

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082124\
 Data File : VY019197.D
 Acq On : 22 Aug 2024 04:09
 Operator : SY/MD
 Sample : P3671-03
 Misc : 4.67g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-911-K1-SO-0-0.5-081924

Quant Time: Aug 22 04:44:01 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	7.707	168	50446	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.610	114	83096	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	56389	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	13012	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	20645	40.826	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.660%
35) Dibromofluoromethane	7.628	113	25315	46.592	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.180%
50) Toluene-d8	10.103	98	86863	44.425	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.860%
62) 4-Bromofluorobenzene	12.408	95	16872	25.313	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	50.620%

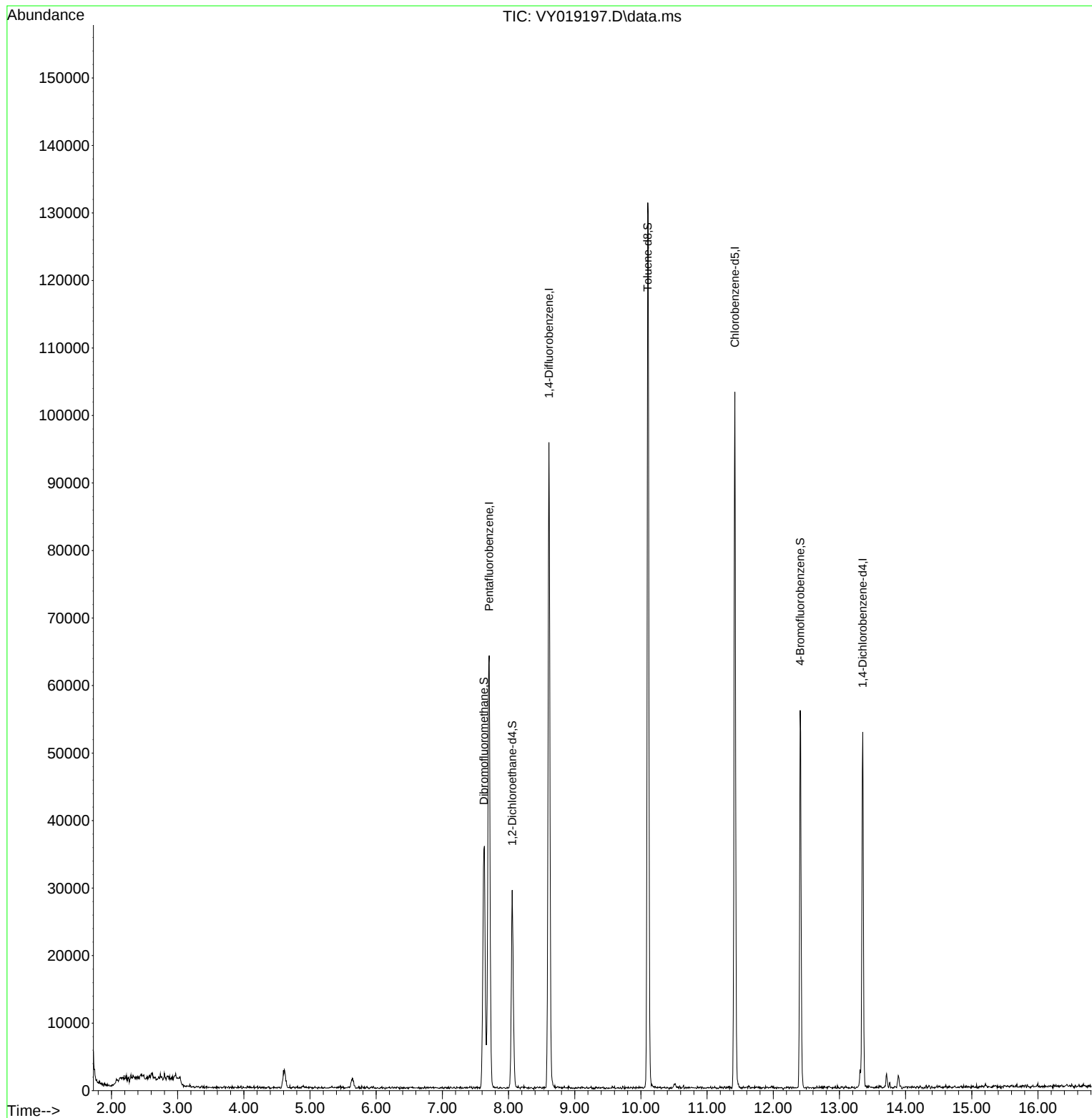
Target Compounds	Qvalue

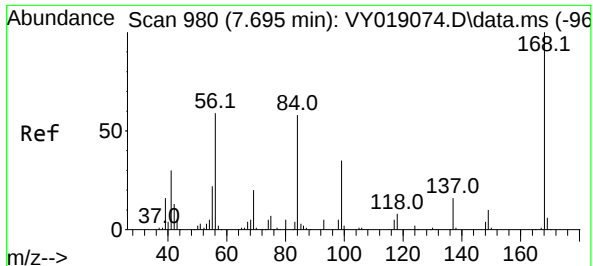
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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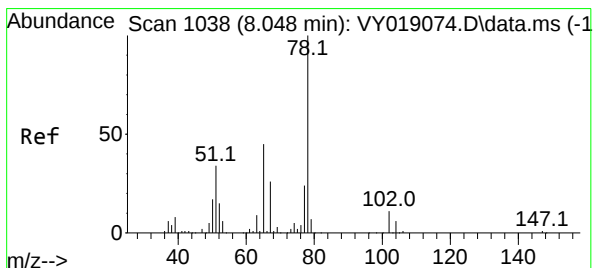
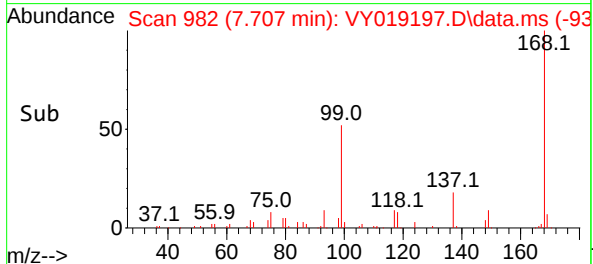
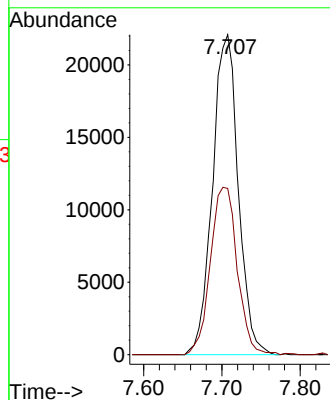
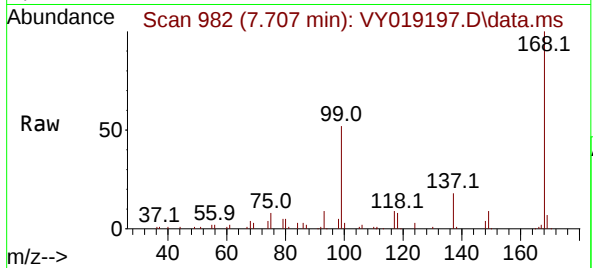




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY019197.D
Acq: 22 Aug 2024 04:09

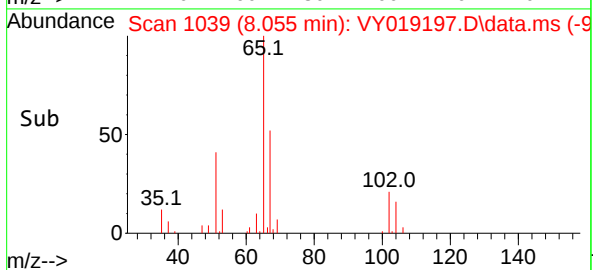
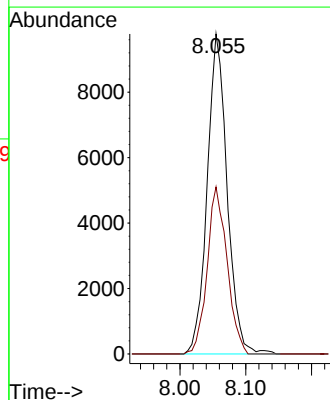
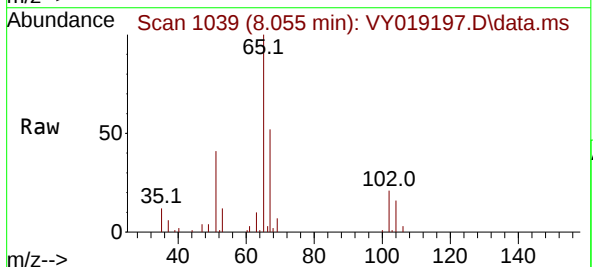
Instrument :
MSVOA_Y
ClientSampleId :
S-911-K1-SO-0-0.5-081924

