

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082324\
 Data File : VY019261.D
 Acq On : 23 Aug 2024 16:42
 Operator : SY/MD
 Sample : P3707-01
 Misc : 4.38g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-929-K1-SO-0-0.5-082024

Quant Time: Aug 23 22:59:25 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	7.695	168	100788	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	157373	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	79143	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	17725	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	32826	32.491	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	64.980%
35) Dibromofluoromethane	7.628	113	44575	43.319	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.640%
50) Toluene-d8	10.103	98	123196	33.269	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	66.540%
62) 4-Bromofluorobenzene	12.407	95	22655	17.947	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	35.900%

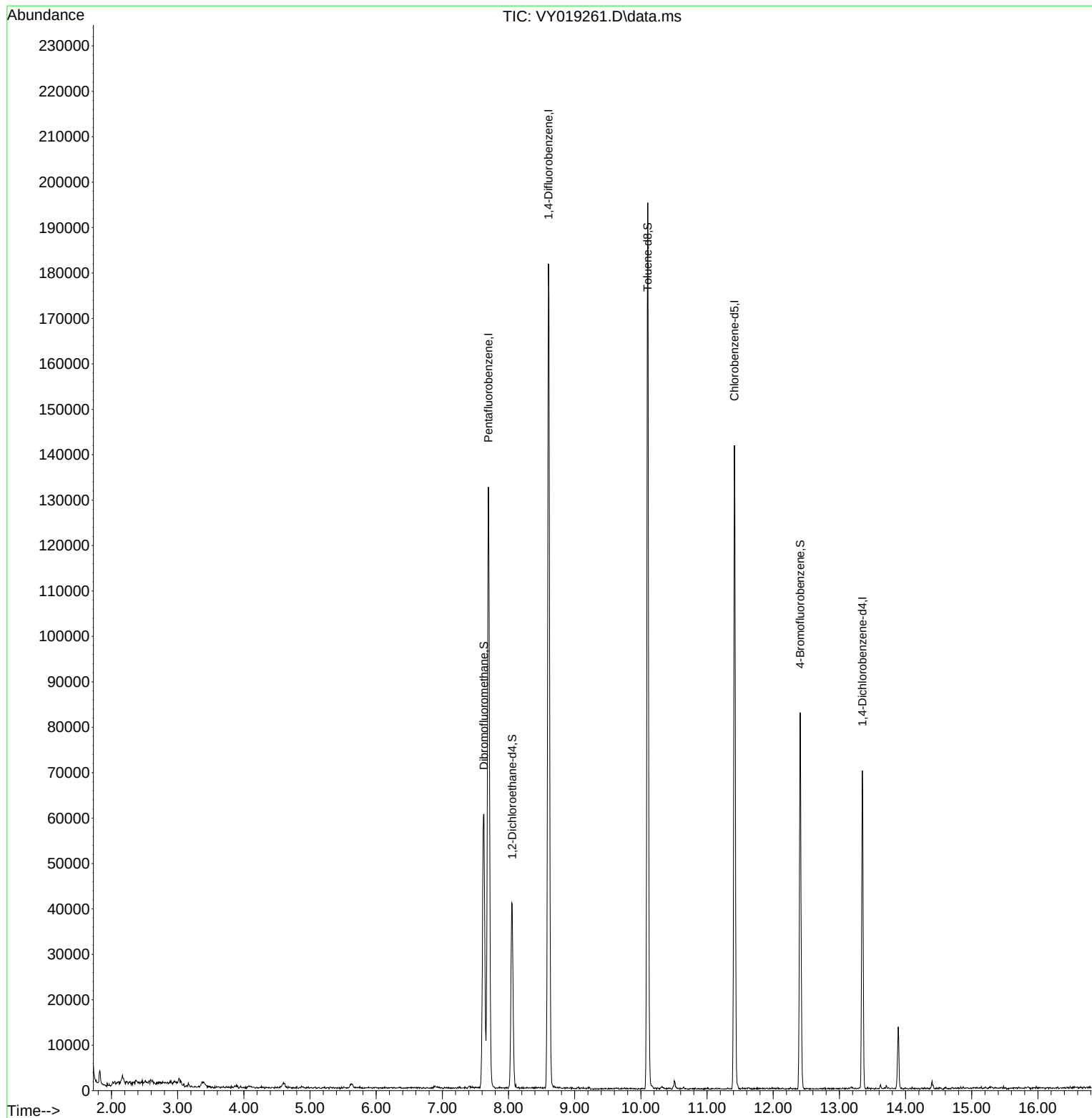
Target Compounds	Qvalue

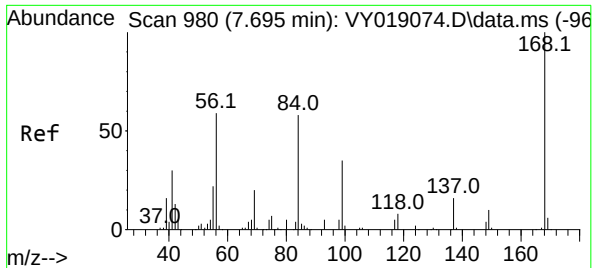
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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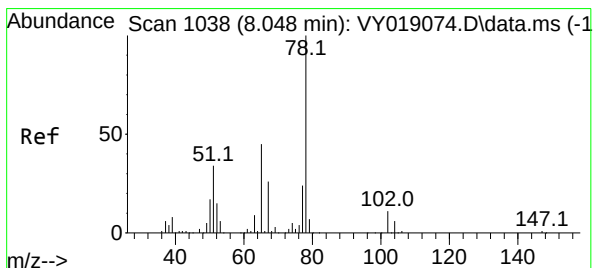
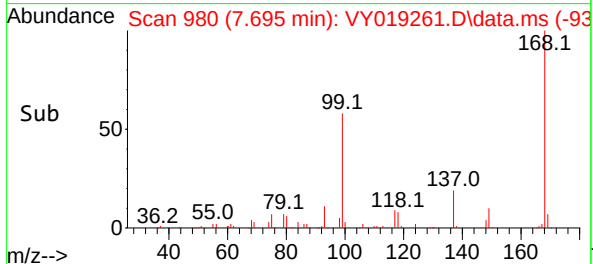
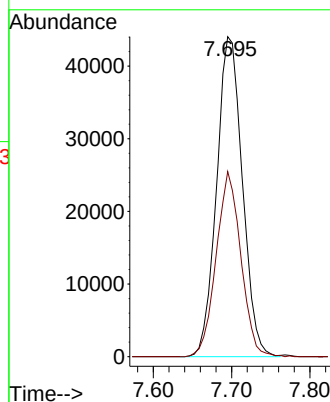
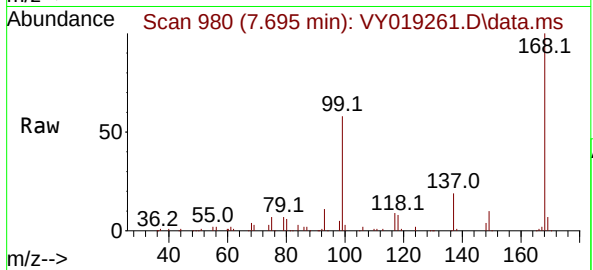




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019261.D
Acq: 23 Aug 2024 16:42

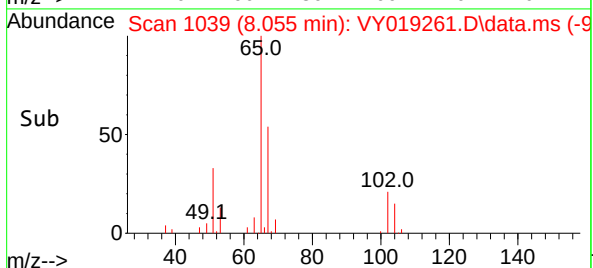
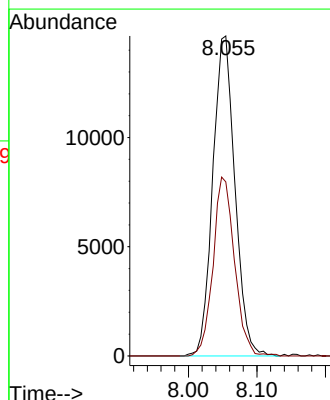
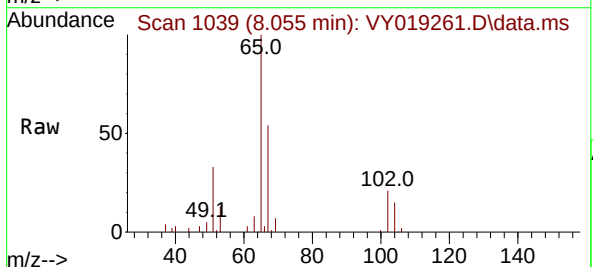
Instrument :
MSVOA_Y
ClientSampleId :
S-929-K1-SO-0-0.5-082024

