

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082124\
 Data File : VY019186.D
 Acq On : 21 Aug 2024 21:55
 Operator : SY/MD
 Sample : P3534-03RE
 Misc : 12.37g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HP-IPRE

Quant Time: Aug 22 01:20:22 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	94621	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	174143	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	131716	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	47633	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	52406	55.251	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.500%
35) Dibromofluoromethane	7.628	113	56236	49.388	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.780%
50) Toluene-d8	10.103	98	168554	41.135	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	82.260%
62) 4-Bromofluorobenzene	12.408	95	51013	36.520	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	73.040%

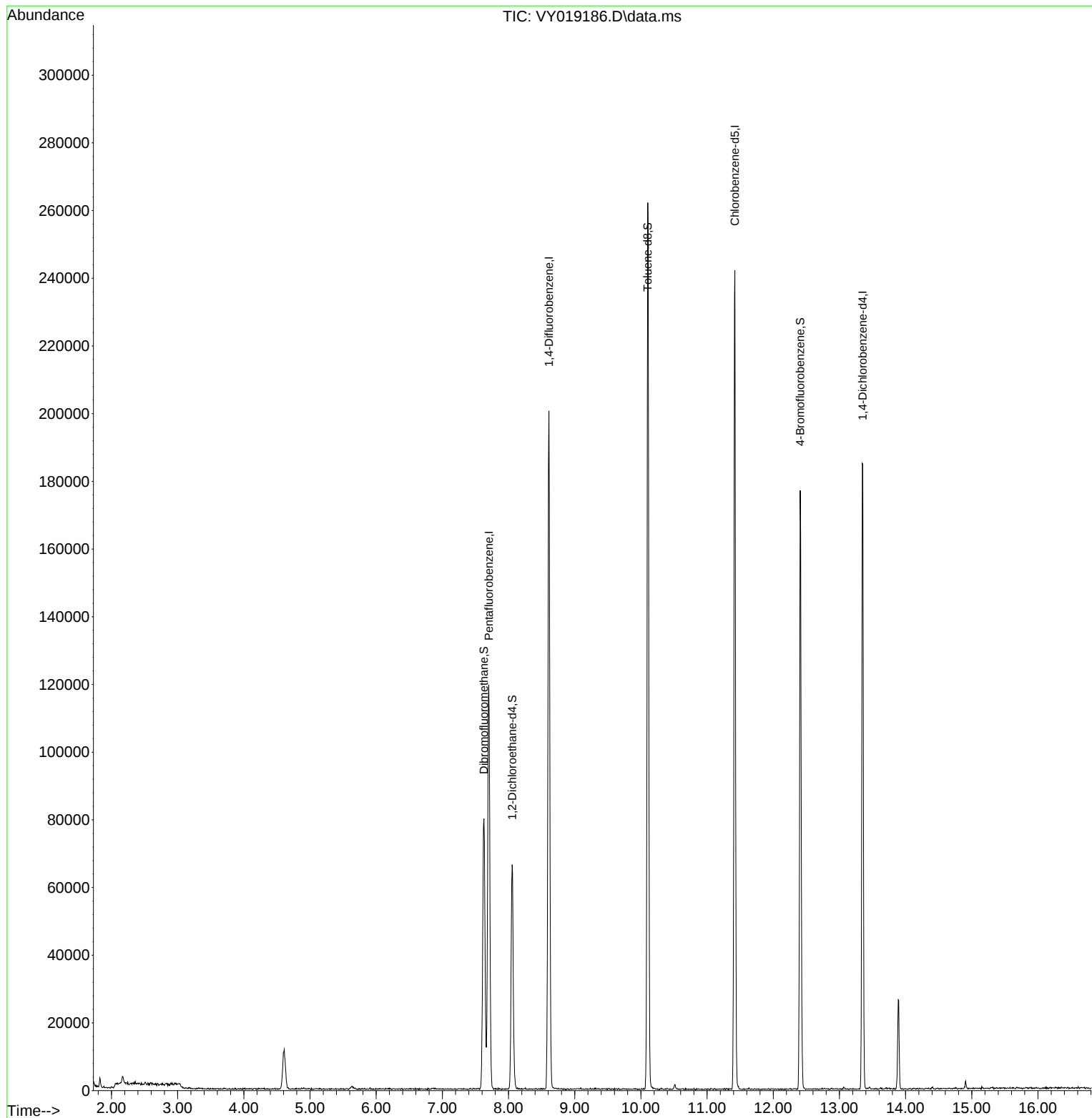
Target Compounds	Qvalue

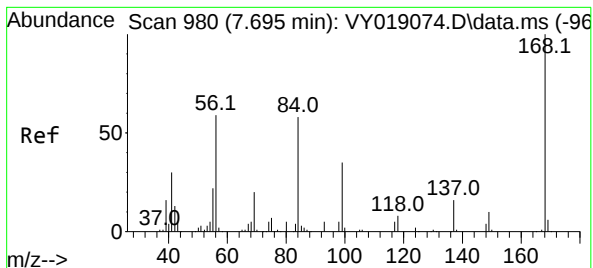
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.701 min Scan# 9

Delta R.T. 0.006 min

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Instrument :

MSVOA_Y

ClientSampleId :

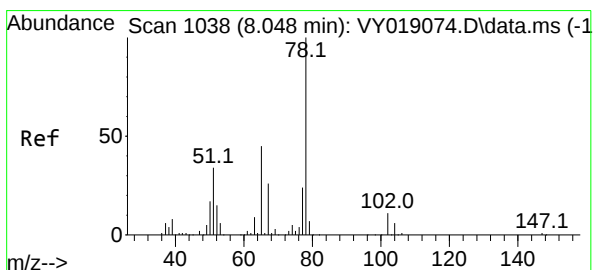
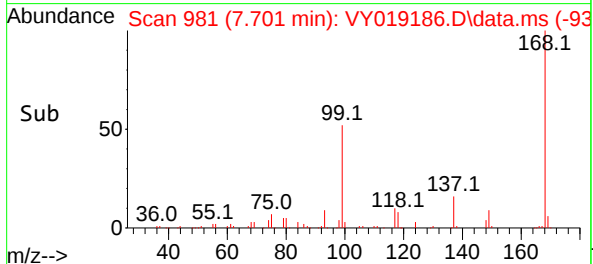
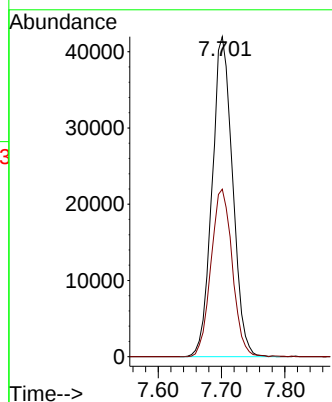
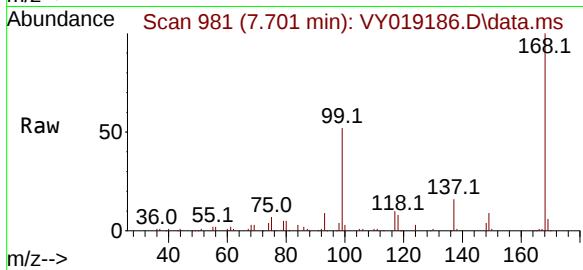
HP-IPRE

