

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120922\
 Data File : VY011750.D
 Acq On : 09 Dec 2022 18:03
 Operator : KP/MD
 Sample : N5943-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RM-301

Quant Time: Dec 10 03:56:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 03:30:20 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	3556	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	6082	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	6241	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	1334	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	3024	132.532	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	265.060%#
35) Dibromofluoromethane	7.722	113	929	33.062	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	66.120%
50) Toluene-d8	10.179	98	7410	88.790	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	177.580%#
62) 4-Bromofluorobenzene	12.483	95	1968	56.395	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.800%

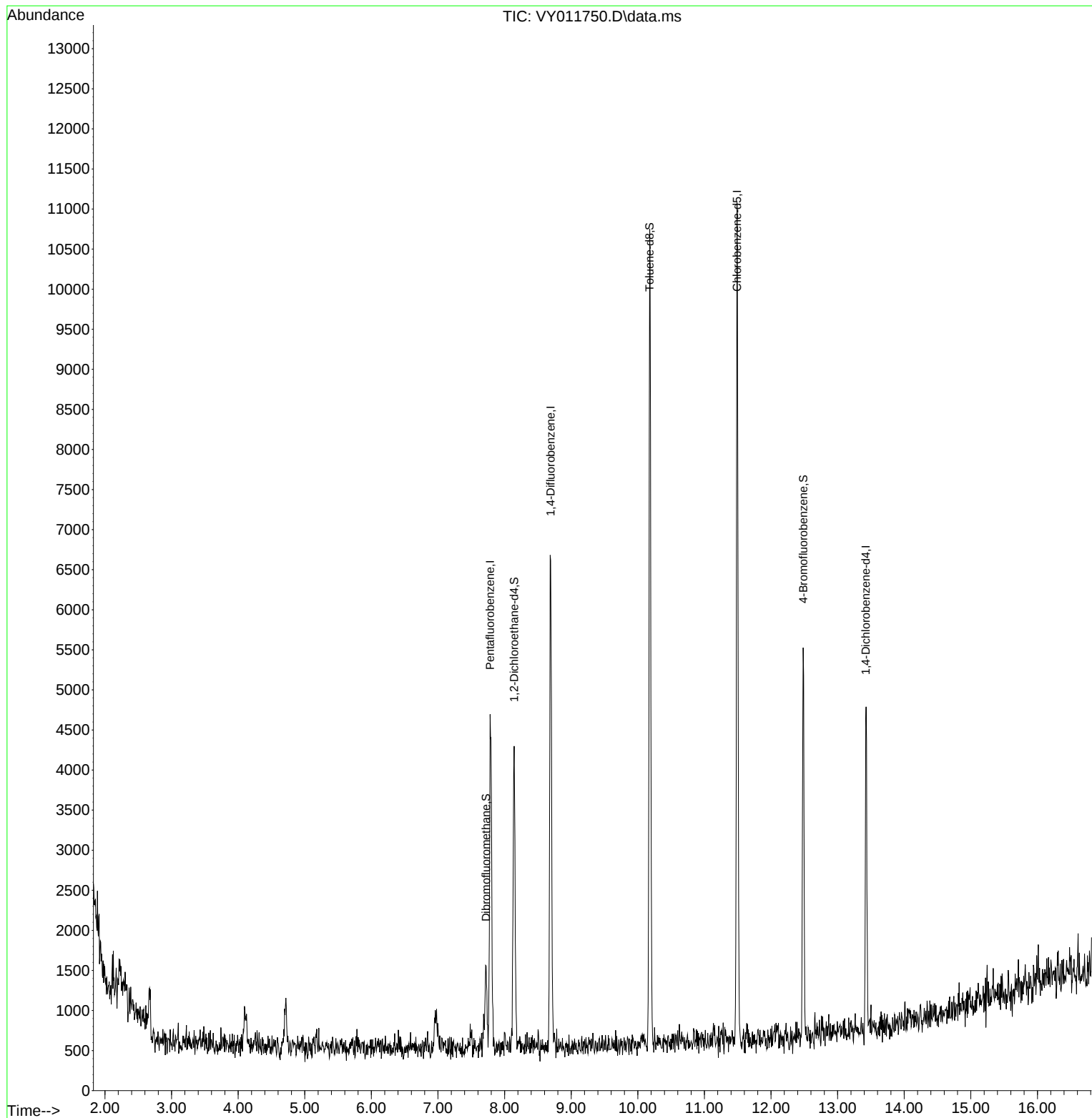
Target Compounds	Qvalue

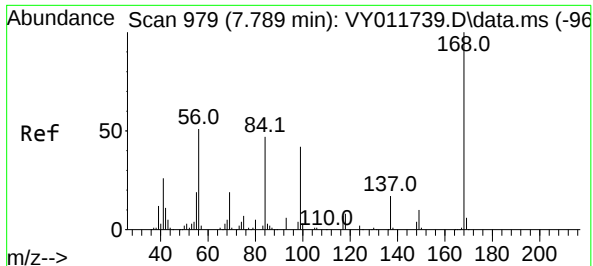
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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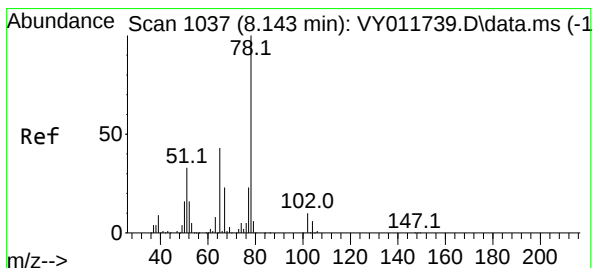
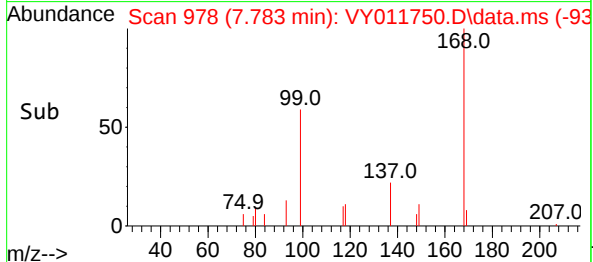
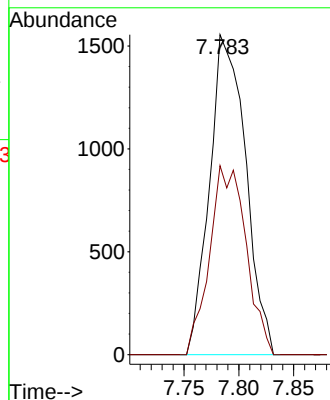
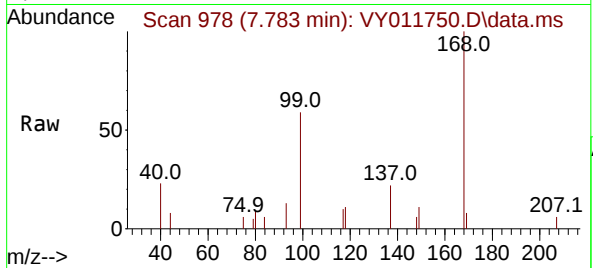




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011750.D
Acq: 09 Dec 2022 18:03

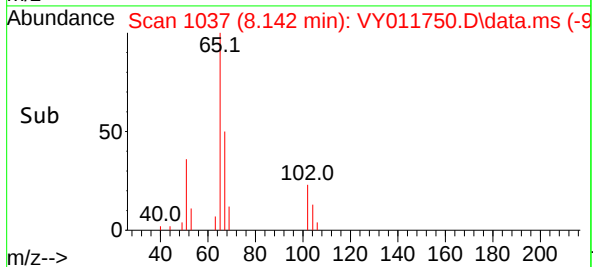
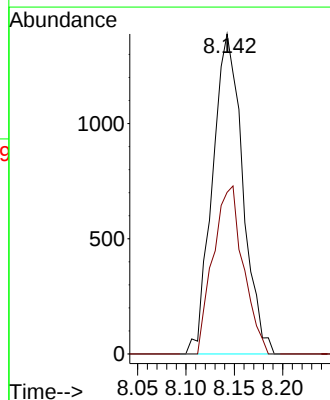
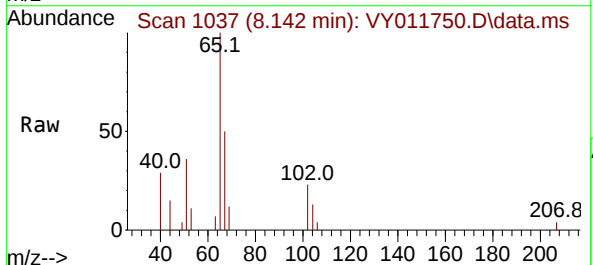
Instrument :
MSVOA_Y
ClientSampleId :
RM-301

