

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081424\
 Data File : VY019051.D
 Acq On : 14 Aug 2024 12:09
 Operator : SY/MD
 Sample : P3512-05
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 931-K1-SD-0.5-1.0-080724

Quant Time: Aug 14 21:44:45 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	45945	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	79827	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	67944	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	24058	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	20507	50.836	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.680%
35) Dibromofluoromethane	7.628	113	24611	48.272	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.540%
50) Toluene-d8	10.103	98	93906	47.952	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.900%
62) 4-Bromofluorobenzene	12.408	95	21338	36.726	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	73.460%

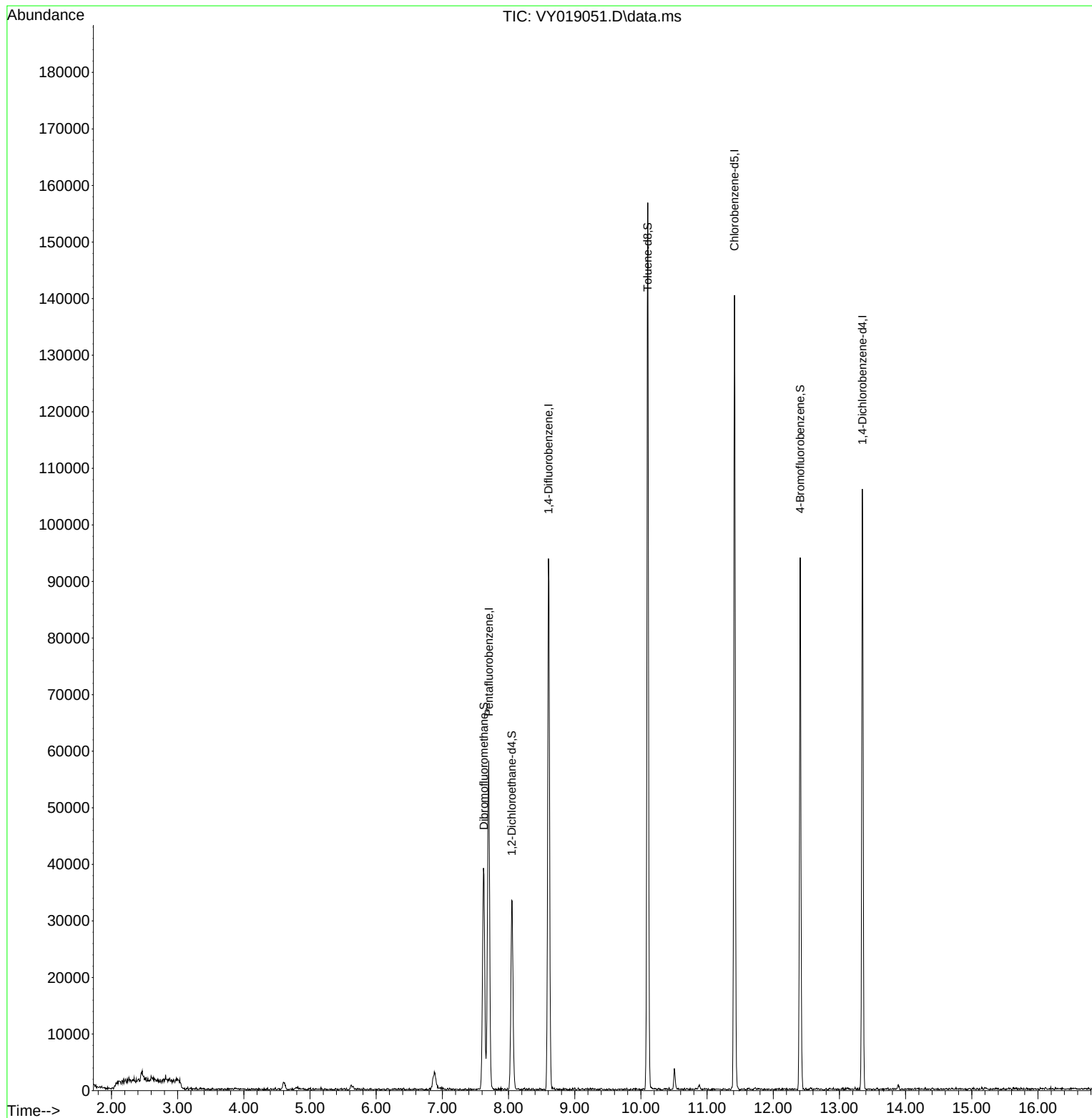
Target Compounds	Qvalue

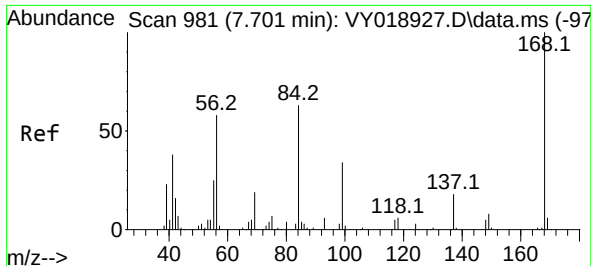
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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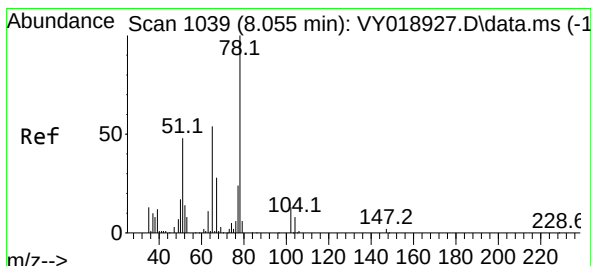
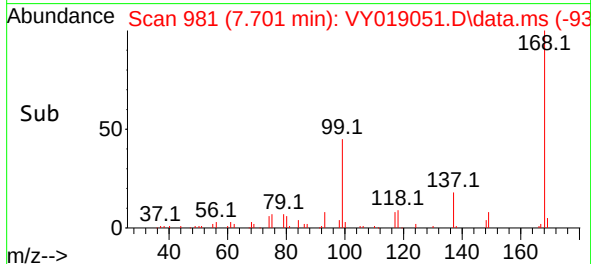
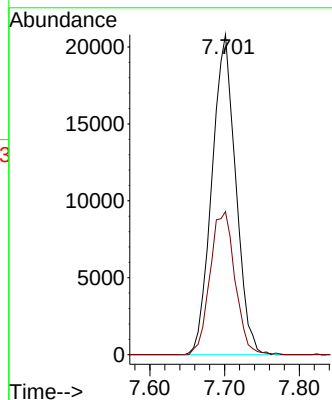
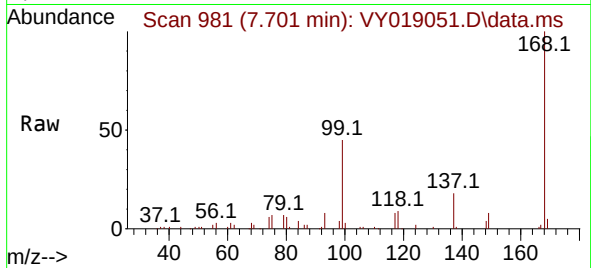




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019051.D
Acq: 14 Aug 2024 12:09

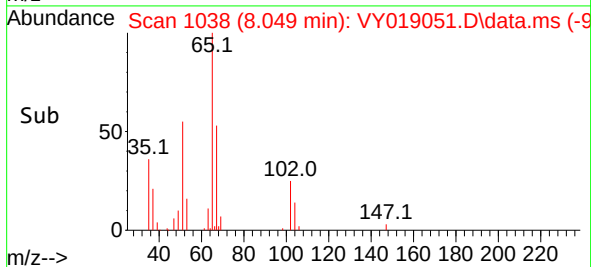
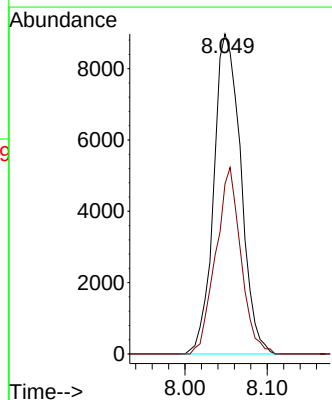
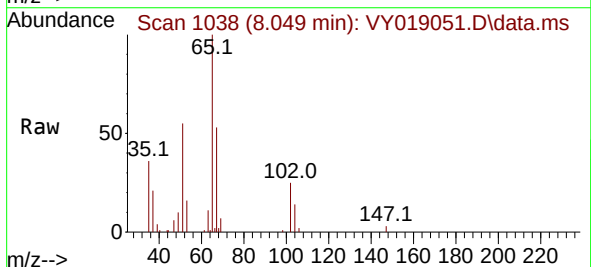
Instrument :
MSVOA_Y
ClientSampleId :
931-K1-SD-0.5-1.0-080724