Tgt Ion:168 Resp: 94621

Ion Ratio Lower Upper

168 100

99 52.4 39.1 58.7



#33

1,2-Dichloroethane-d4

Concen: 55.251 ug/l

RT: 8.055 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY019186.D

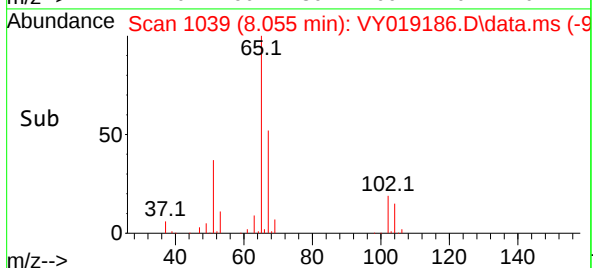
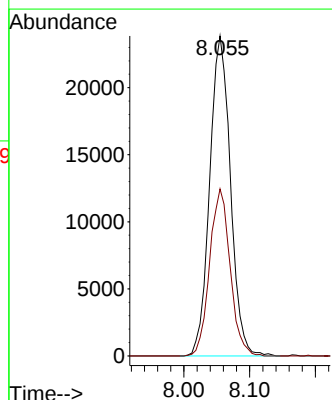
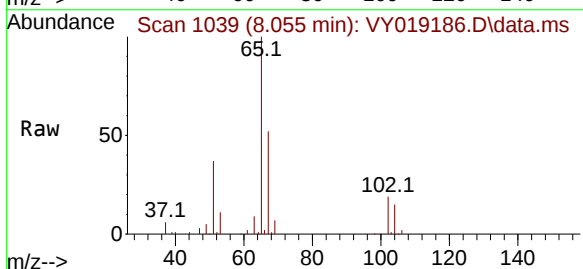
Acq: 21 Aug 2024 21:55

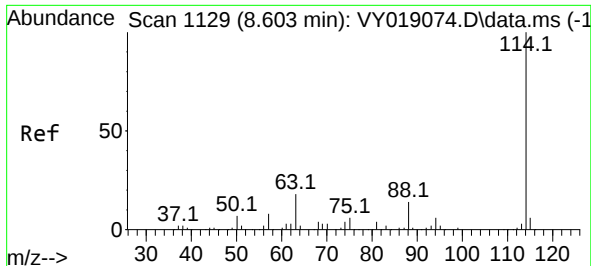
Tgt Ion: 65 Resp: 52406

Ion Ratio Lower Upper

65 100

67 51.5 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: VY019186.D

Acq: 21 Aug 2024 21:55

Instrument :

MSVOA_Y

ClientSampleId :

HP-IPRE

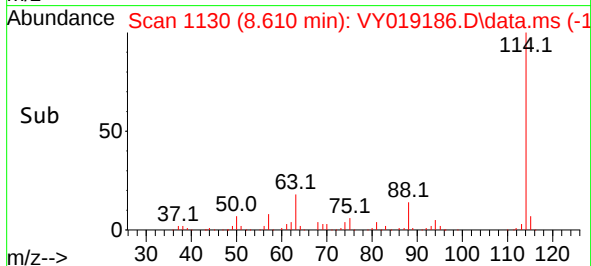
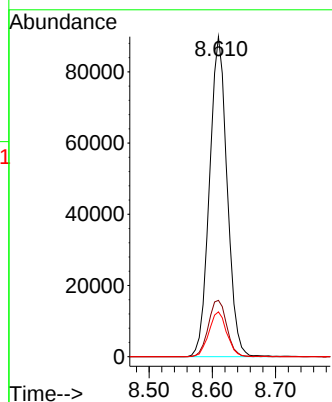
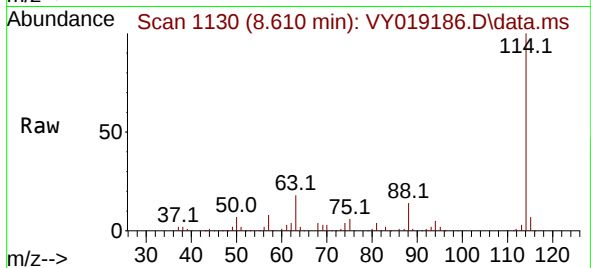
Tgt Ion:114 Resp: 174143

Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.0

88 14.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.388 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

