

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081224\
 Data File : VY019002.D
 Acq On : 12 Aug 2024 15:10
 Operator : SY/MD
 Sample : P3519-17
 Misc : 6.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-CF-01-080624

Quant Time: Aug 13 01:15:41 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	65776	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	106691	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	91723	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	38206	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	36969	64.015	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.020%
35) Dibromofluoromethane	7.628	113	39841	58.467	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.940%
50) Toluene-d8	10.103	98	157362	60.122	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	120.240%
62) 4-Bromofluorobenzene	12.408	95	40139	51.691	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.380%

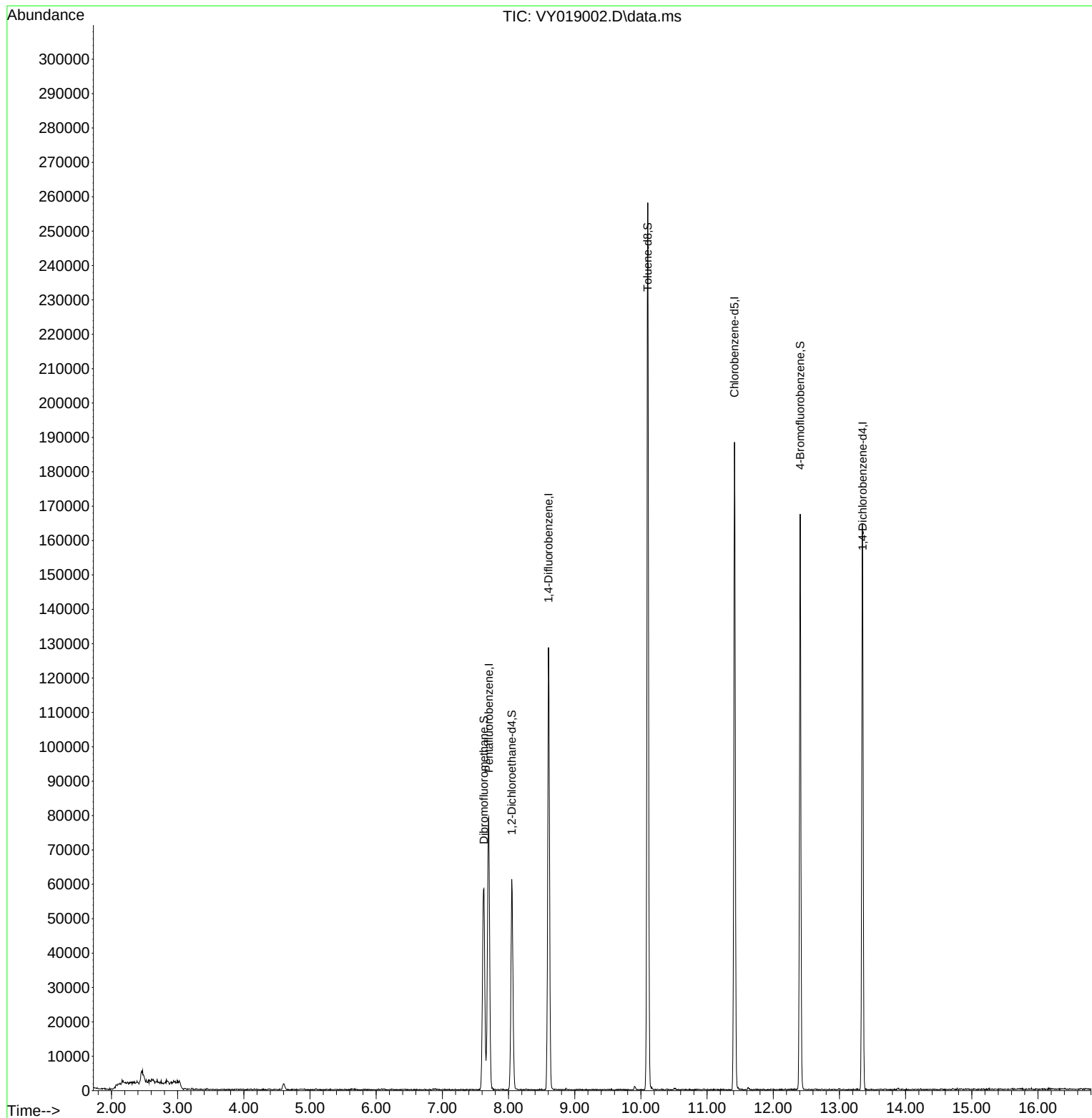
Target Compounds	Qvalue

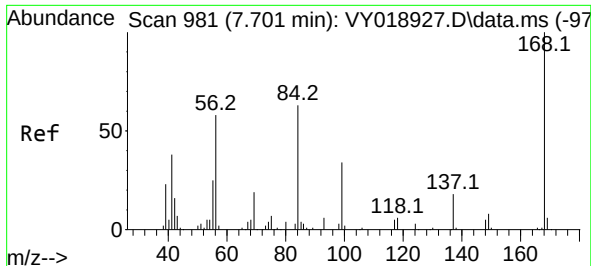
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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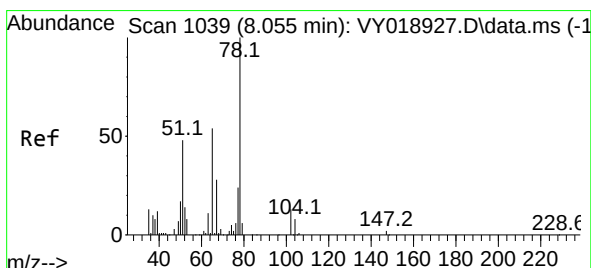
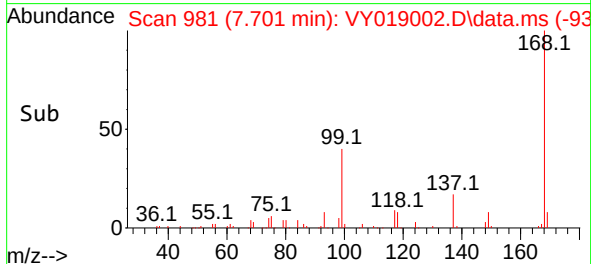
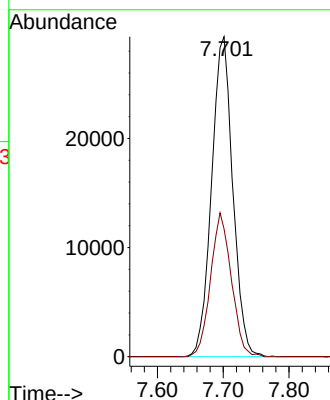
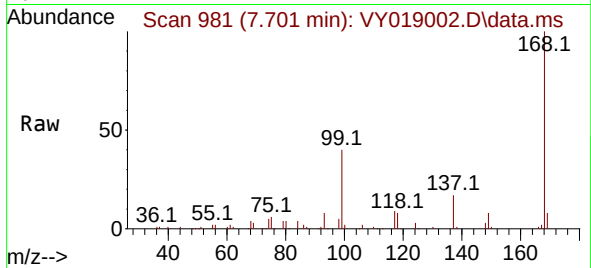




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019002.D
Acq: 12 Aug 2024 15:10

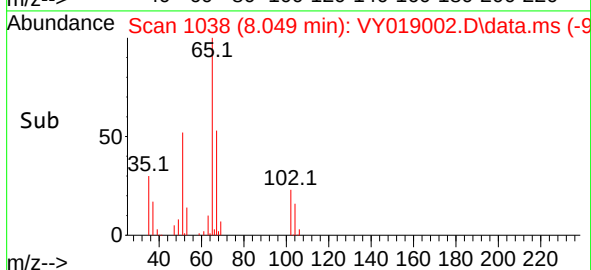
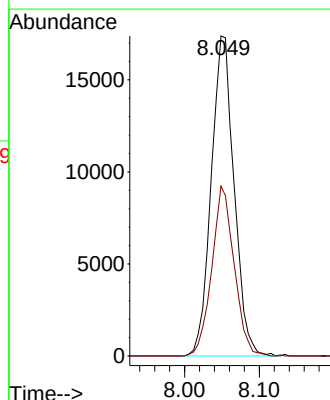
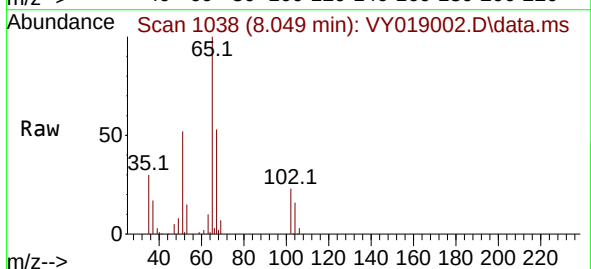
Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-01-080624

