

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082724\
 Data File : VY019307.D
 Acq On : 28 Aug 2024 02:09
 Operator : SY/MD
 Sample : P3717-07
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4

Quant Time: Aug 28 03:35:47 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	93881	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	166835	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	153260	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	58608	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	51802	55.045	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.100%
35) Dibromofluoromethane	7.628	113	53739	49.263	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.520%
50) Toluene-d8	10.103	98	188589	48.040	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.080%
62) 4-Bromofluorobenzene	12.408	95	58458	43.682	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	87.360%

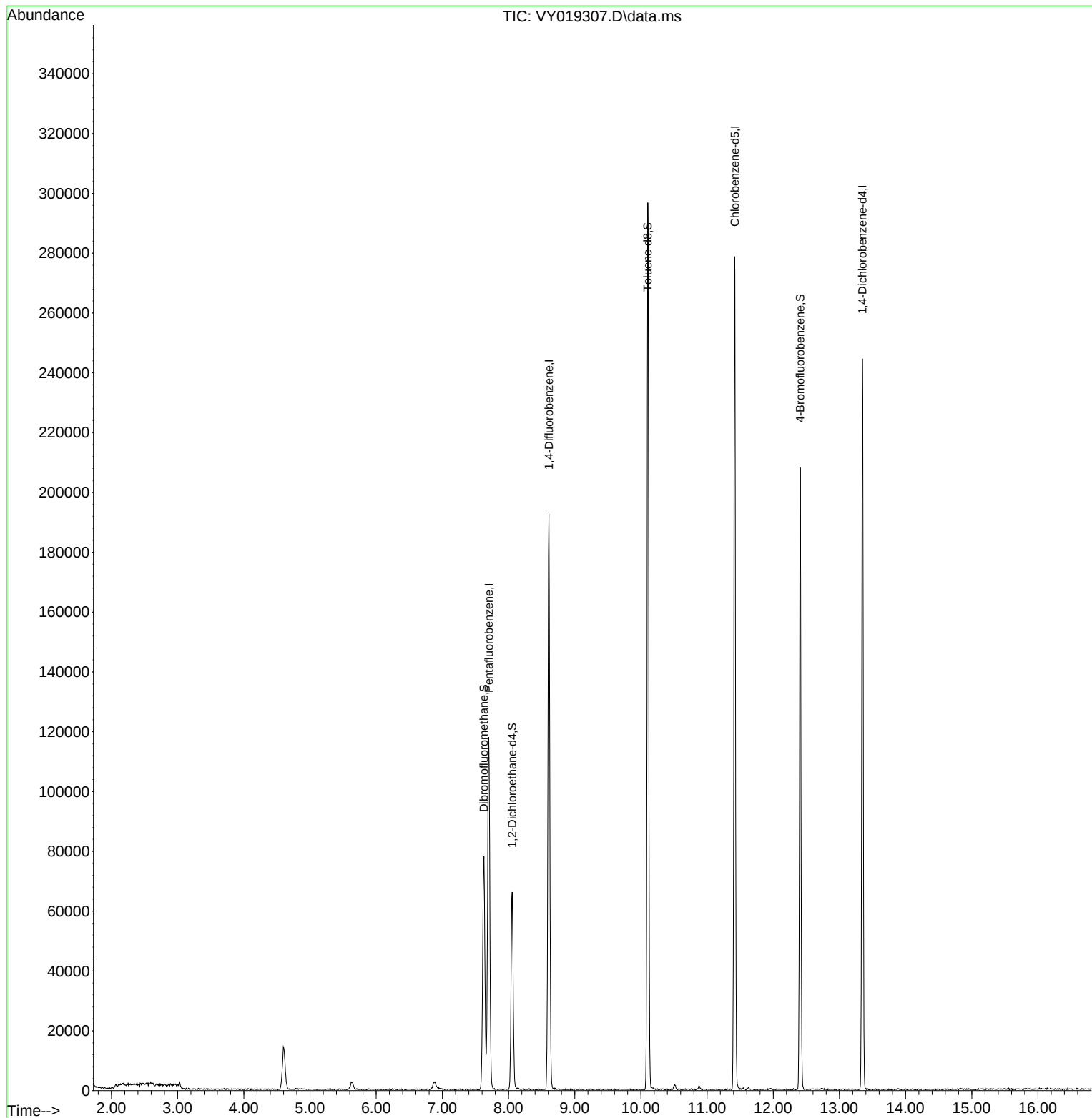
Target Compounds	Qvalue

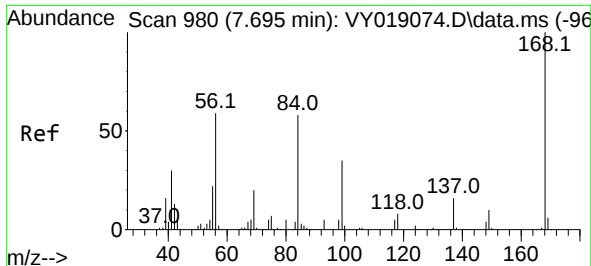
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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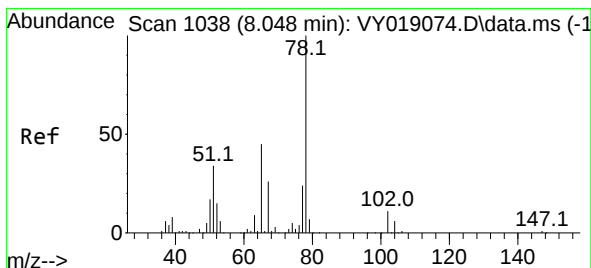
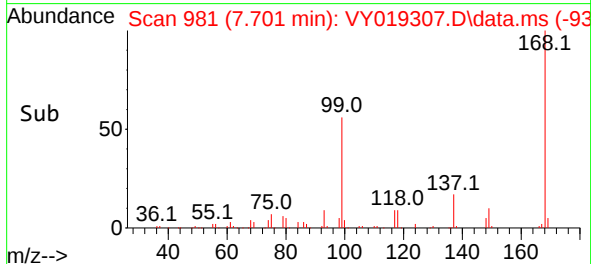
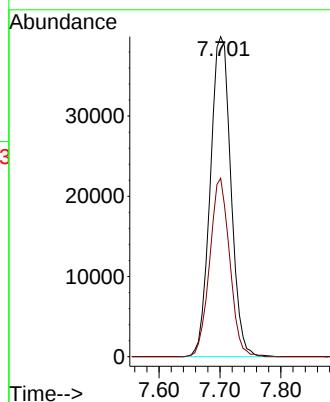
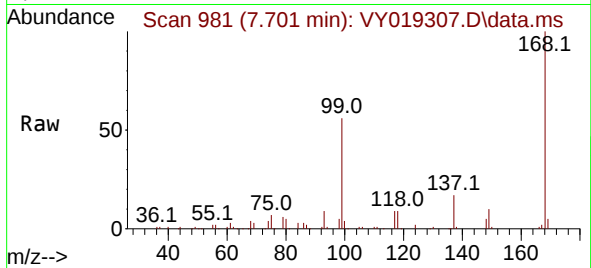




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY019307.D
Acq: 28 Aug 2024 02:09

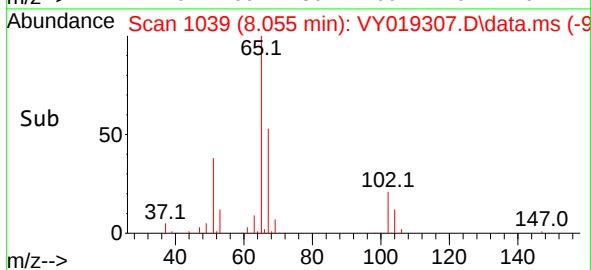
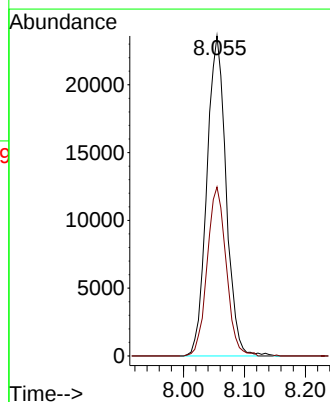
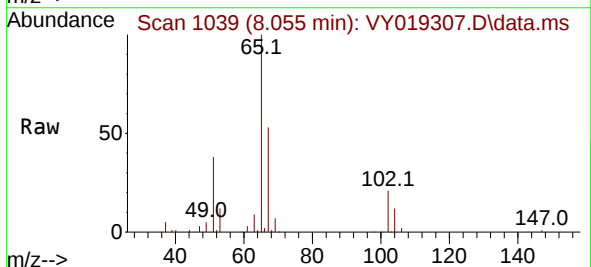
Instrument :
MSVOA_Y
ClientSampleId :
TP-4