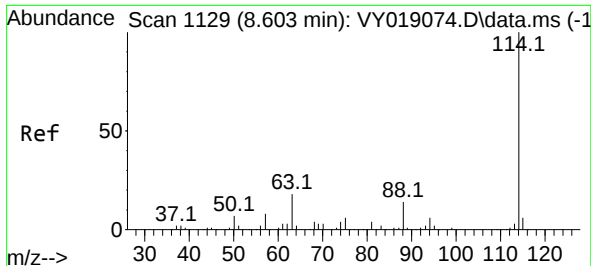
Tgt Ion:168 Resp: 50446
Ion Ratio Lower Upper
168 100
99 51.9 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 40.826 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019197.D
Acq: 22 Aug 2024 04:09

Tgt Ion: 65 Resp: 20645
Ion Ratio Lower Upper
65 100
67 51.9 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY019197.D

Acq: 22 Aug 2024 04:09

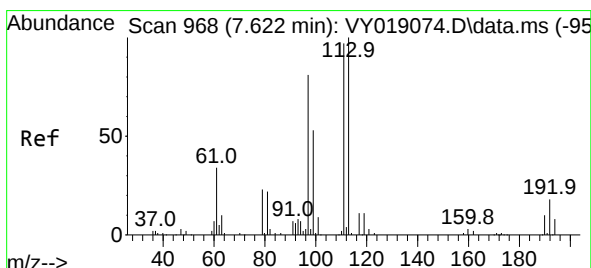
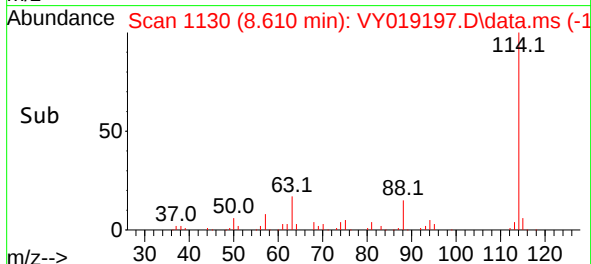
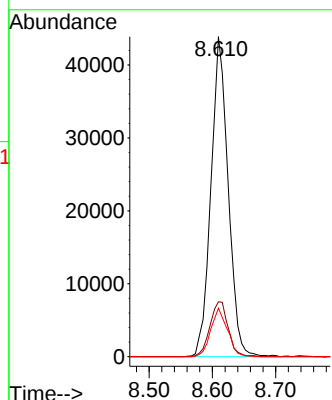
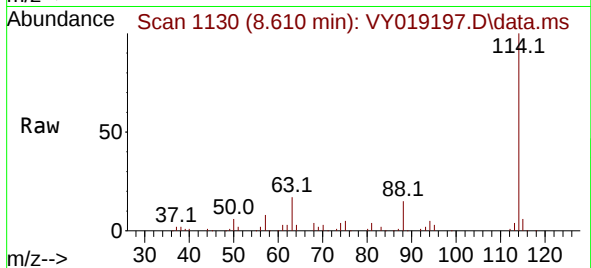
Instrument :

MSVOA_Y

ClientSampleId :

S-911-K1-SO-0-0.5-081924

Tgt Ion:114	Resp:	83096
Ion Ratio	Lower	Upper
114	100	
63	17.2	0.0 35.0
88	15.2	0.0 27.2



#35

Dibromofluoromethane

Concen: 46.592 ug/l

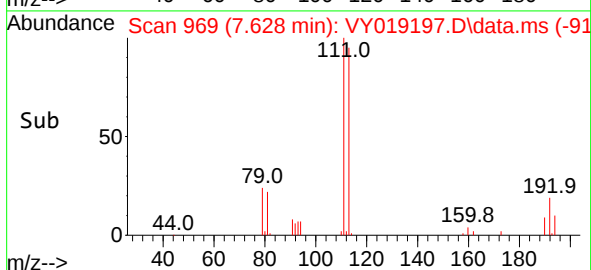
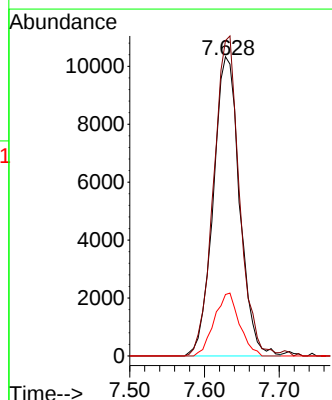
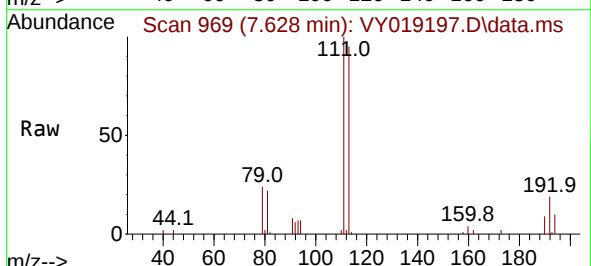
RT: 7.628 min Scan# 969