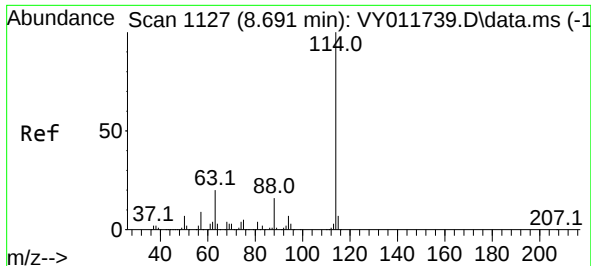
Tgt Ion:168 Resp: 3556
Ion Ratio Lower Upper
168 100
99 59.0 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 132.532 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011750.D
Acq: 09 Dec 2022 18:03

Tgt Ion: 65 Resp: 3024
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011750.D

Acq: 09 Dec 2022 18:03

Instrument :

MSVOA_Y

ClientSampleId :

RM-301

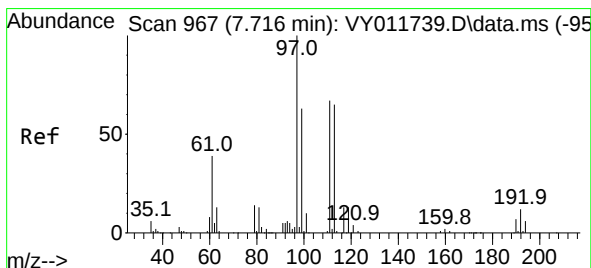
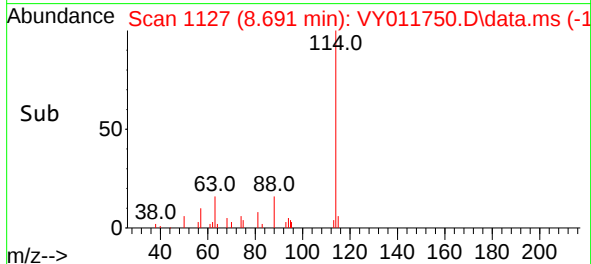
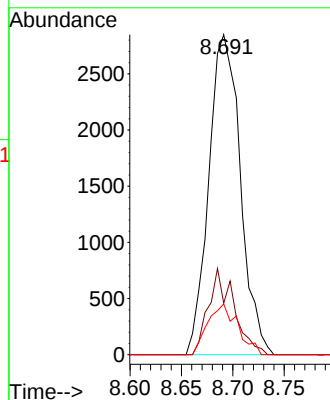
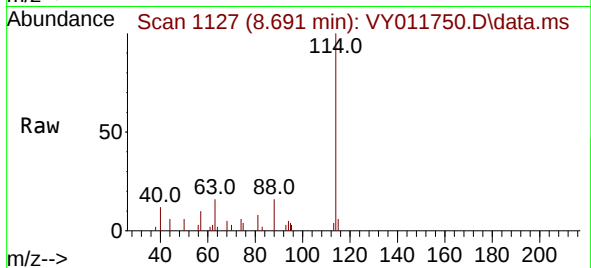
Tgt Ion:114 Resp: 6082

Ion Ratio Lower Upper

114 100

63 16.1 0.0 39.6

88 15.9 0.0 32.2



#35

Dibromofluoromethane

Concen: 33.062 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY011750.D

Acq: 09 Dec 2022 18:03

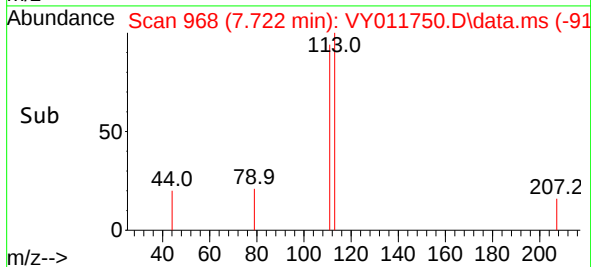
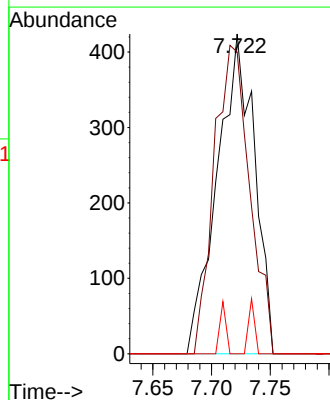
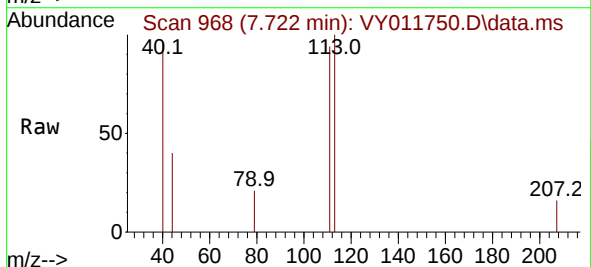
Tgt Ion:113 Resp: 929

