

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082124\
 Data File : VY019185.D
 Acq On : 21 Aug 2024 21:31
 Operator : SY/MD
 Sample : P3643-08RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 22 04:37:20 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	26384	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	39716	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	28824	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	8534	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	10993	41.565	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.120%
35) Dibromofluoromethane	7.628	113	12238	47.126	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.260%
50) Toluene-d8	10.103	98	37977	40.638	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	81.280%
62) 4-Bromofluorobenzene	12.408	95	9195	28.863	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	57.720%

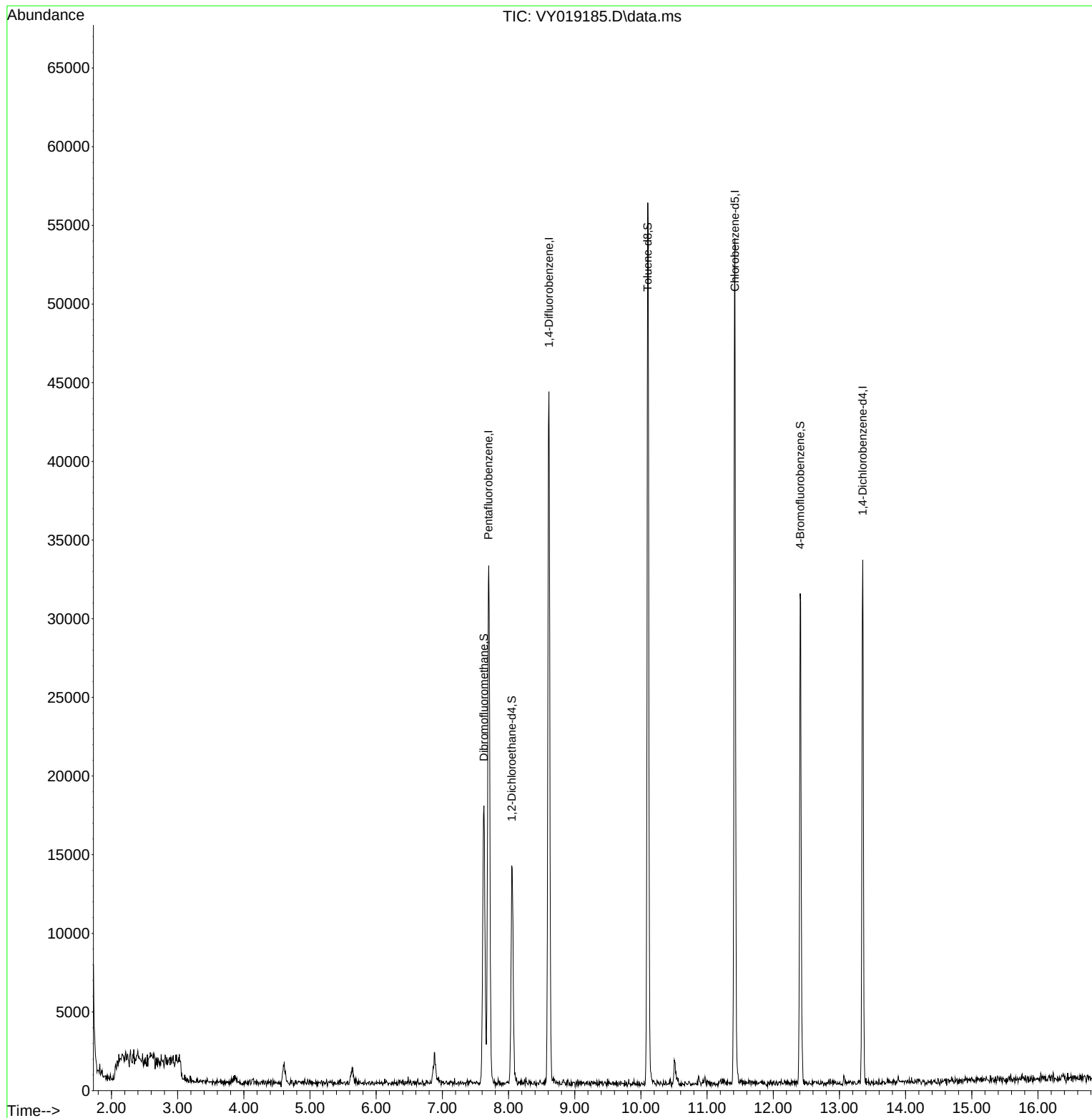
Target Compounds	Qvalue

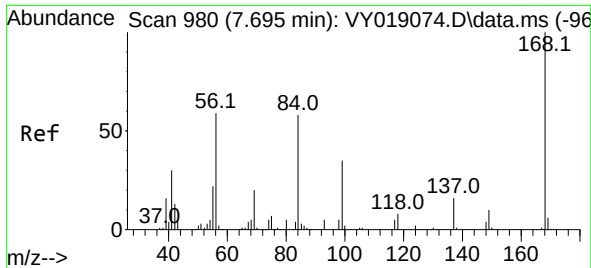
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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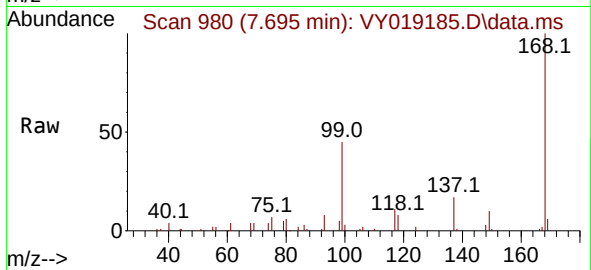
Quant Time: Aug 22 04:37:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
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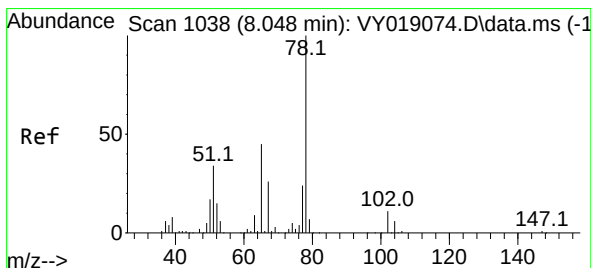
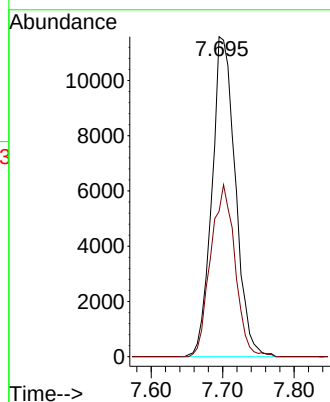
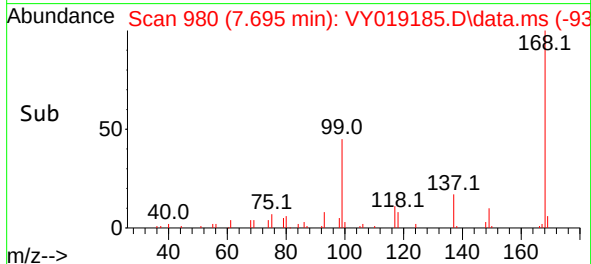


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY019185.D
Acq: 21 Aug 2024 21:31

Instrument :
MSVOA_Y
ClientSampleId :

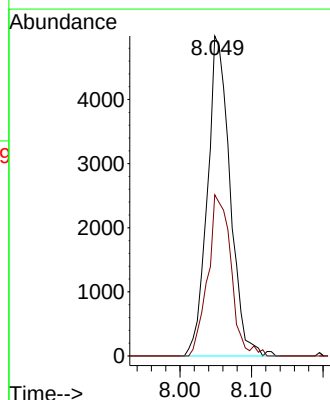
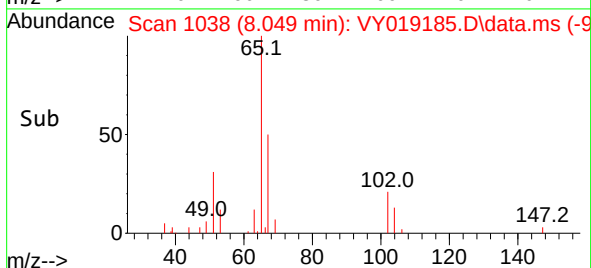
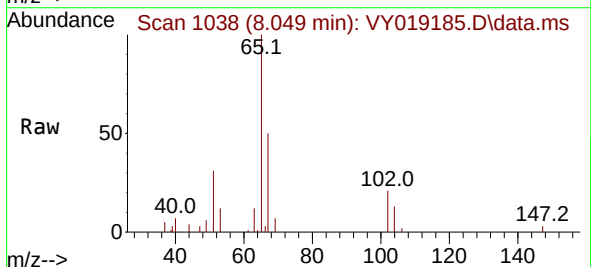


