

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082724\
 Data File : VY019287.D
 Acq On : 27 Aug 2024 15:36
 Operator : SY/MD
 Sample : P3707-08
 Misc : 6.32g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-930-K1-SO-0.5-1-082024

Quant Time: Aug 28 01:45:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	66077	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	120554	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	120283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	38909	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	34218	51.660	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.320%
35) Dibromofluoromethane	7.628	113	36866	46.769	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.540%
50) Toluene-d8	10.103	98	153510	54.117	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.240%
62) 4-Bromofluorobenzene	12.408	95	42629	44.083	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	88.160%

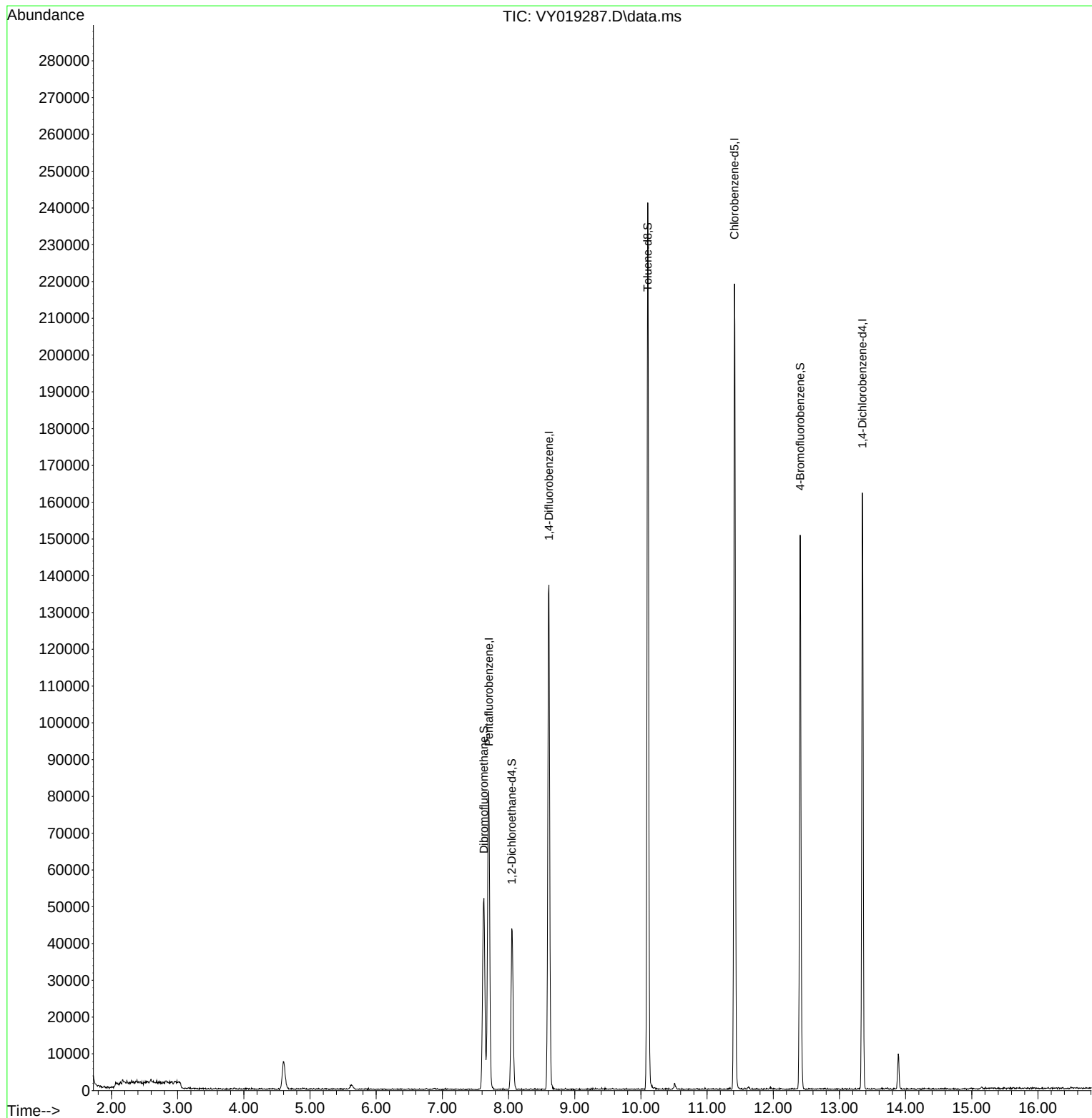
Target Compounds	Qvalue

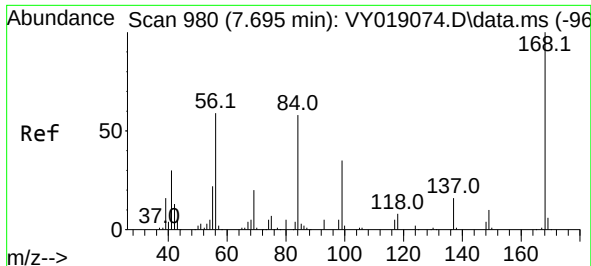
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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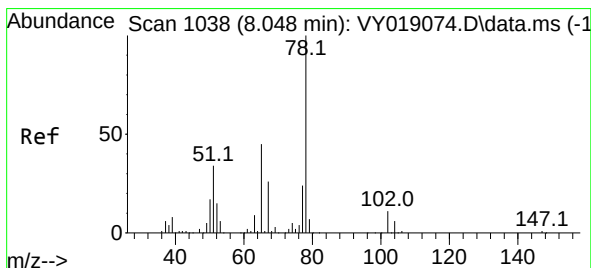
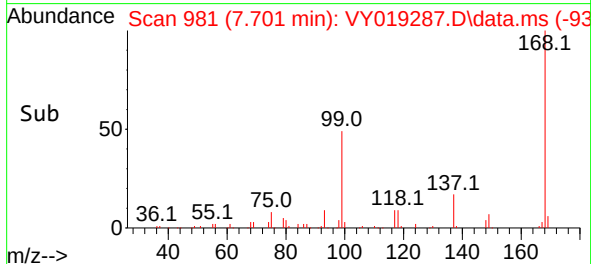
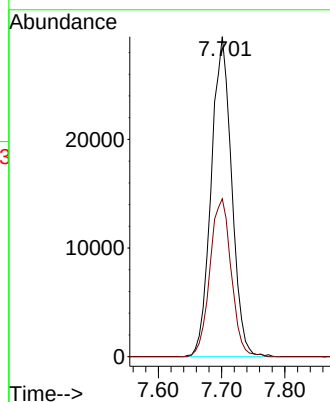
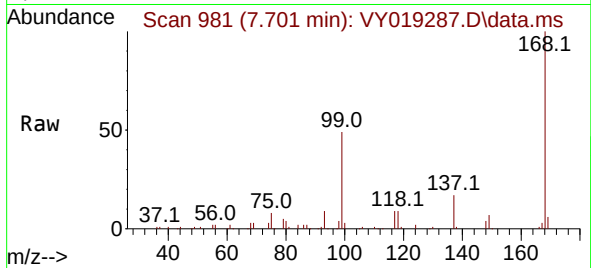




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY019287.D
Acq: 27 Aug 2024 15:36

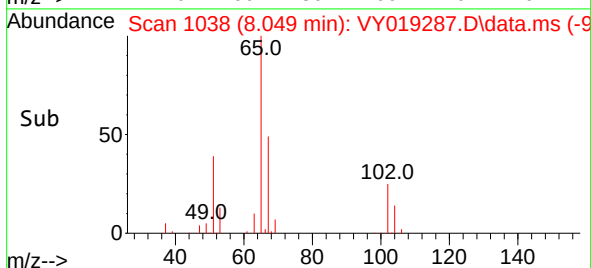
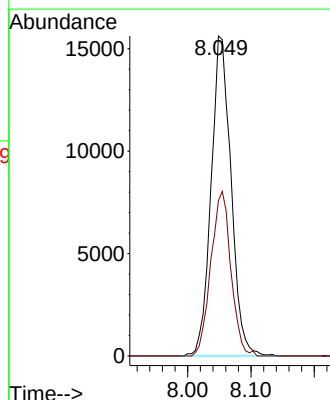
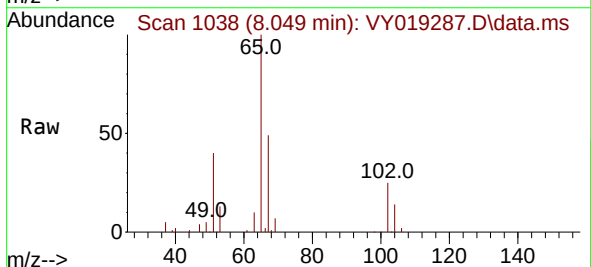
Instrument :
MSVOA_Y
ClientSampleId :
S-930-K1-SO-0.5-1-082024