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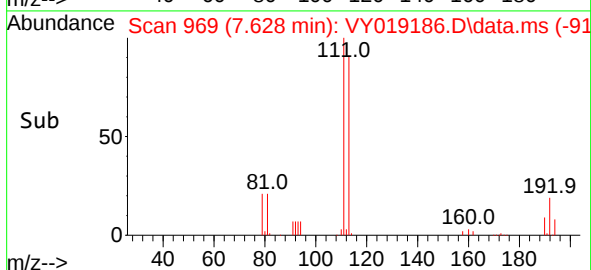
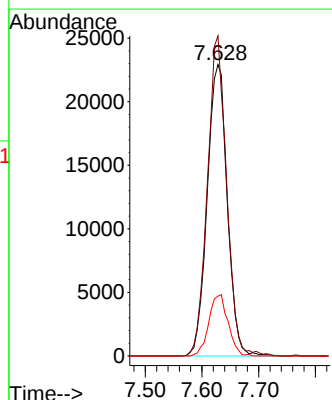
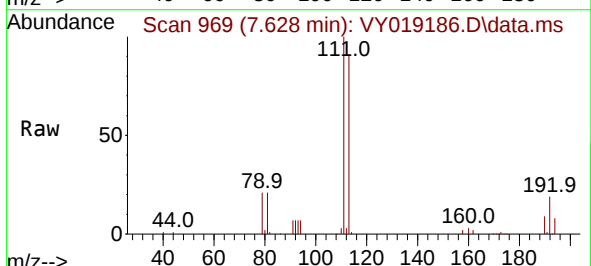
Tgt Ion:113 Resp: 56236

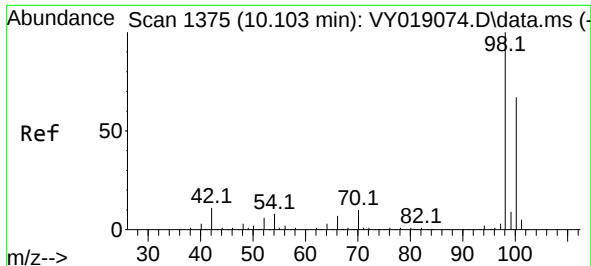
Ion Ratio Lower Upper

113 100

111 105.3 82.2 123.4

192 20.2 15.9 23.9

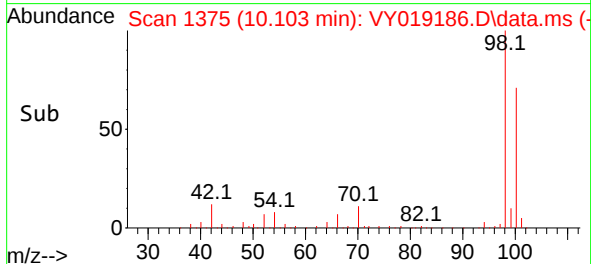
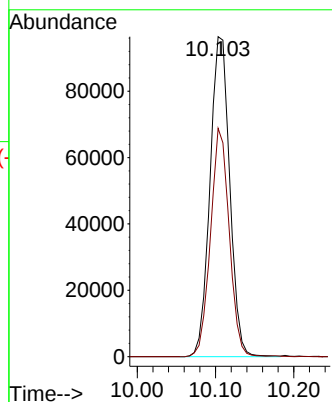
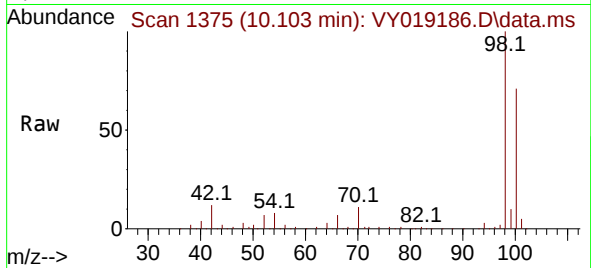




#50
Toluene-d8
Concen: 41.135 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019186.D
Acq: 21 Aug 2024 21:55