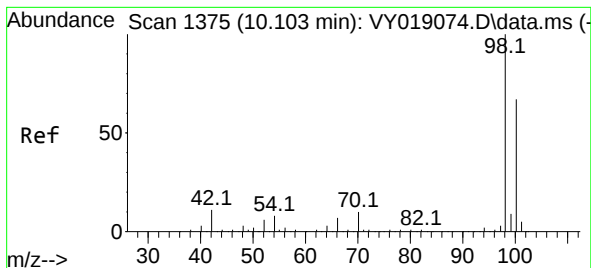
Delta R.T. 0.006 min

Lab File: VY019197.D

Acq: 22 Aug 2024 04:09

Tgt Ion:113	Resp:	25315
Ion Ratio	Lower	Upper
113	100	
111	104.7	82.2 123.4
192	20.0	15.9 23.9





#50

Toluene-d8

Concen: 44.425 ug/l

RT: 10.103 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019197.D

Acq: 22 Aug 2024 04:09

Instrument :

MSVOA_Y

ClientSampleId :

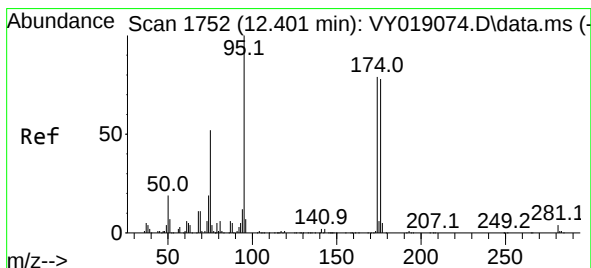
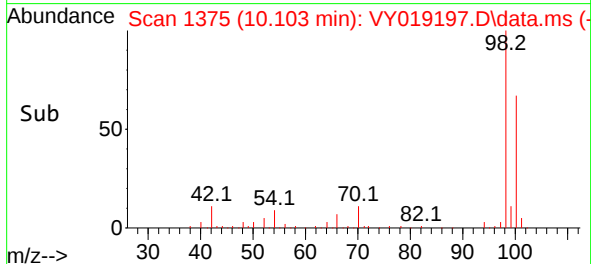
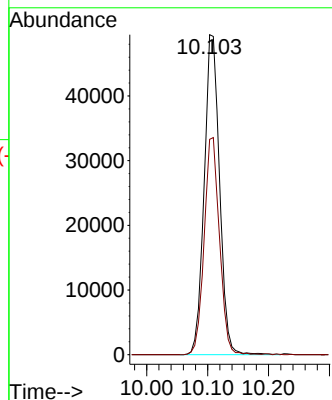
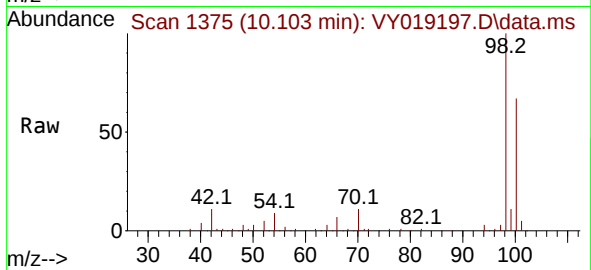
S-911-K1-SO-0-0.5-081924

Tgt Ion: 98 Resp: 86863

Ion Ratio Lower Upper

98 100

100 67.5 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 25.313 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019197.D