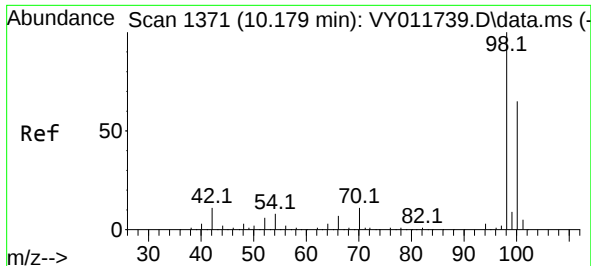
Ion Ratio Lower Upper

113 100

111 92.6 83.0 124.4

192 2.7 16.0 24.0#

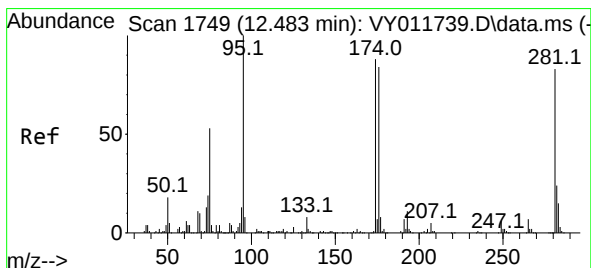
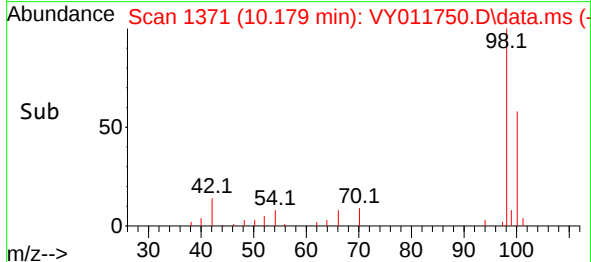
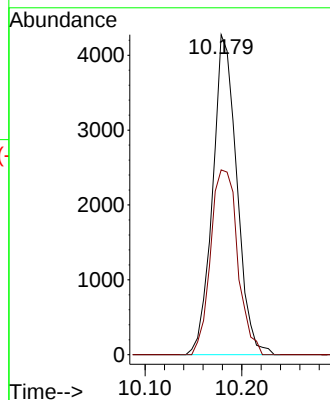
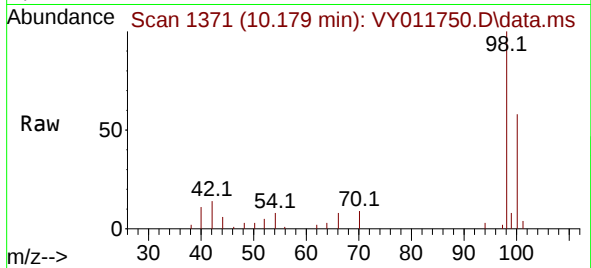




#50
Toluene-d8
Concen: 88.790 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011750.D
Acq: 09 Dec 2022 18:03