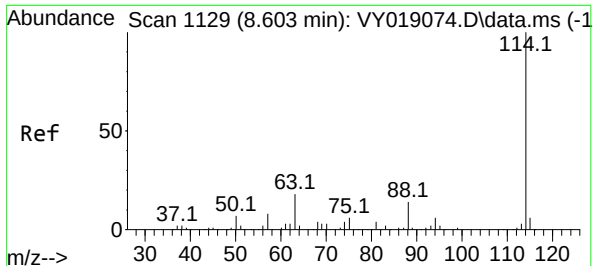
Tgt Ion:168 Resp: 26384
Ion Ratio Lower Upper
168 100
99 45.4 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 41.565 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY019185.D
Acq: 21 Aug 2024 21:31

Tgt Ion: 65 Resp: 10993
Ion Ratio Lower Upper
65 100
67 50.3 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: VY019185.D

Acq: 21 Aug 2024 21:31

Instrument :

MSVOA_Y

ClientSampleId :

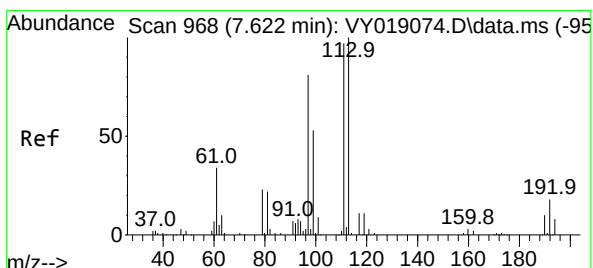
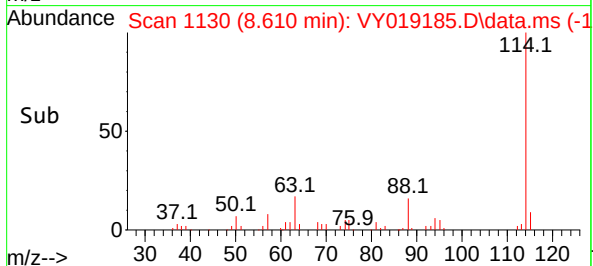
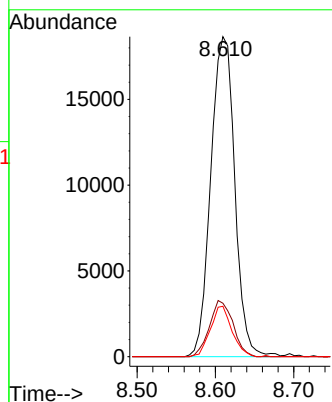
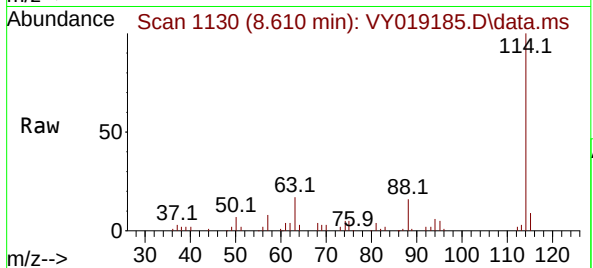
Tgt Ion:114 Resp: 39716