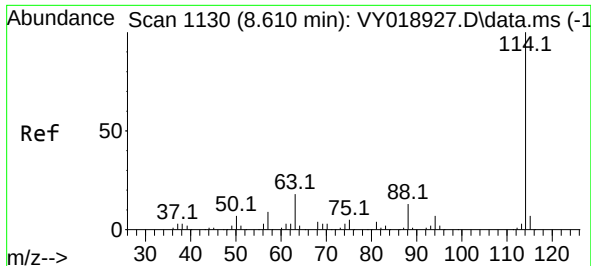
Tgt Ion:168 Resp: 65776
Ion Ratio Lower Upper
168 100
99 40.0 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 64.015 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY019002.D
Acq: 12 Aug 2024 15:10

Tgt Ion: 65 Resp: 36969
Ion Ratio Lower Upper
65 100
67 52.0 0.0 109.6

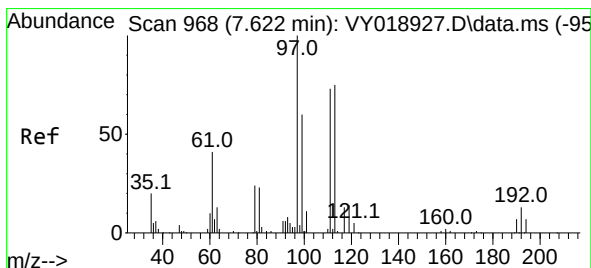
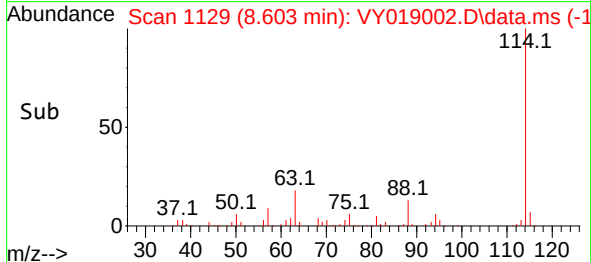
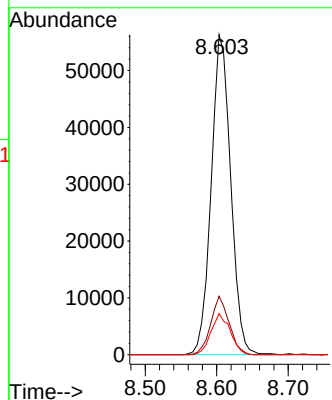
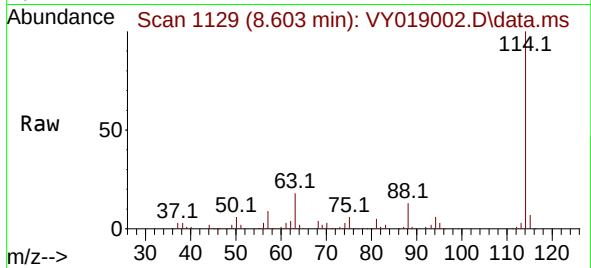




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.603 min Scan# 1130
 Delta R.T. -0.006 min
 Lab File: VY019002.D
 Acq: 12 Aug 2024 15:10

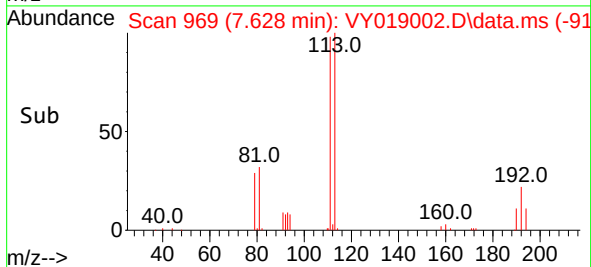
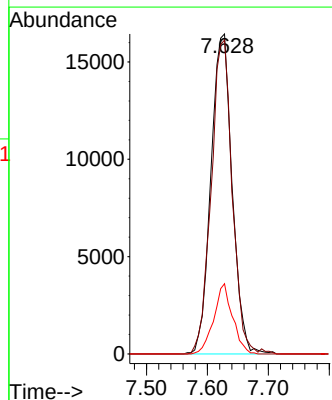
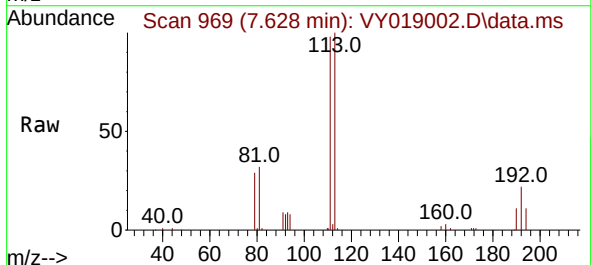
Instrument :
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 OU4-CF-01-080624