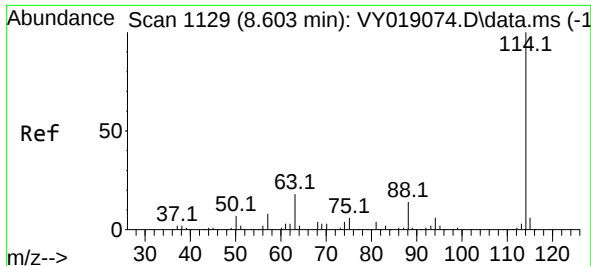
Tgt Ion:168 Resp: 93881
Ion Ratio Lower Upper
168 100
99 55.8 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 55.045 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.007 min
Lab File: VY019307.D
Acq: 28 Aug 2024 02:09

Tgt Ion: 65 Resp: 51802
Ion Ratio Lower Upper
65 100
67 52.3 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. 0.007 min

Lab File: VY019307.D

Acq: 28 Aug 2024 02:09

Instrument :

MSVOA_Y

ClientSampleId :

TP-4

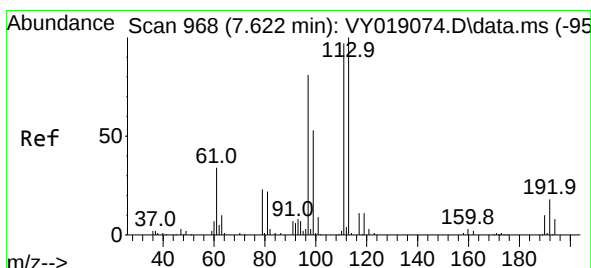
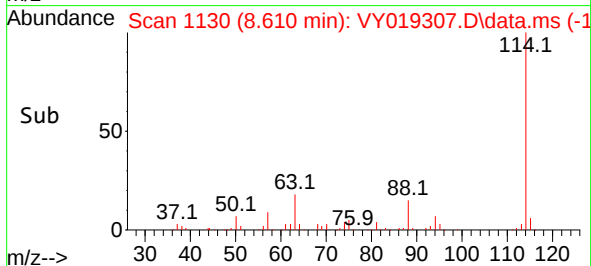
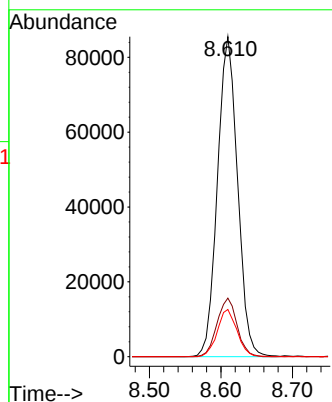
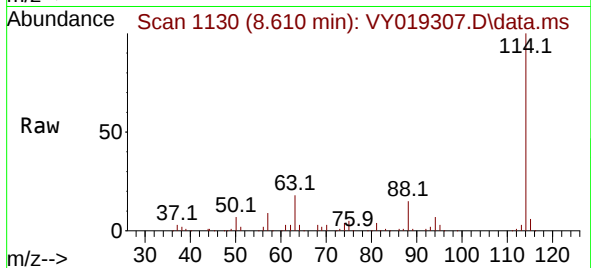
Tgt Ion:114 Resp: 166835

Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.0

88 14.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.263 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.007 min

Lab File: VY019307.D

Acq: 28 Aug 2024 02:09

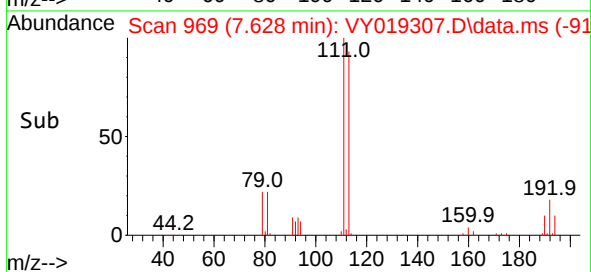
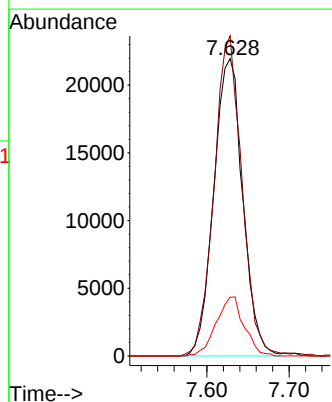
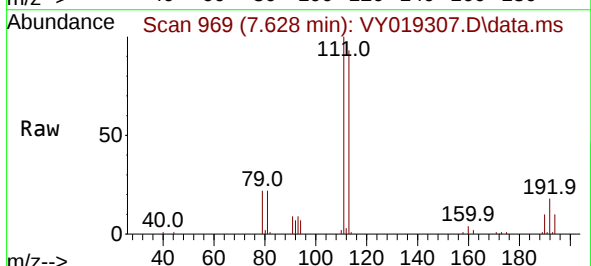
Tgt Ion:113 Resp: 53739