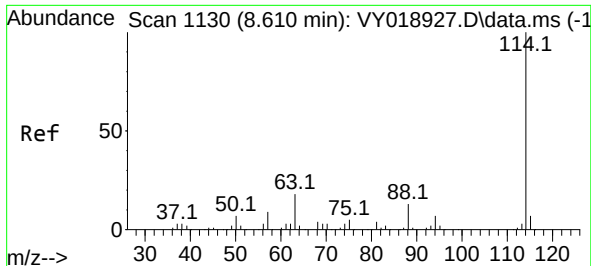
Tgt Ion:168 Resp: 45945
Ion Ratio Lower Upper
168 100
99 44.7 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 50.836 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY019051.D
Acq: 14 Aug 2024 12:09

Tgt Ion: 65 Resp: 20507
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# 1130

Delta R.T. -0.006 min

Lab File: VY019051.D

Acq: 14 Aug 2024 12:09

Instrument :

MSVOA_Y

ClientSampleId :

931-K1-SD-0.5-1.0-080724

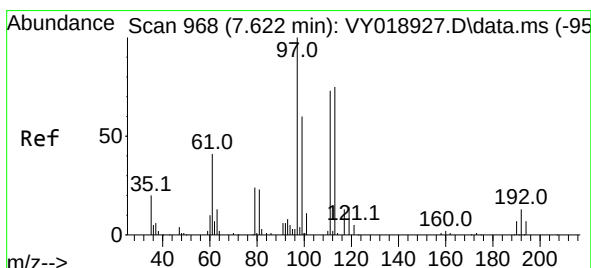
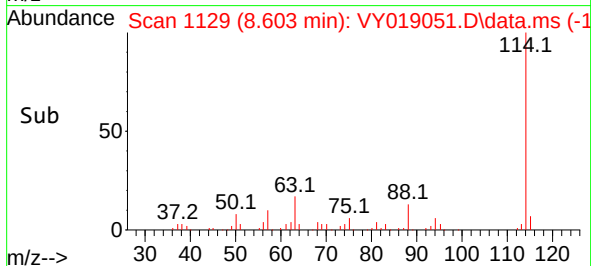
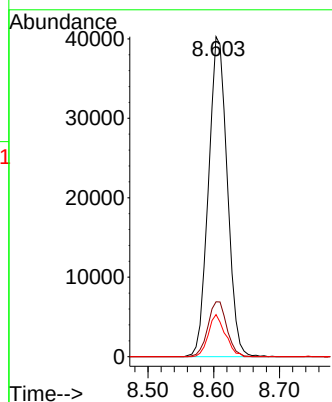
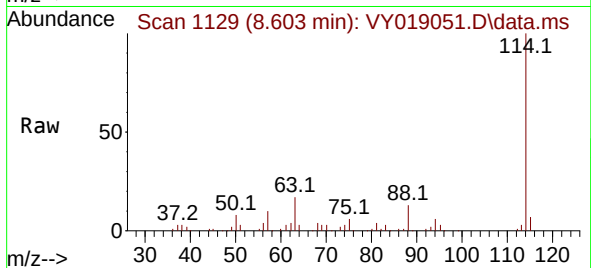
Tgt Ion:114 Resp: 79827

Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.0

88 13.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.272 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY019051.D

Acq: 14 Aug 2024 12:09

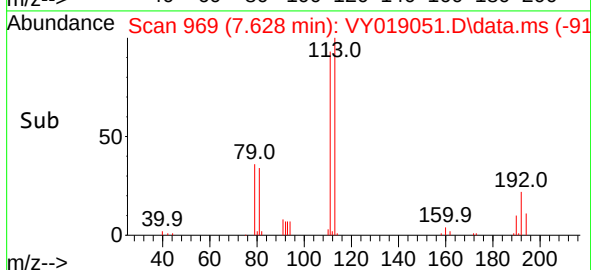
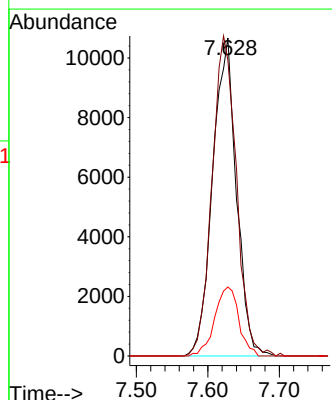
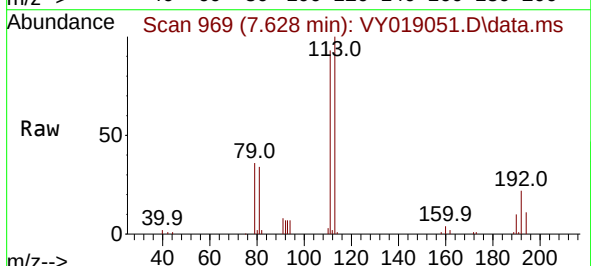
Tgt Ion:113 Resp: 24611