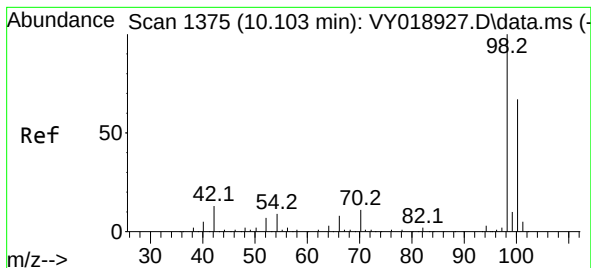
Tgt Ion:114 Resp: 106691
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 35.0
 88 12.8 0.0 27.2



#35
 Dibromofluoromethane
 Concen: 58.467 ug/l
 RT: 7.628 min Scan# 969
 Delta R.T. 0.006 min
 Lab File: VY019002.D
 Acq: 12 Aug 2024 15:10

Tgt Ion:113 Resp: 39841
 Ion Ratio Lower Upper
 113 100
 111 96.7 82.2 123.4
 192 19.4 15.9 23.9





#50

Toluene-d8

Concen: 60.122 ug/l

RT: 10.103 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY019002.D

Acq: 12 Aug 2024 15:10

Instrument :

MSVOA_Y

ClientSampleId :

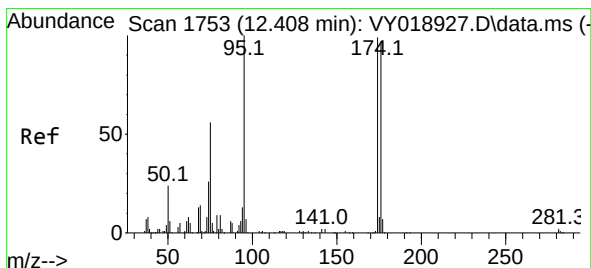
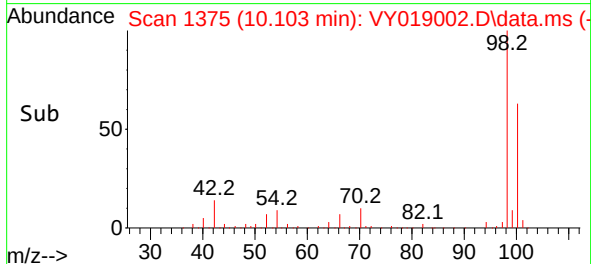
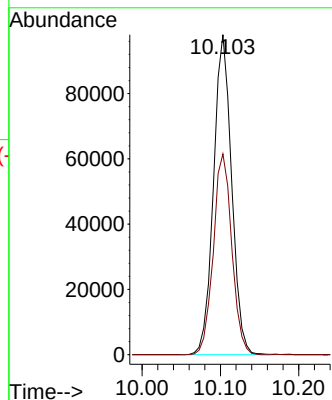
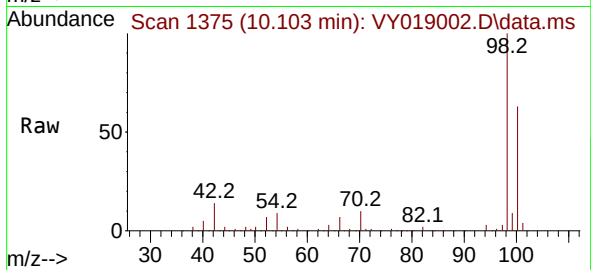
OU4-CF-01-080624

Tgt Ion: 98 Resp: 157362

Ion Ratio Lower Upper

98 100

100 63.9 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 51.691 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.000 min