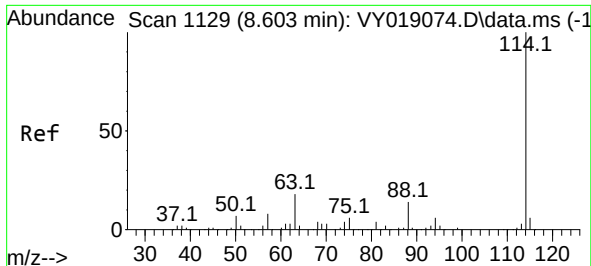
Tgt Ion:168 Resp: 66077
Ion Ratio Lower Upper
168 100
99 49.4 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 51.660 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY019287.D
Acq: 27 Aug 2024 15:36

Tgt Ion: 65 Resp: 34218
Ion Ratio Lower Upper
65 100
67 51.7 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY019287.D

Acq: 27 Aug 2024 15:36

Instrument :

MSVOA_Y

ClientSampleId :

S-930-K1-SO-0.5-1-082024

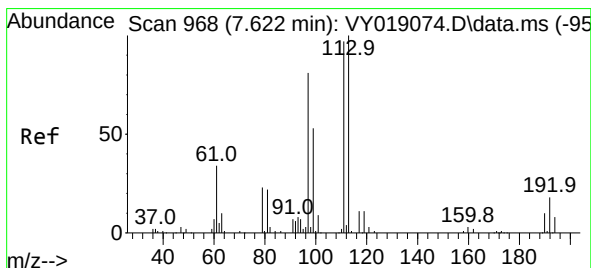
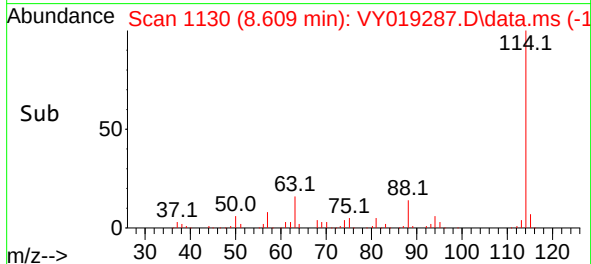
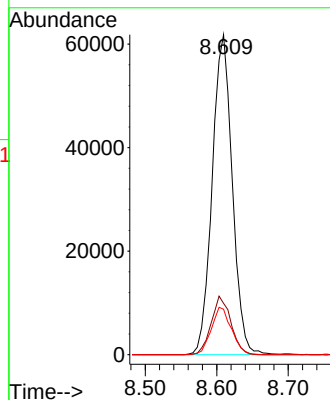
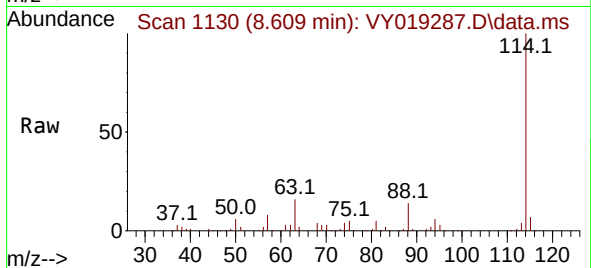
Tgt Ion:114 Resp: 120554

Ion Ratio Lower Upper

114 100

63 16.0 0.0 35.0

88 14.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 46.769 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY019287.D

Acq: 27 Aug 2024 15:36

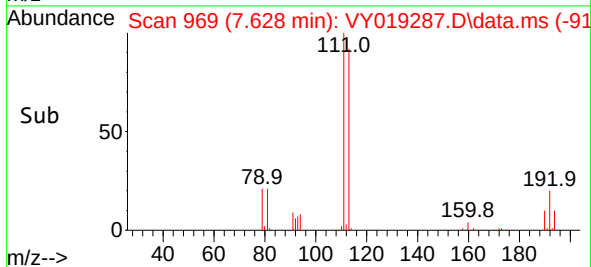
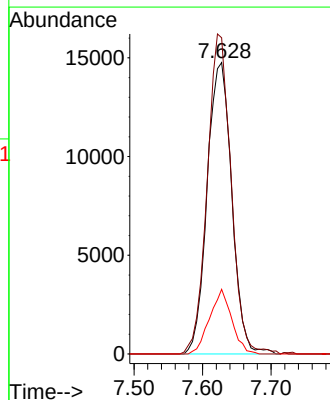
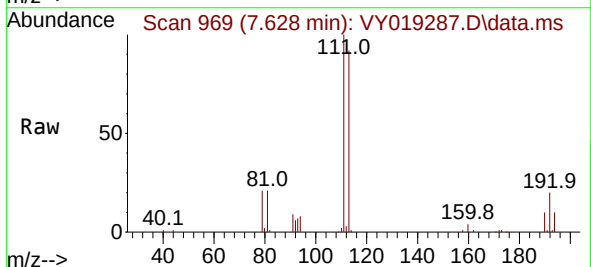
Tgt Ion:113 Resp: 36866