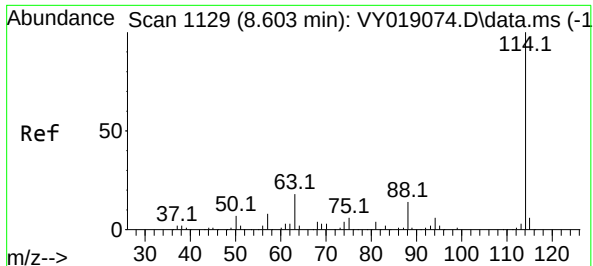
Tgt Ion:168 Resp: 100788
Ion Ratio Lower Upper
168 100
99 57.9 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 32.491 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019261.D
Acq: 23 Aug 2024 16:42

Tgt Ion: 65 Resp: 32826
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.603 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY019261.D

Acq: 23 Aug 2024 16:42

Instrument :

MSVOA_Y

ClientSampleId :

S-929-K1-SO-0-0.5-082024

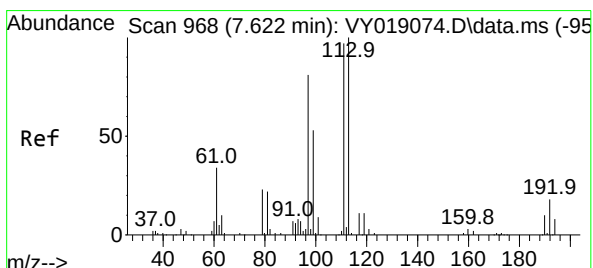
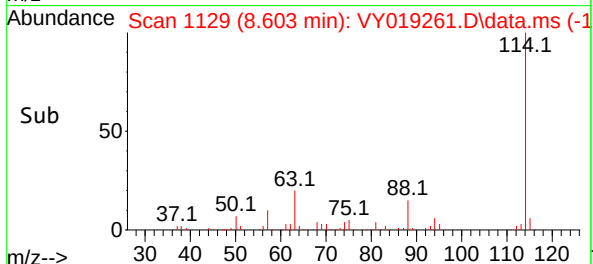
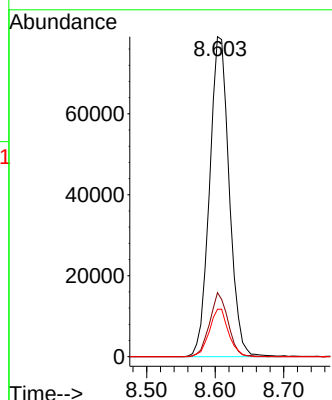
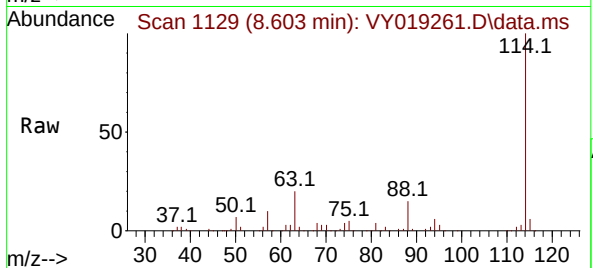
Tgt Ion:114 Resp: 157373

Ion Ratio Lower Upper

114 100

63 20.0 0.0 35.0

88 14.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 43.319 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY019261.D

Acq: 23 Aug 2024 16:42

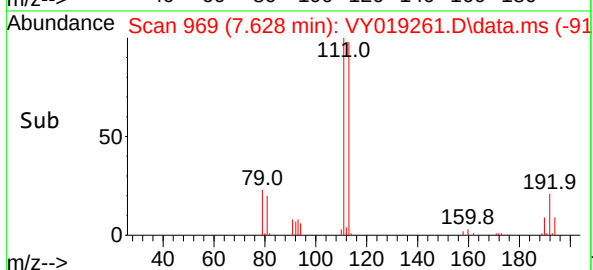
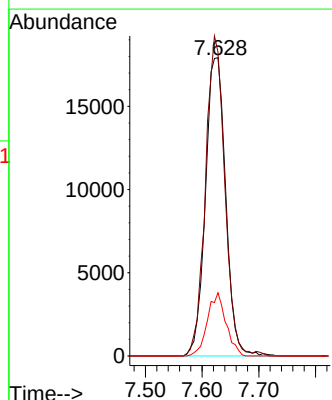
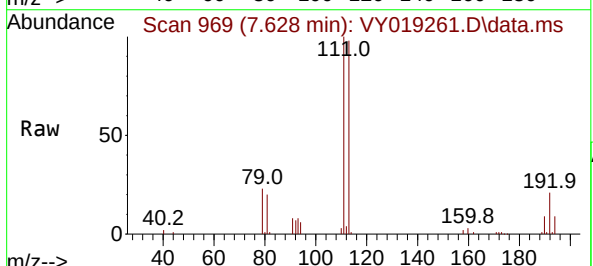
Tgt Ion:113 Resp: 44575