Lab File: VY019002.D

Acq: 12 Aug 2024 15:10

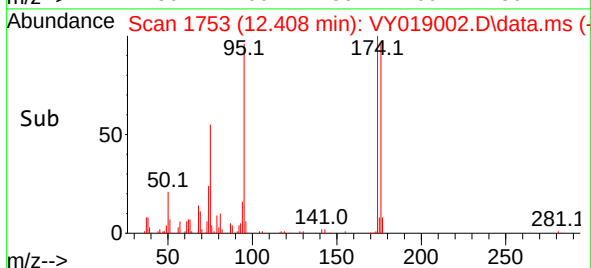
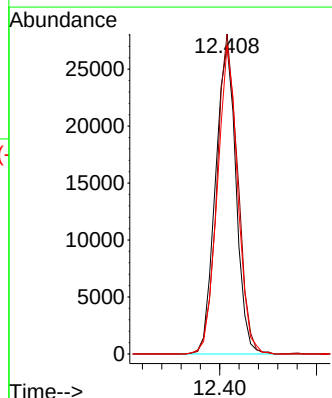
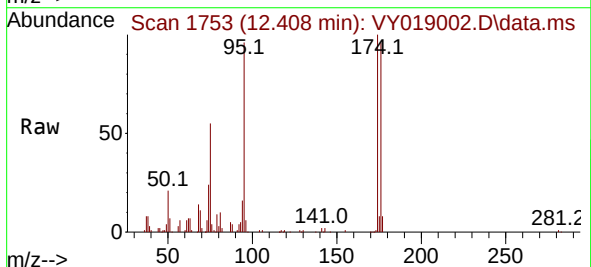
Tgt Ion: 95 Resp: 40139

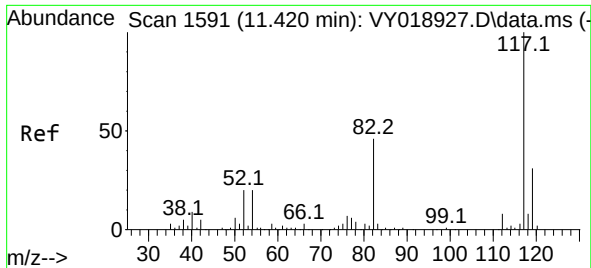
Ion Ratio Lower Upper

95 100

174 104.0 0.0 175.6

176 98.5 0.0 171.4

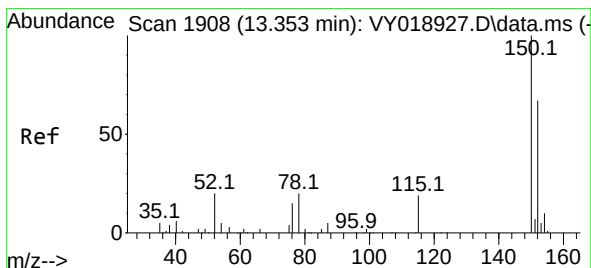
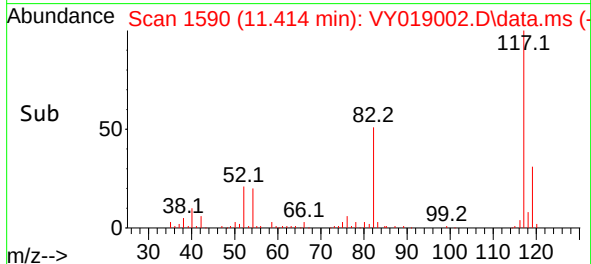
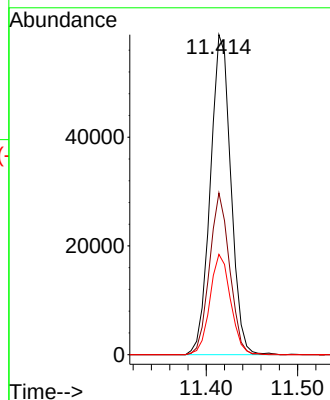
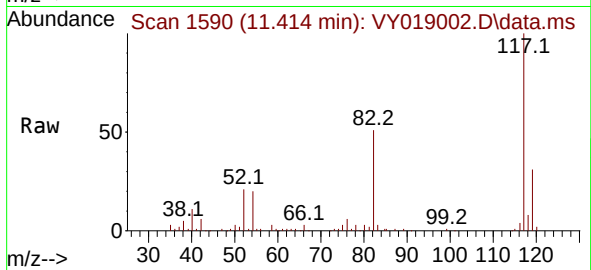




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019002.D
Acq: 12 Aug 2024 15:10

Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-01-080624

Tgt Ion:117 Resp: 91723
Ion Ratio Lower Upper
117 100
82 50.5 42.4 63.6
119 31.4 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: VY019002.D
Acq: 12 Aug 2024 15:10

Tgt Ion:152 Resp: 38206
Ion Ratio Lower Upper
152 100
115 52.3 28.2 84.7
150 157.3 0.0 345.6