Ion Ratio Lower Upper

114 100

63 16.7 0.0 35.0

88 15.7 0.0 27.2



#35

Dibromofluoromethane

Concen: 47.126 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY019185.D

Acq: 21 Aug 2024 21:31

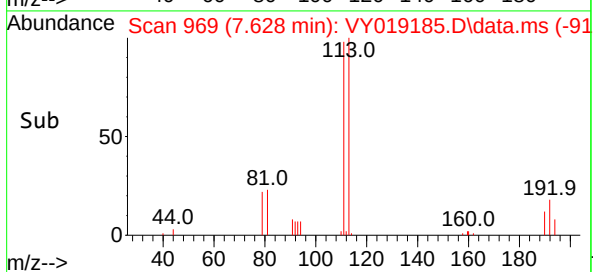
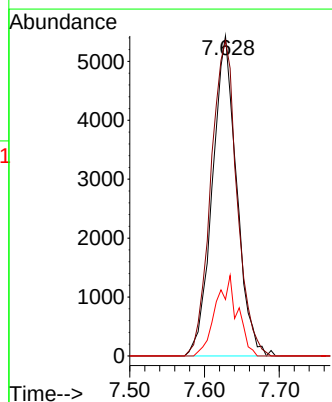
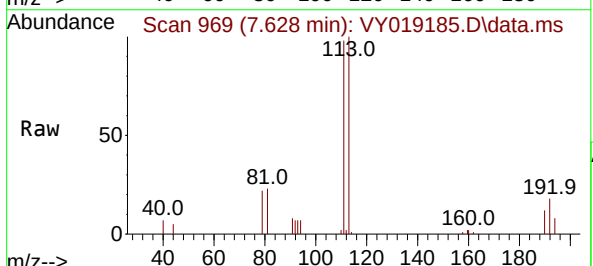
Tgt Ion:113 Resp: 12238

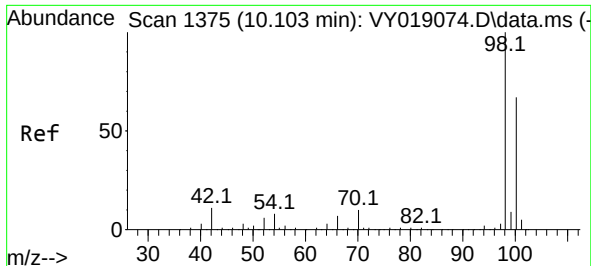
Ion Ratio Lower Upper

113 100

111 105.9 82.2 123.4

192 22.8 15.9 23.9

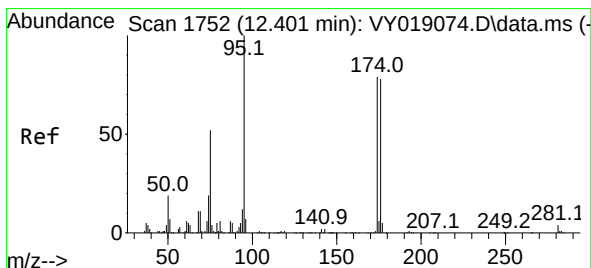
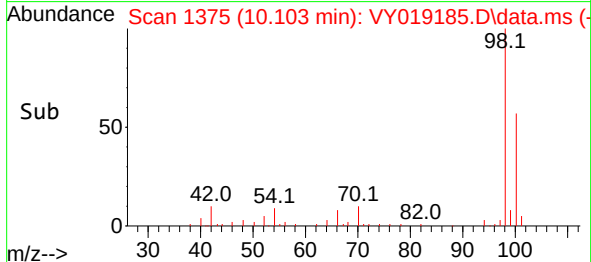
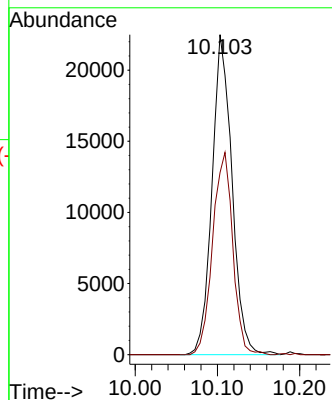
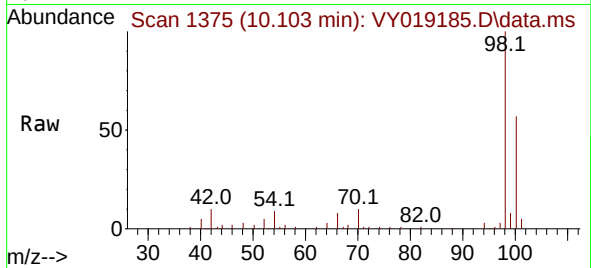




#50
Toluene-d8
Concen: 40.638 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019185.D
Acq: 21 Aug 2024 21:31