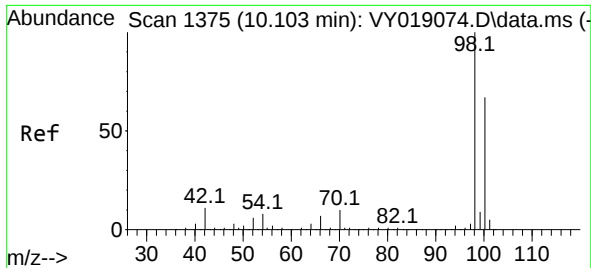
Ion Ratio Lower Upper

113 100

111 104.0 82.2 123.4

192 19.1 15.9 23.9

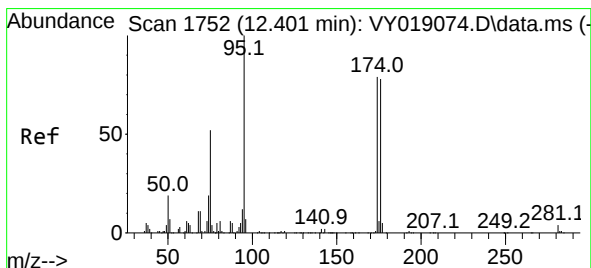
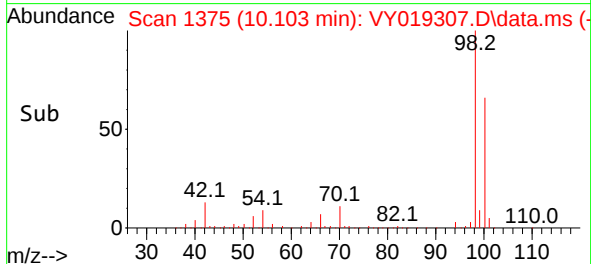
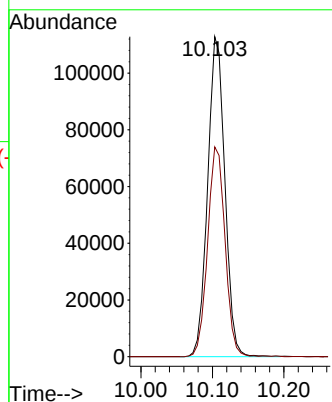
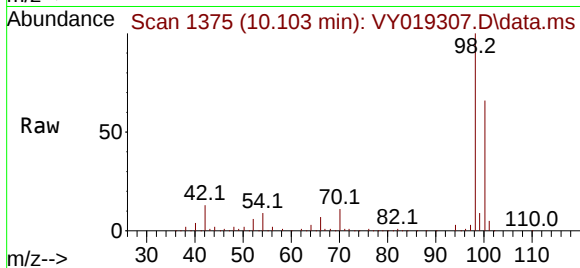




#50
Toluene-d8
Concen: 48.040 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019307.D
Acq: 28 Aug 2024 02:09

