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY019024.D

Acq: 13 Aug 2024 13:03

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-16-080724RE

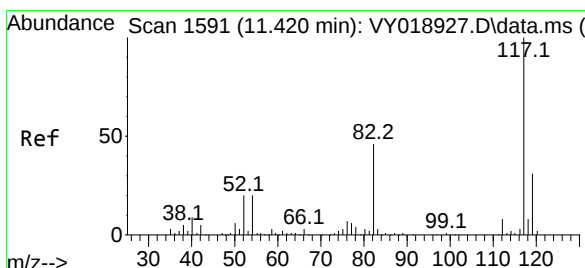
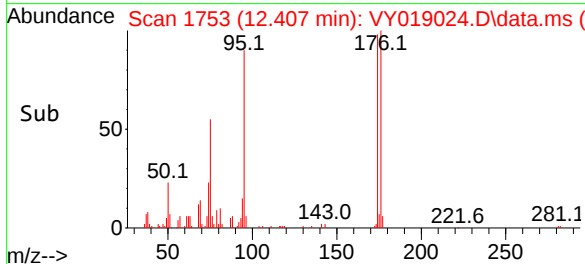
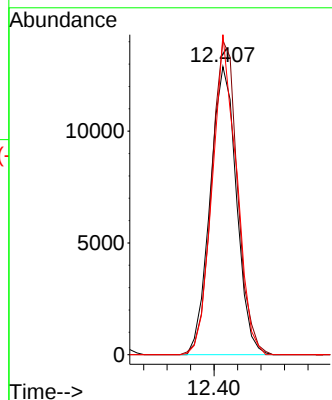
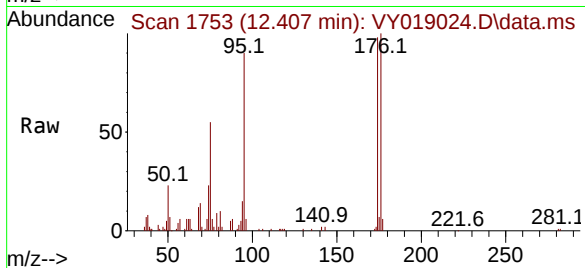
Tgt Ion: 95 Resp: 20041

Ion Ratio Lower Upper

95 100

174 107.1 0.0 175.6

176 101.9 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY019024.D

Acq: 13 Aug 2024 13:03

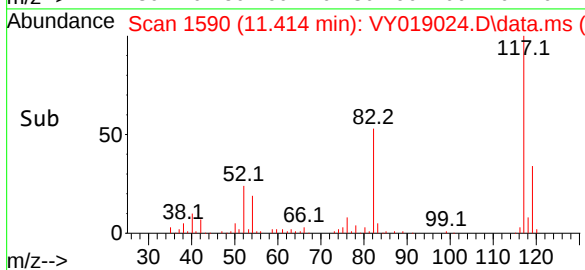
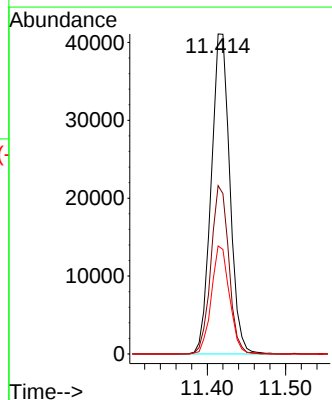
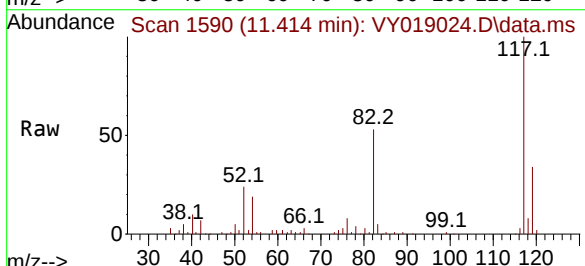
Tgt Ion: 117 Resp: 67851

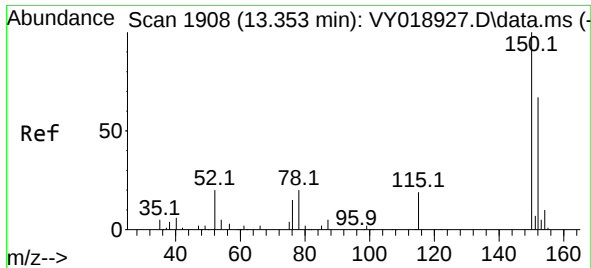
Ion Ratio Lower Upper

117 100

82 52.6 42.4 63.6

119 33.8 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY019024.D

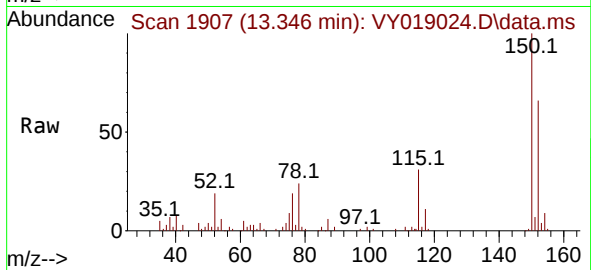
Acq: 13 Aug 2024 13:03

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-16-080724RE



Tgt Ion:152 Resp: 18919

Ion Ratio Lower Upper

152 100

115 48.5 28.2 84.7

150 158.8 0.0 345.6