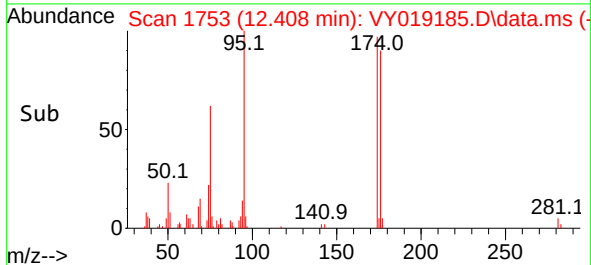
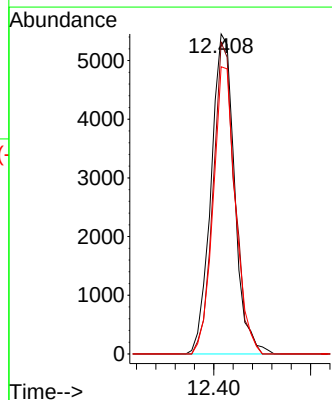
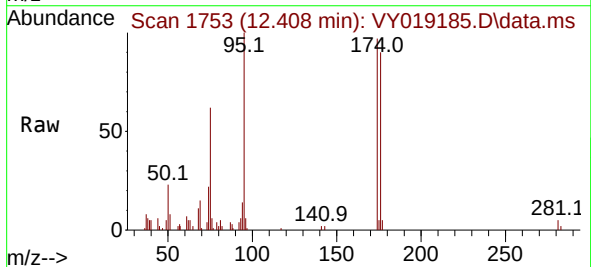
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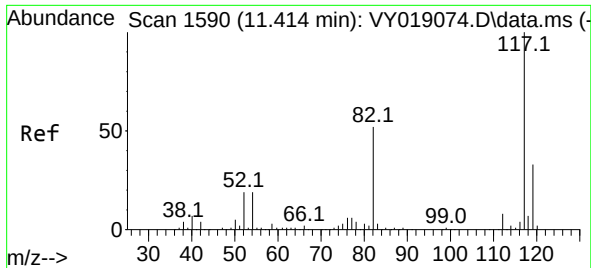
Tgt Ion: 98 Resp: 37977
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 28.863 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019185.D
Acq: 21 Aug 2024 21:31

Tgt Ion: 95 Resp: 9195
Ion Ratio Lower Upper
95 100
174 89.4 0.0 175.6
176 85.3 0.0 171.4

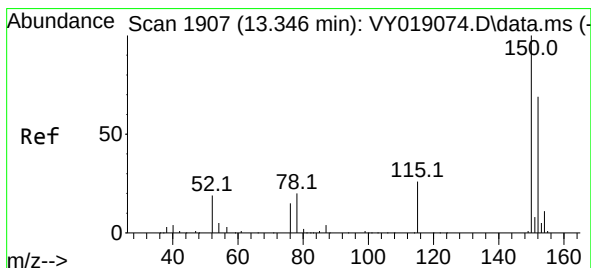
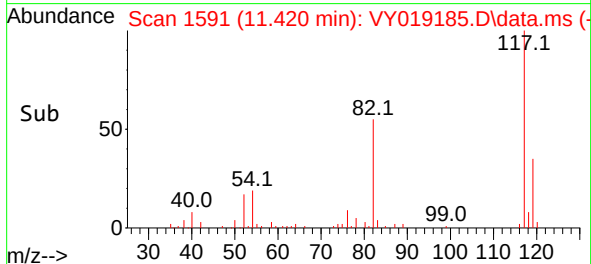
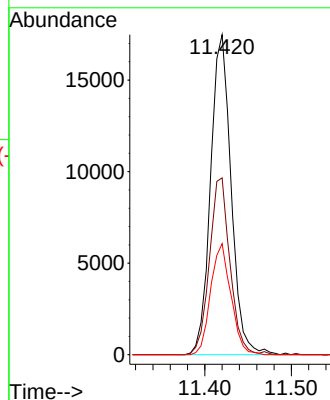
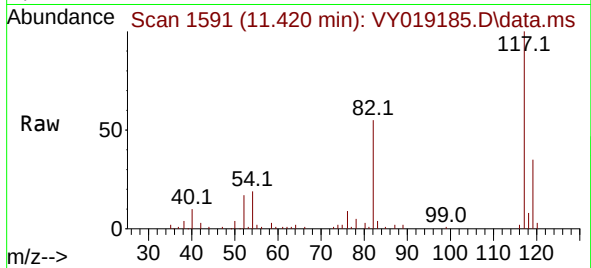




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019185.D
Acq: 21 Aug 2024 21:31

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 28824
Ion Ratio Lower Upper
117 100
82 55.3 42.4 63.6
119 34.7 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: VY019185.D
Acq: 21 Aug 2024 21:31

Tgt Ion:152 Resp: 8534
Ion Ratio Lower Upper
152 100
115 59.4 28.2 84.7
150 156.0 0.0 345.6

