

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082024\
 Data File : VY019148.D
 Acq On : 20 Aug 2024 14:03
 Operator : SY/MD
 Sample : P3634-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-06-08152024

Quant Time: Aug 20 14:34:07 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	35236	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	57571	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	50857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	18026	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	16942	47.965	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.940%
35) Dibromofluoromethane	7.628	113	19659	52.224	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.440%
50) Toluene-d8	10.103	98	65042	48.014	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.020%
62) 4-Bromofluorobenzene	12.408	95	18605	40.288	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	80.580%

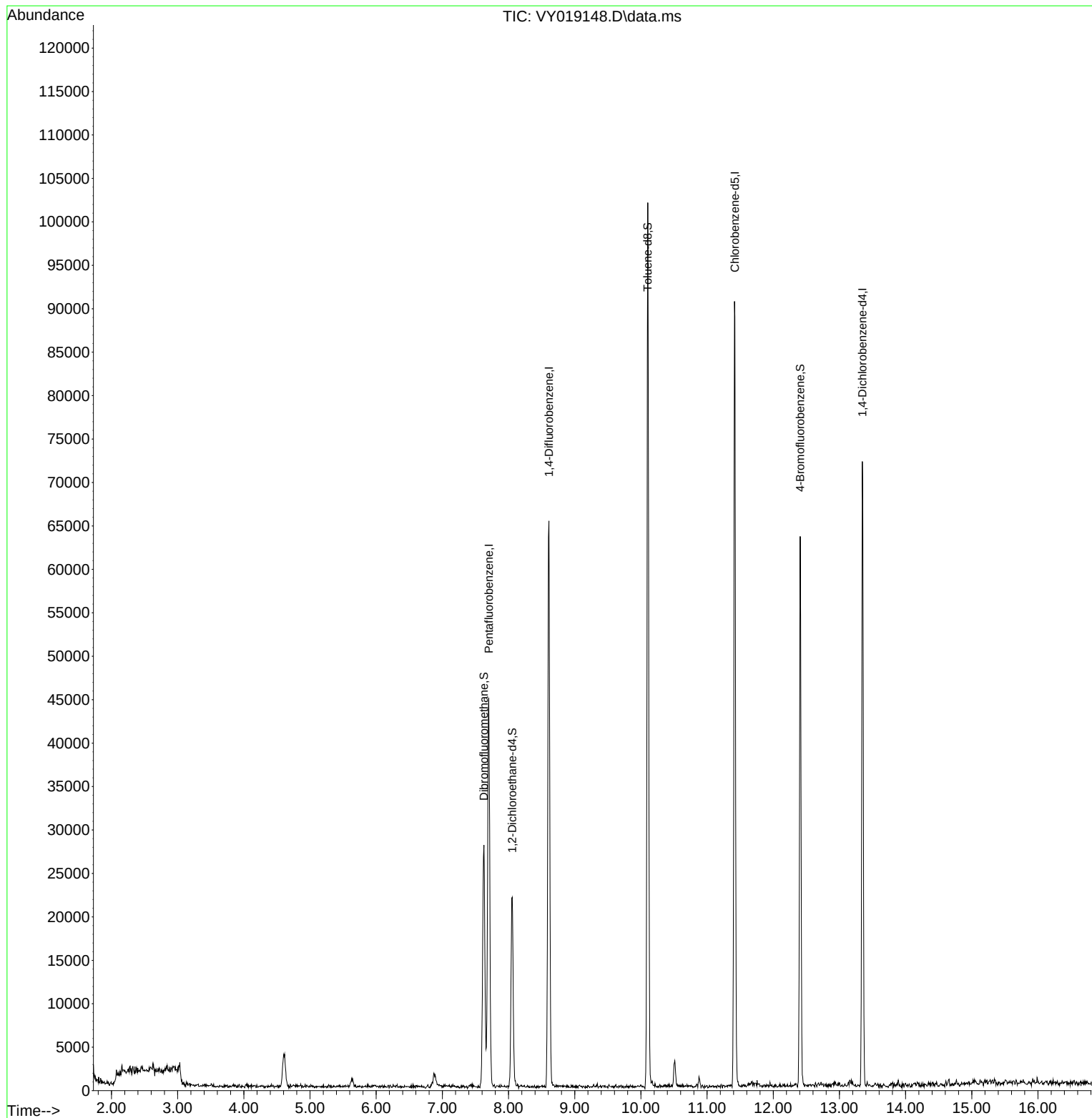
Target Compounds	Qvalue

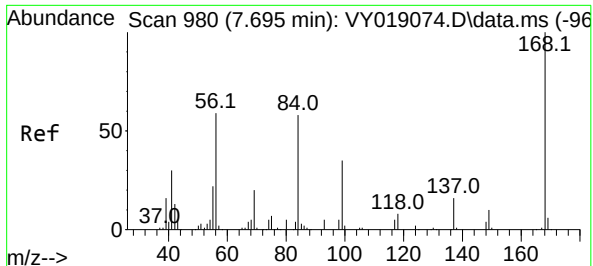
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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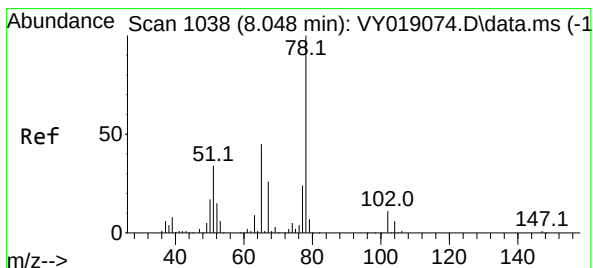
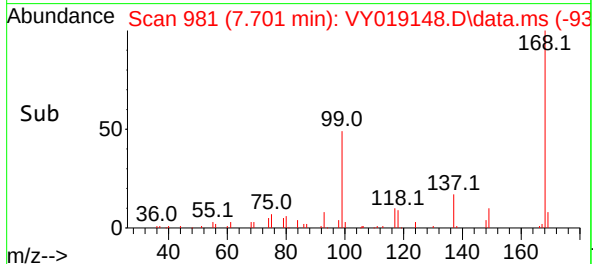
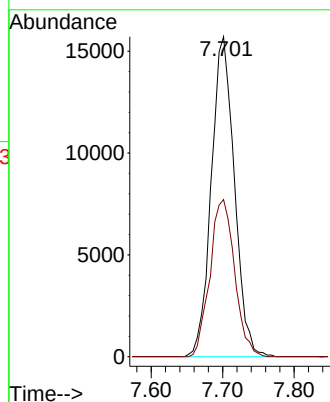
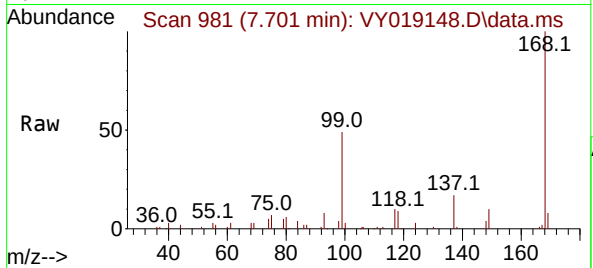




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019148.D
Acq: 20 Aug 2024 14:03

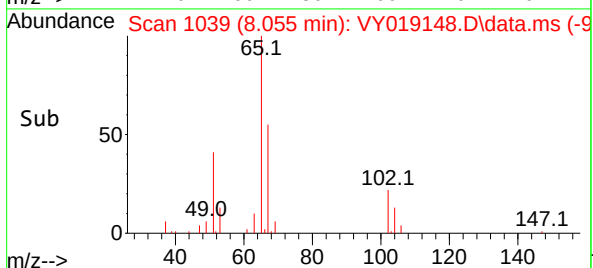
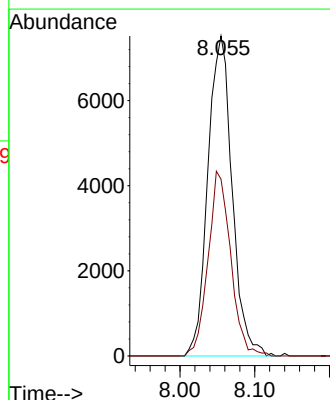
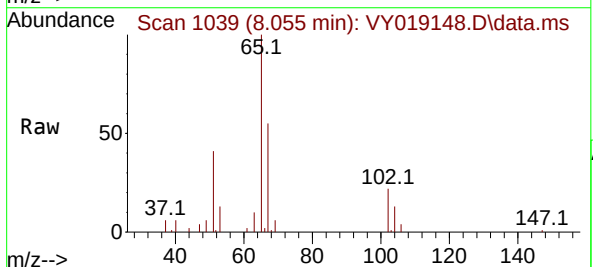
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-08152024