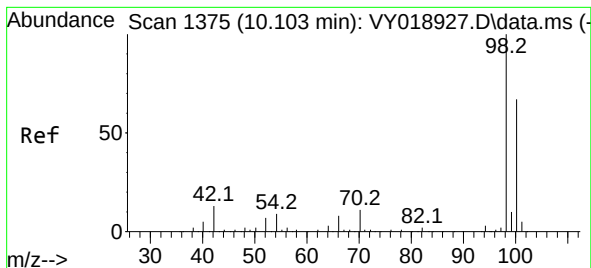
Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.4

192 22.0 15.9 23.9





#50

Toluene-d8

Concen: 47.952 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY019051.D

Acq: 14 Aug 2024 12:09

Instrument :

MSVOA_Y

ClientSampleId :

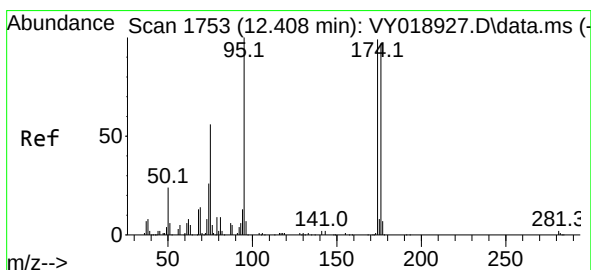
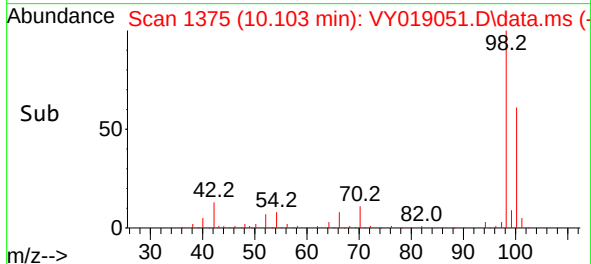
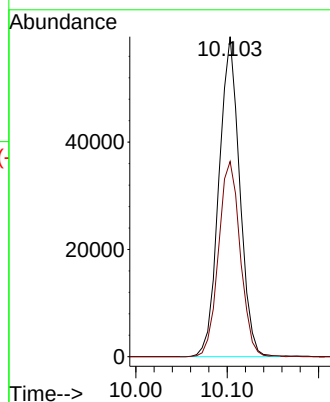
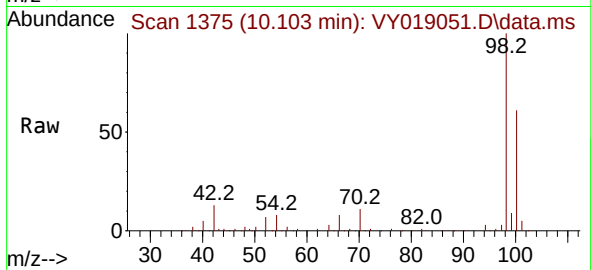
931-K1-SD-0.5-1.0-080724

Tgt Ion: 98 Resp: 93906

Ion Ratio Lower Upper

98 100

100 64.0 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 36.726 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.000 min