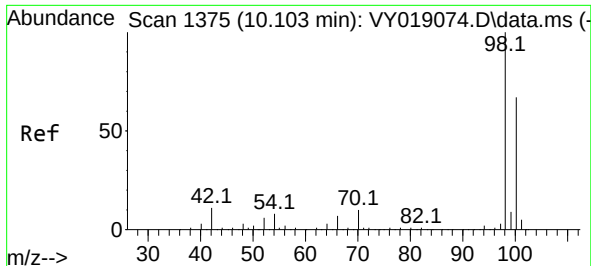
Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.4

192 19.4 15.9 23.9





#50

Toluene-d8

Concen: 33.269 ug/l

RT: 10.103 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019261.D

Acq: 23 Aug 2024 16:42

Instrument :

MSVOA_Y

ClientSampleId :

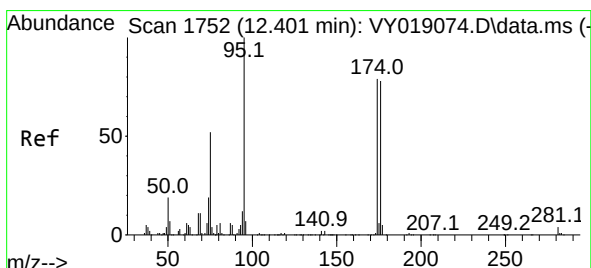
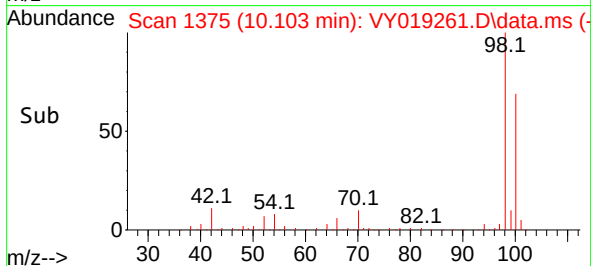
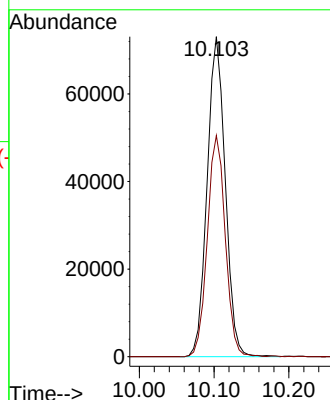
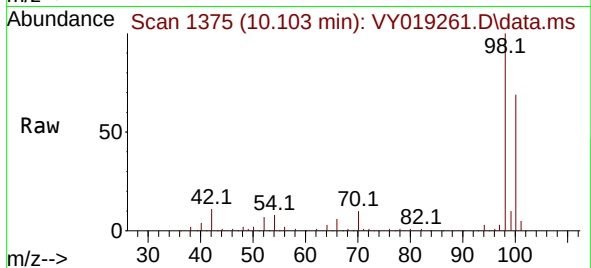
S-929-K1-SO-0-0.5-082024

Tgt Ion: 98 Resp: 123196

Ion Ratio Lower Upper

98 100

100 68.5 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 17.947 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019261.D