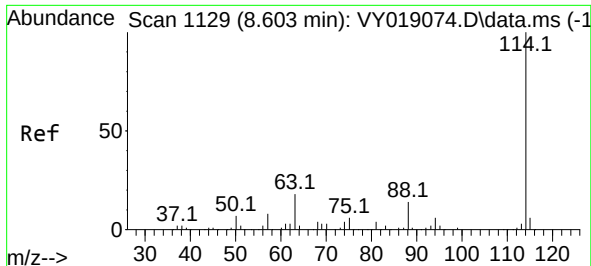
Tgt Ion:168 Resp: 35236
Ion Ratio Lower Upper
168 100
99 49.1 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 47.965 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019148.D
Acq: 20 Aug 2024 14:03

Tgt Ion: 65 Resp: 16942
Ion Ratio Lower Upper
65 100
67 53.8 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019148.D

Acq: 20 Aug 2024 14:03

Instrument :

MSVOA_Y

ClientSampleId :

TR-06-08152024

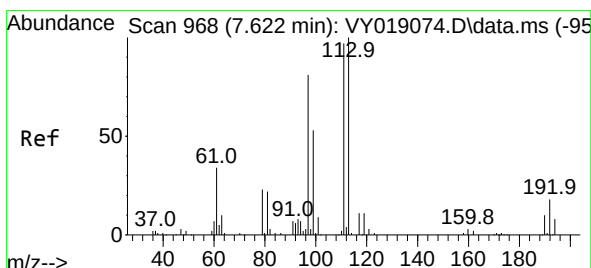
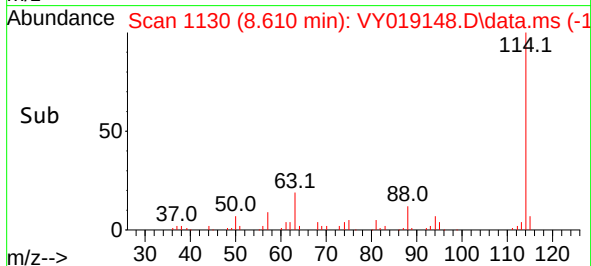
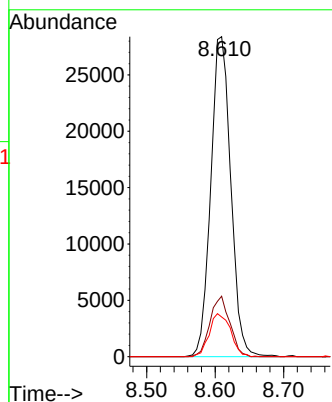
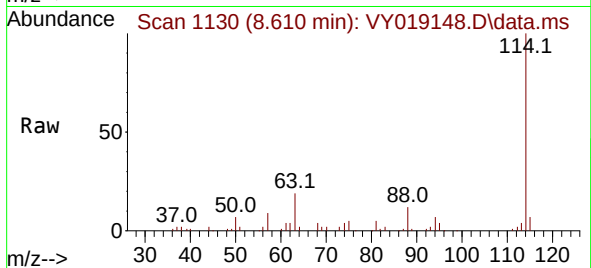
Tgt Ion:114 Resp: 57571

Ion Ratio Lower Upper

114 100

63 18.9 0.0 35.0

88 12.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 52.224 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY019148.D

Acq: 20 Aug 2024 14:03

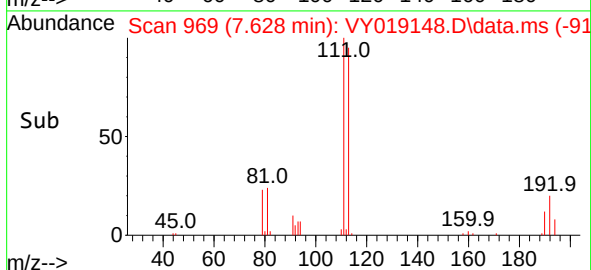
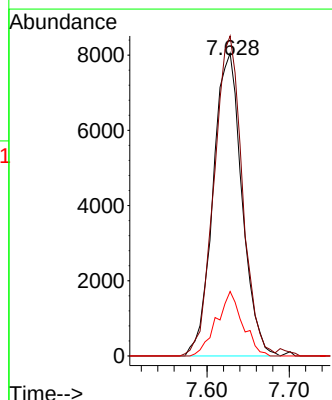
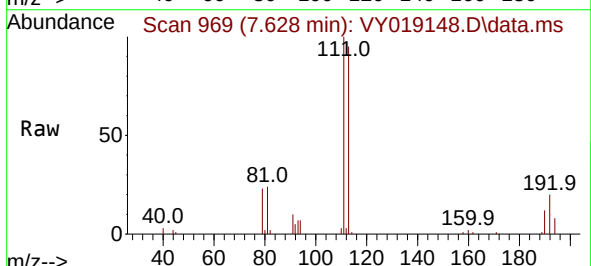
Tgt Ion:113 Resp: 19659