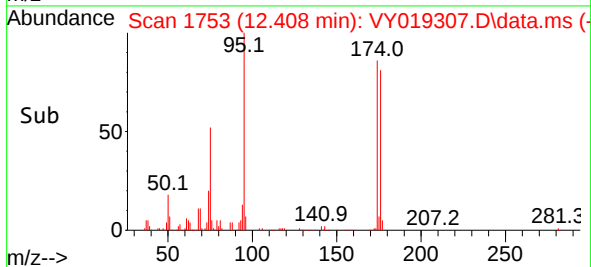
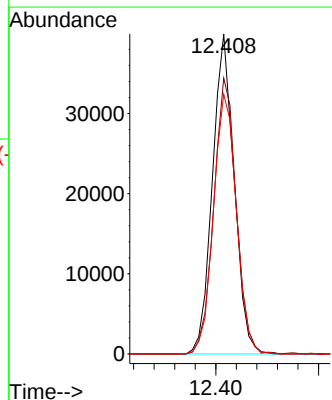
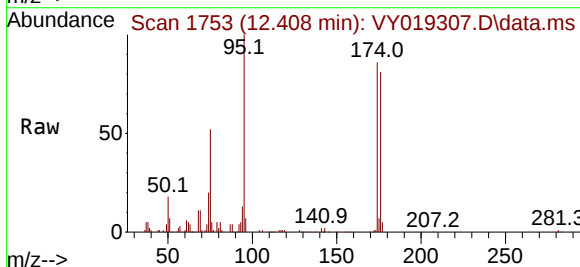
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TP-4

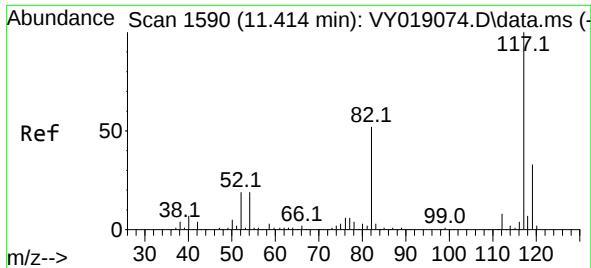
Tgt Ion: 98 Resp: 188589
Ion Ratio Lower Upper
98 100
100 66.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.682 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019307.D
Acq: 28 Aug 2024 02:09

Tgt Ion: 95 Resp: 58458
Ion Ratio Lower Upper
95 100
174 89.1 0.0 175.6
176 86.1 0.0 171.4

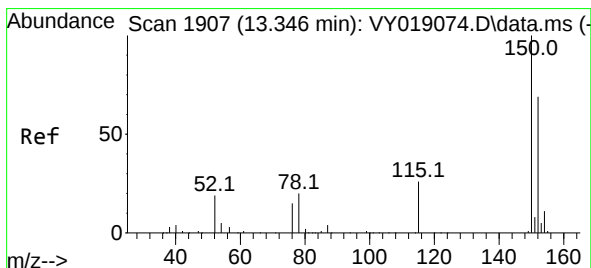
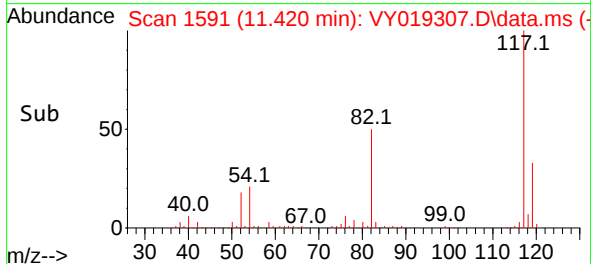
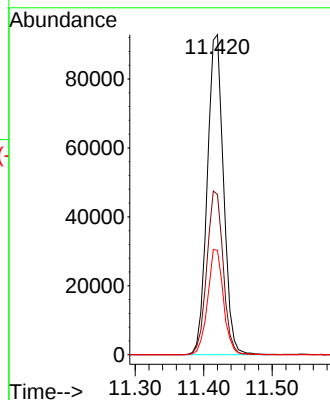
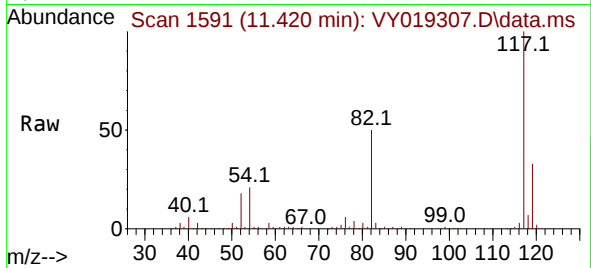




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY019307.D
Acq: 28 Aug 2024 02:09

Instrument :
MSVOA_Y
ClientSampleId :
TP-4

Tgt Ion:117 Resp: 153260
Ion Ratio Lower Upper
117 100
82 50.1 42.4 63.6
119 32.6 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019307.D
Acq: 28 Aug 2024 02:09

Tgt Ion:152 Resp: 58608
Ion Ratio Lower Upper
152 100
115 58.2 28.2 84.7
150 161.3 0.0 345.6