Acq: 23 Aug 2024 16:42

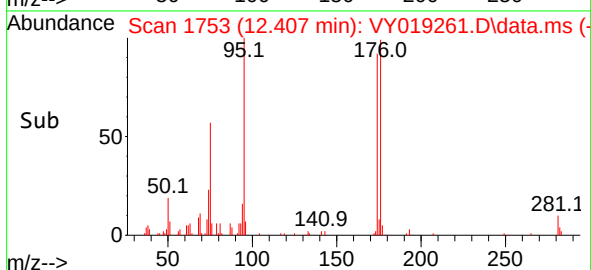
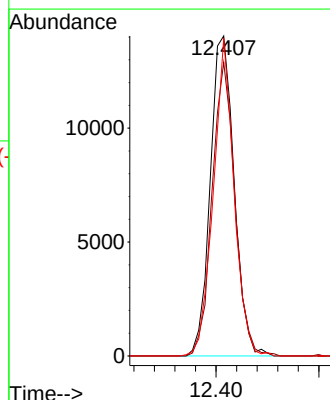
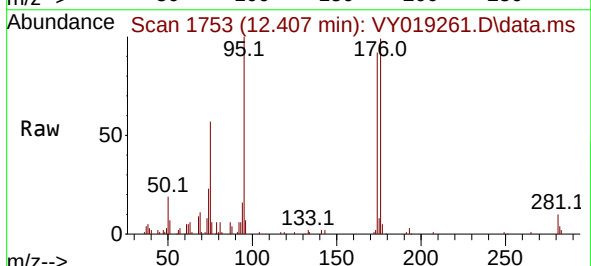
Tgt Ion: 95 Resp: 22655

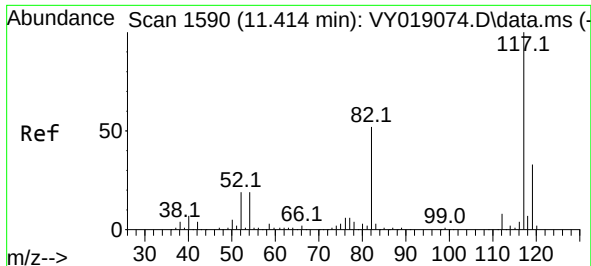
Ion Ratio Lower Upper

95 100

174 87.5 0.0 175.6

176 86.1 0.0 171.4

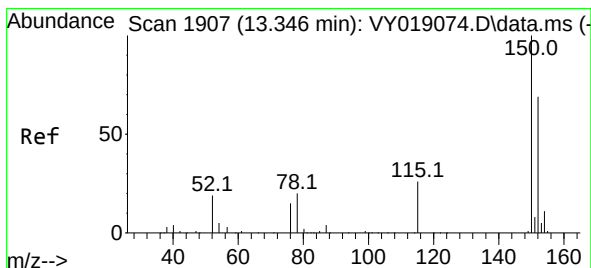
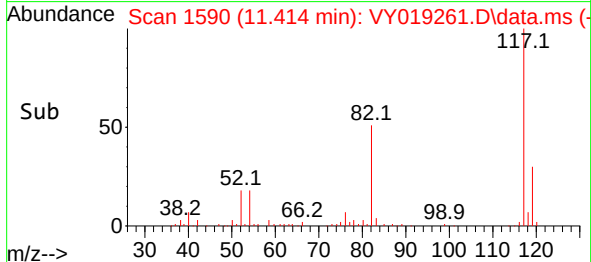
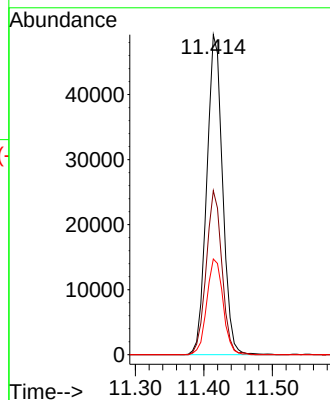
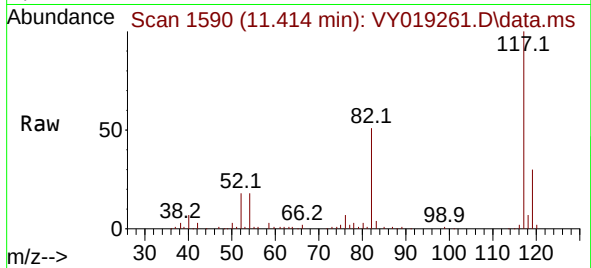




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY019261.D
Acq: 23 Aug 2024 16:42

Instrument :
MSVOA_Y
ClientSampleId :
S-929-K1-SO-0-0.5-082024

Tgt Ion:117 Resp: 79143
Ion Ratio Lower Upper
117 100
82 51.3 42.4 63.6
119 29.9 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: VY019261.D
Acq: 23 Aug 2024 16:42

Tgt Ion:152 Resp: 17725
Ion Ratio Lower Upper
152 100
115 57.7 28.2 84.7
150 155.0 0.0 345.6