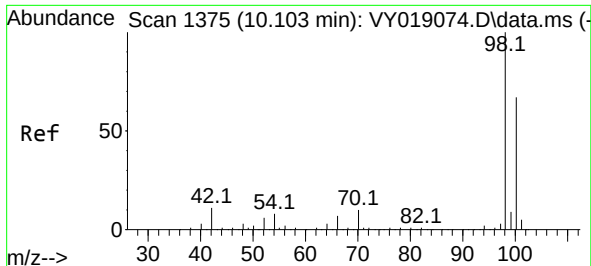
Ion Ratio Lower Upper

113 100

111 103.5 82.2 123.4

192 19.3 15.9 23.9

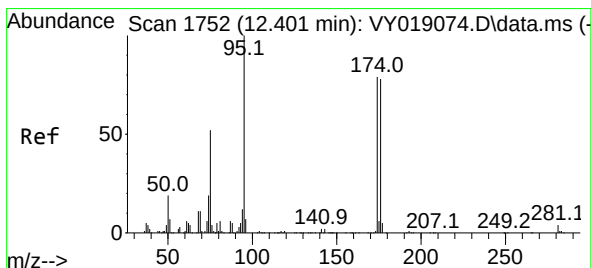
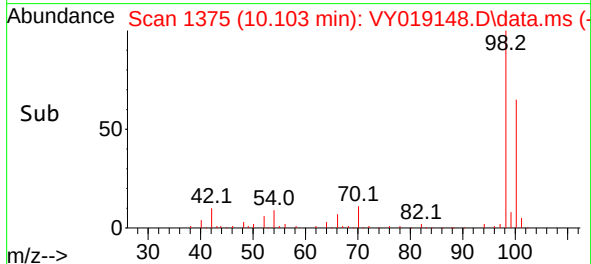
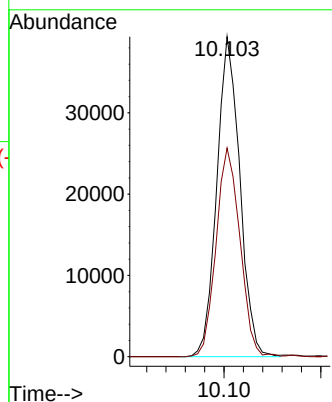
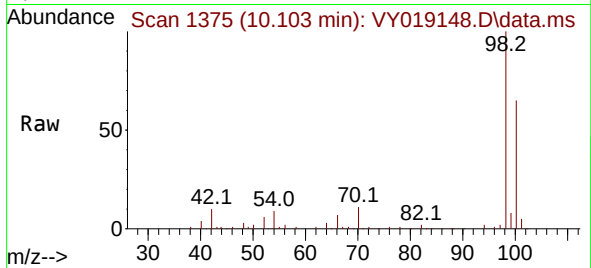




#50
Toluene-d8
Concen: 48.014 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019148.D
Acq: 20 Aug 2024 14:03