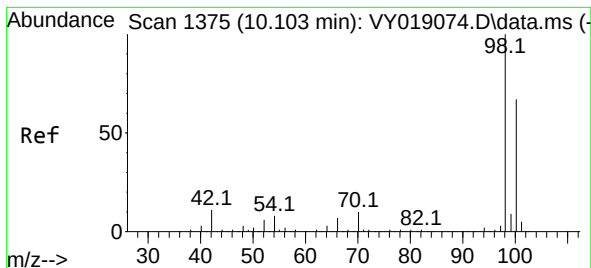
Ion Ratio Lower Upper

113 100

111 106.2 82.2 123.4

192 20.0 15.9 23.9





#50

Toluene-d8

Concen: 54.117 ug/l

RT: 10.103 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019287.D

Acq: 27 Aug 2024 15:36

Instrument :

MSVOA_Y

ClientSampleId :

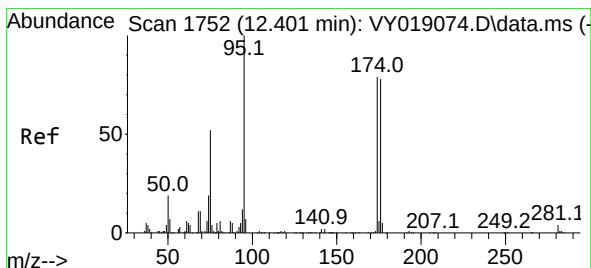
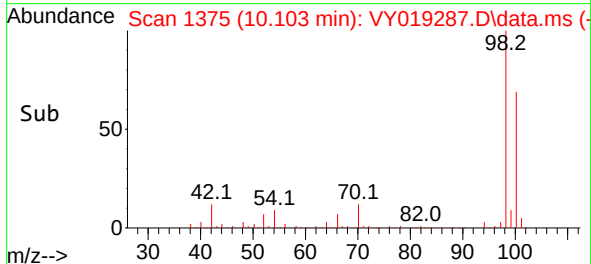
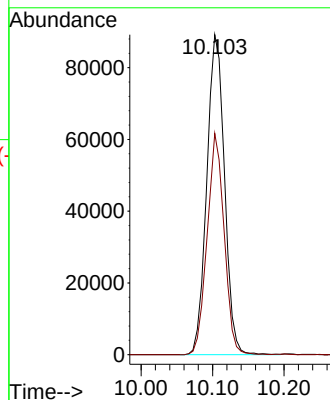
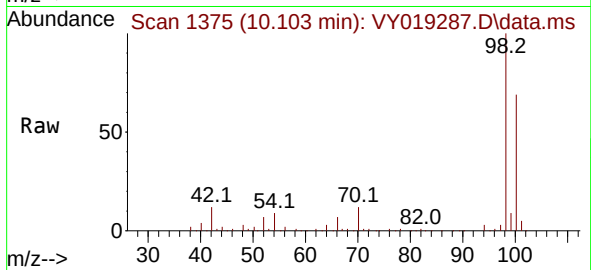
S-930-K1-SO-0.5-1-082024

Tgt Ion: 98 Resp: 153510

Ion Ratio Lower Upper

98 100

100 66.3 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 44.083 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019287.D