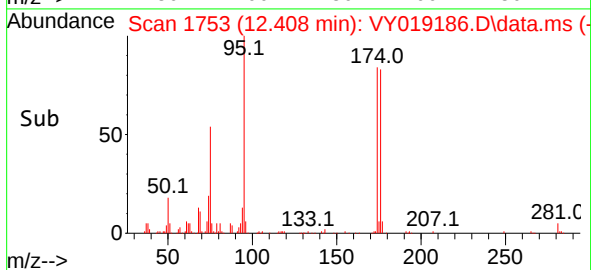
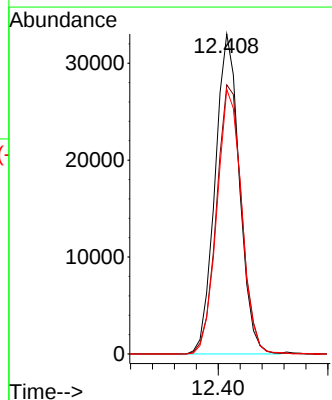
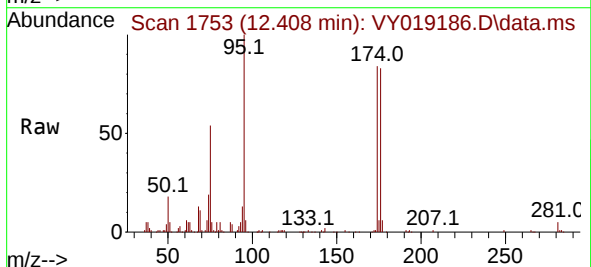
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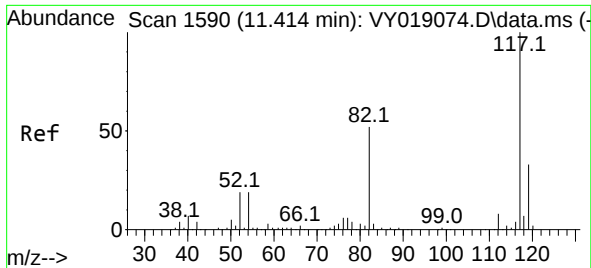
Tgt Ion: 98 Resp: 168554
Ion Ratio Lower Upper
98 100
100 67.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 36.520 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019186.D
Acq: 21 Aug 2024 21:55

Tgt Ion: 95 Resp: 51013
Ion Ratio Lower Upper
95 100
174 86.8 0.0 175.6
176 83.8 0.0 171.4

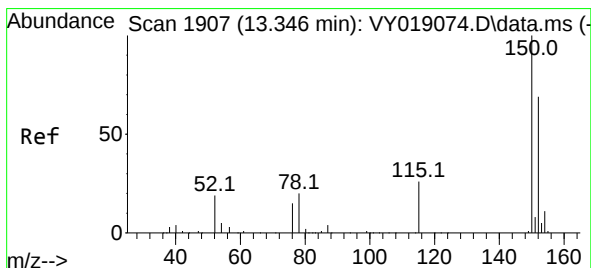
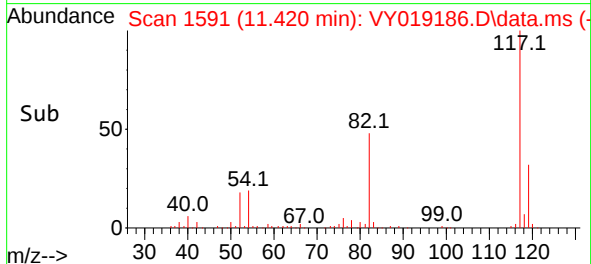
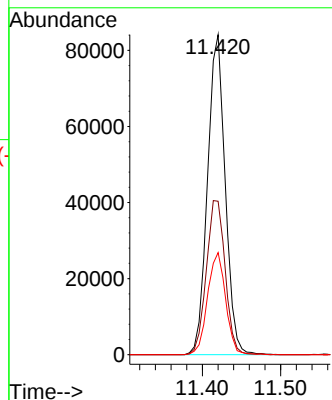
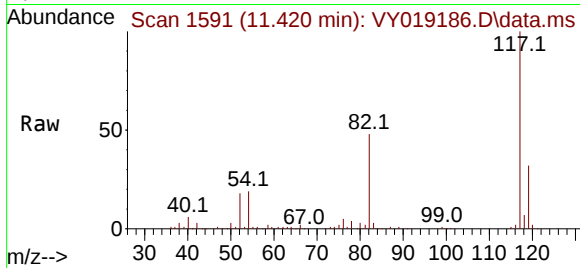




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY019186.D
Acq: 21 Aug 2024 21:55

Instrument :
MSVOA_Y
ClientSampleId :
HP-IPRE

Tgt Ion:117 Resp: 131716
Ion Ratio Lower Upper
117 100
82 47.9 42.4 63.6
119 31.9 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: VY019186.D
Acq: 21 Aug 2024 21:55

Tgt Ion:152 Resp: 47633
Ion Ratio Lower Upper
152 100
115 57.8 28.2 84.7
150 157.9 0.0 345.6