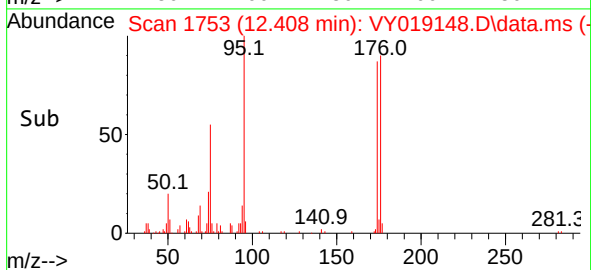
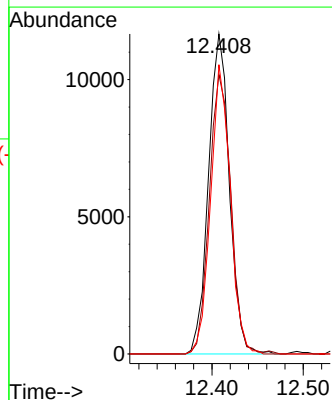
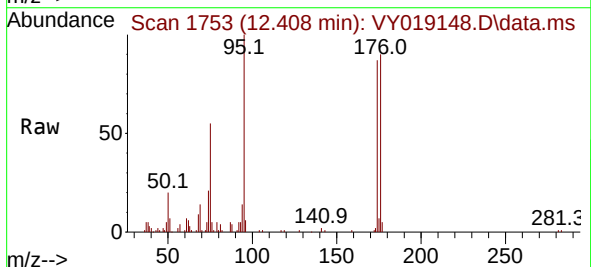
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-08152024

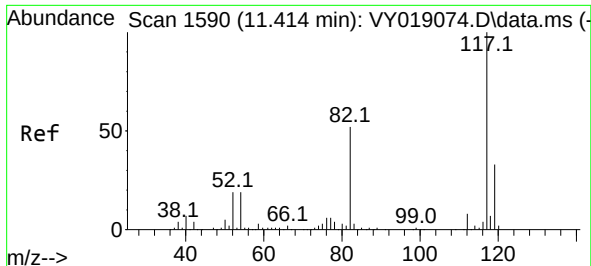
Tgt Ion: 98 Resp: 65042
Ion Ratio Lower Upper
98 100
100 67.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 40.288 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019148.D
Acq: 20 Aug 2024 14:03

Tgt Ion: 95 Resp: 18605
Ion Ratio Lower Upper
95 100
174 89.3 0.0 175.6
176 84.6 0.0 171.4

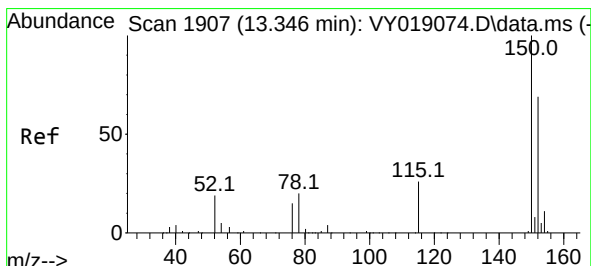
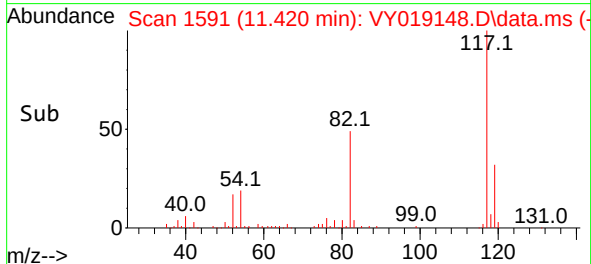
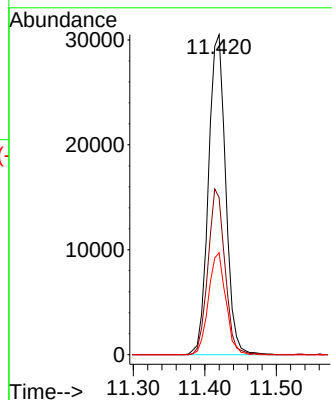
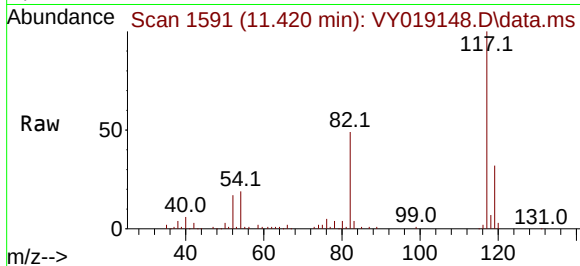




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019148.D
Acq: 20 Aug 2024 14:03

Instrument :
MSVOA_Y
ClientSampleId :
TR-06-08152024

Tgt Ion:117 Resp: 50857
Ion Ratio Lower Upper
117 100
82 49.1 42.4 63.6
119 31.8 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019148.D
Acq: 20 Aug 2024 14:03

Tgt Ion:152 Resp: 18026
Ion Ratio Lower Upper
152 100
115 59.6 28.2 84.7
150 160.6 0.0 345.6