Acq: 27 Aug 2024 15:36

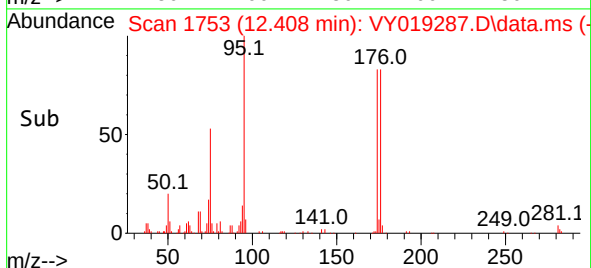
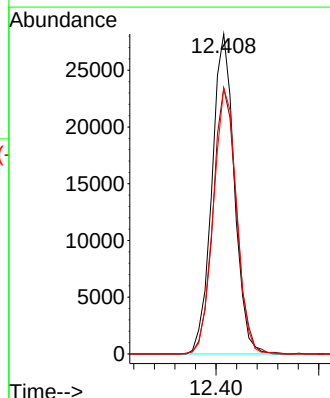
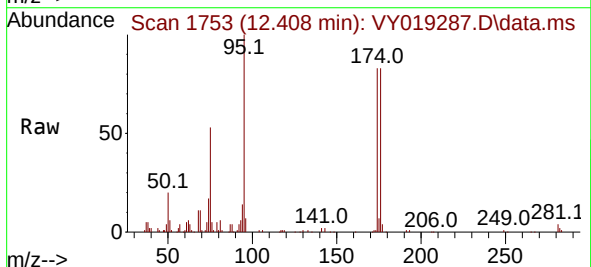
Tgt Ion: 95 Resp: 42629

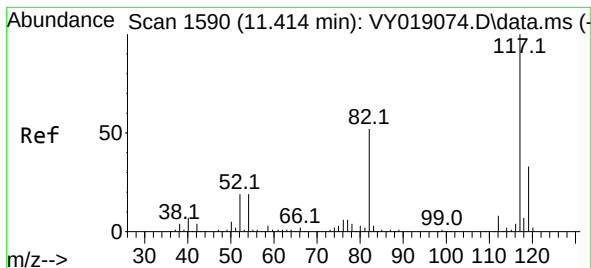
Ion Ratio Lower Upper

95 100

174 86.8 0.0 175.6

176 86.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019287.D

Acq: 27 Aug 2024 15:36

Instrument :

MSVOA_Y

ClientSampleId :

S-930-K1-SO-0.5-1-082024

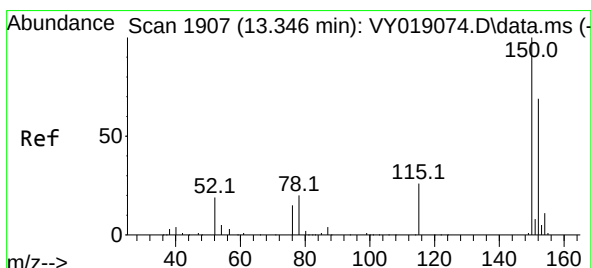
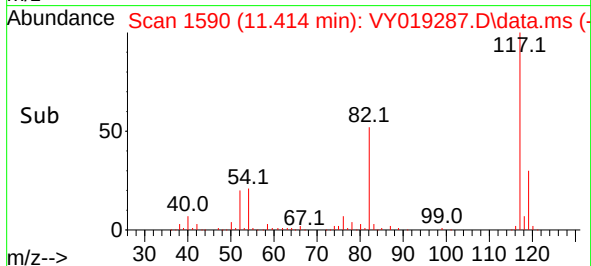
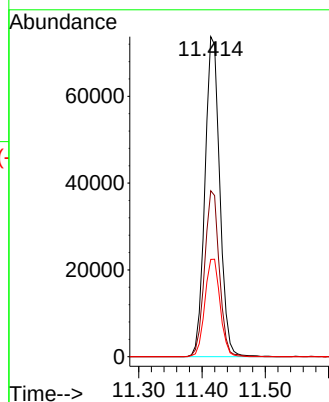
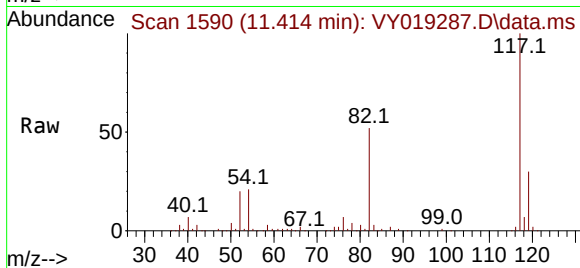
Tgt Ion:117 Resp: 120283

Ion Ratio Lower Upper

117 100

82 51.8 42.4 63.6

119 30.4 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019287.D

Acq: 27 Aug 2024 15:36

Tgt Ion:152 Resp: 38909

Ion Ratio Lower Upper

152 100

115 58.4 28.2 84.7

150 158.6 0.0 345.6