Acq: 22 Aug 2024 04:09

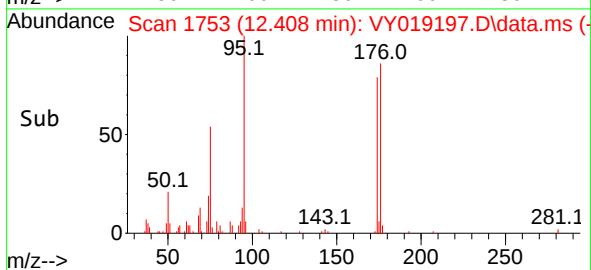
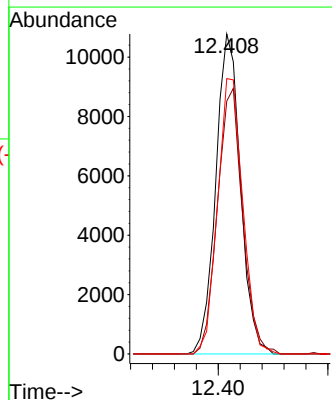
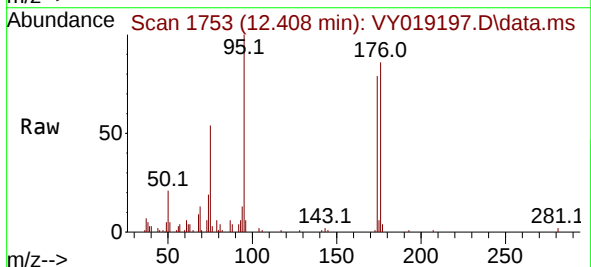
Tgt Ion: 95 Resp: 16872

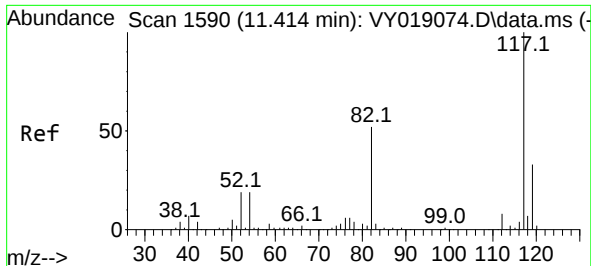
Ion Ratio Lower Upper

95 100

174 84.2 0.0 175.6

176 87.8 0.0 171.4

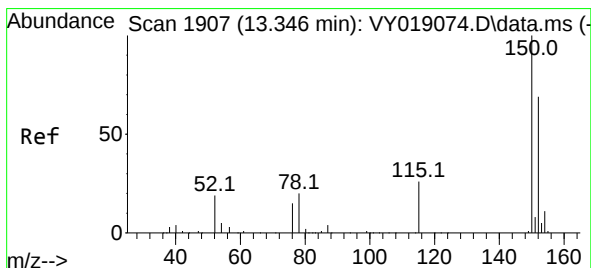
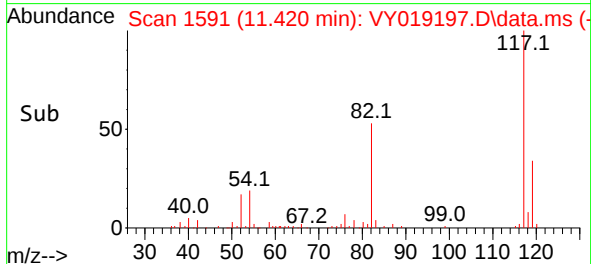
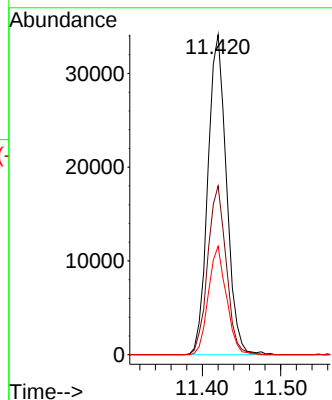
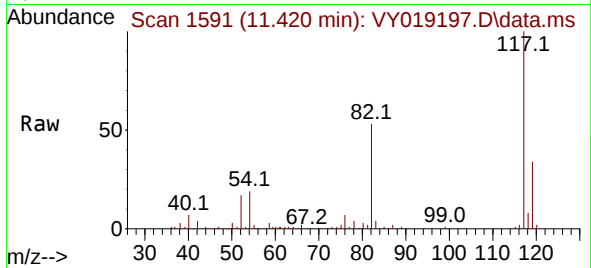




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019197.D
Acq: 22 Aug 2024 04:09

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MSVOA_Y
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Tgt Ion:117	Resp:	56389
Ion	Ratio	Lower Upper
117	100	
82	52.7	42.4 63.6
119	33.9	25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY019197.D
Acq: 22 Aug 2024 04:09

Tgt Ion:152	Resp:	13012
Ion	Ratio	Lower Upper
152	100	
115	57.1	28.2 84.7
150	163.3	0.0 345.6