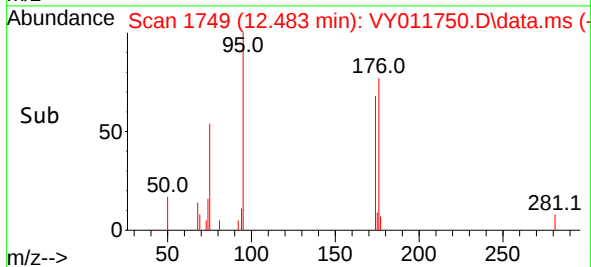
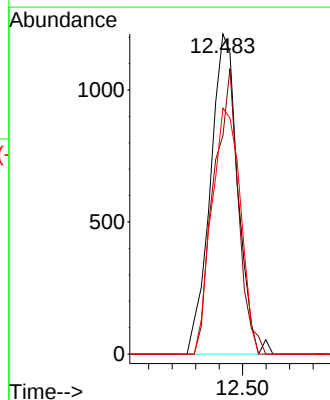
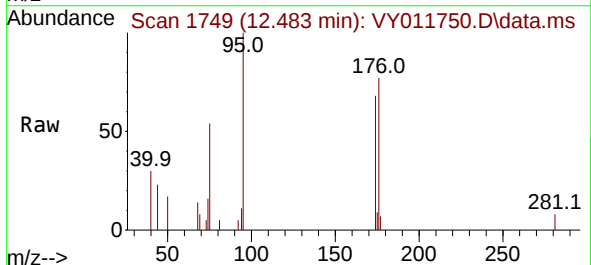
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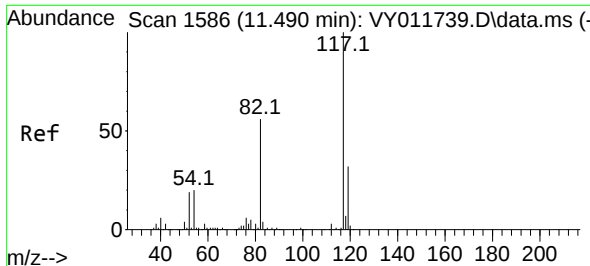
Tgt Ion: 98 Resp: 7410
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 56.395 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011750.D
Acq: 09 Dec 2022 18:03

Tgt Ion: 95 Resp: 1968
Ion Ratio Lower Upper
95 100
174 79.7 0.0 172.0
176 80.2 0.0 167.6

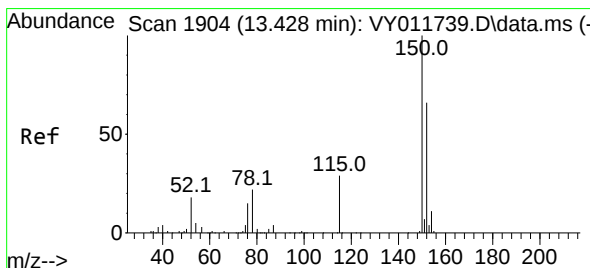
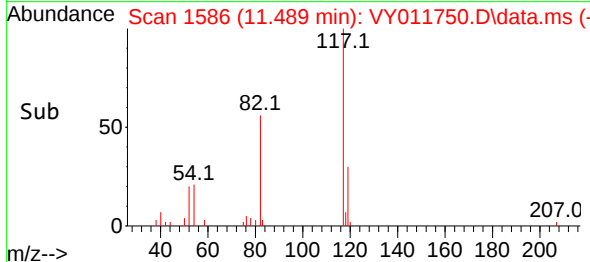
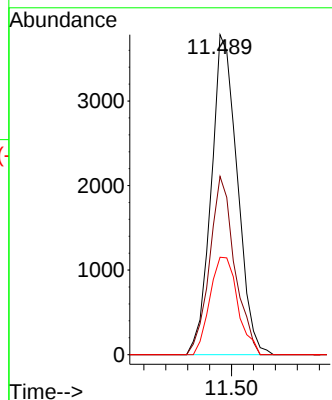
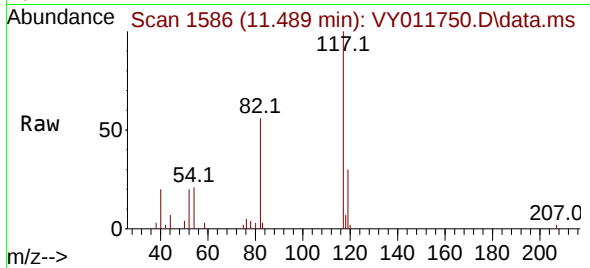




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY011750.D
Acq: 09 Dec 2022 18:03

Instrument :
MSVOA_Y
ClientSampleId :
RM-301

Tgt Ion:117 Resp: 6241
Ion Ratio Lower Upper
117 100
82 55.7 44.8 67.2
119 30.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY011750.D
Acq: 09 Dec 2022 18:03

Tgt Ion:152 Resp: 1334
Ion Ratio Lower Upper
152 100
115 55.1 29.1 87.3
150 167.8 0.0 342.6