Lab File: VY019051.D

Acq: 14 Aug 2024 12:09

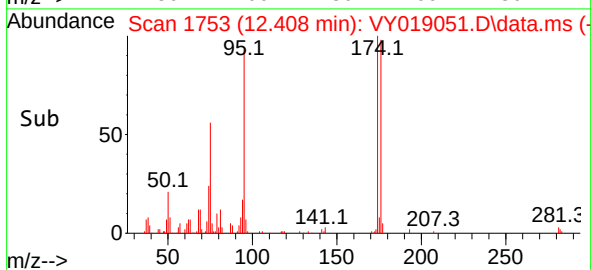
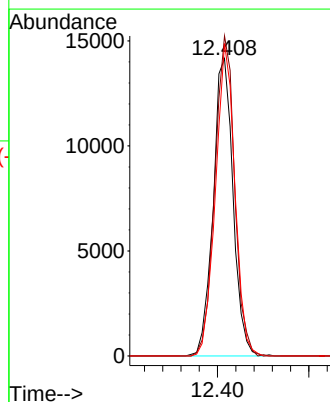
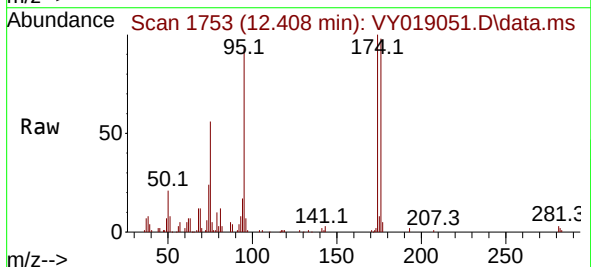
Tgt Ion: 95 Resp: 21338

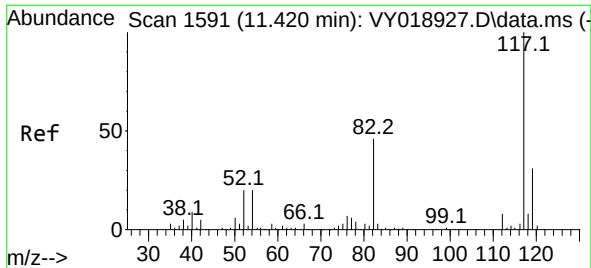
Ion Ratio Lower Upper

95 100

174 107.3 0.0 175.6

176 102.1 0.0 171.4

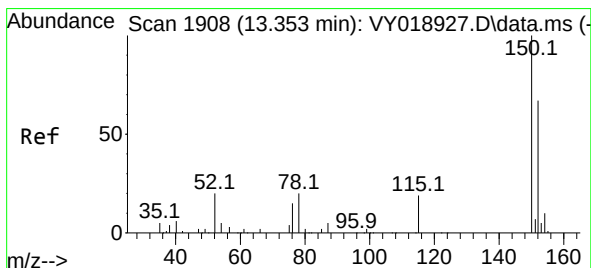
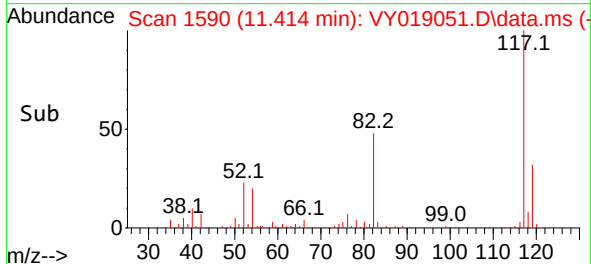
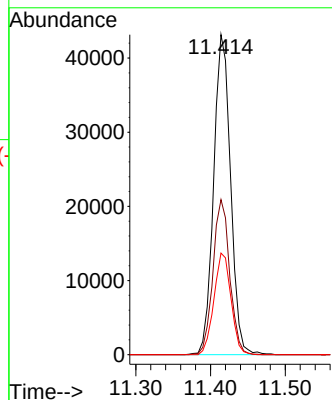
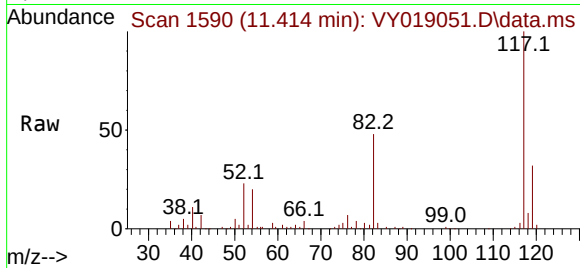




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY019051.D
Acq: 14 Aug 2024 12:09

Instrument :
MSVOA_Y
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Tgt Ion:117	Resp:	67944
Ion	Ratio	Lower Upper
117	100	
82	48.5	42.4 63.6
119	31.7	25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY019051.D
Acq: 14 Aug 2024 12:09

Tgt Ion:152	Resp:	24058
Ion	Ratio	Lower Upper
152	100	
115	52.9	28.2 84.7
150	160.3	0.0 345.6

