

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
 Data File : VY015272.D
 Acq On : 23 Aug 2023 02:36
 Operator : SY/MD
 Sample : 04110-14
 Misc : 3.14g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-21(3-4)

Quant Time: Aug 23 05:00:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	2190	50.000	ug/l	# 0.02
34) 1,4-Difluorobenzene	8.697	114	2764	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	789	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.42
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	275	10.461	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	20.920%#
35) Dibromofluoromethane	7.710	113	280	15.746	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	31.500%#
50) Toluene-d8	10.185	98	2259	34.127	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	68.260%
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	30 - 143	Recovery	=	0.000%#

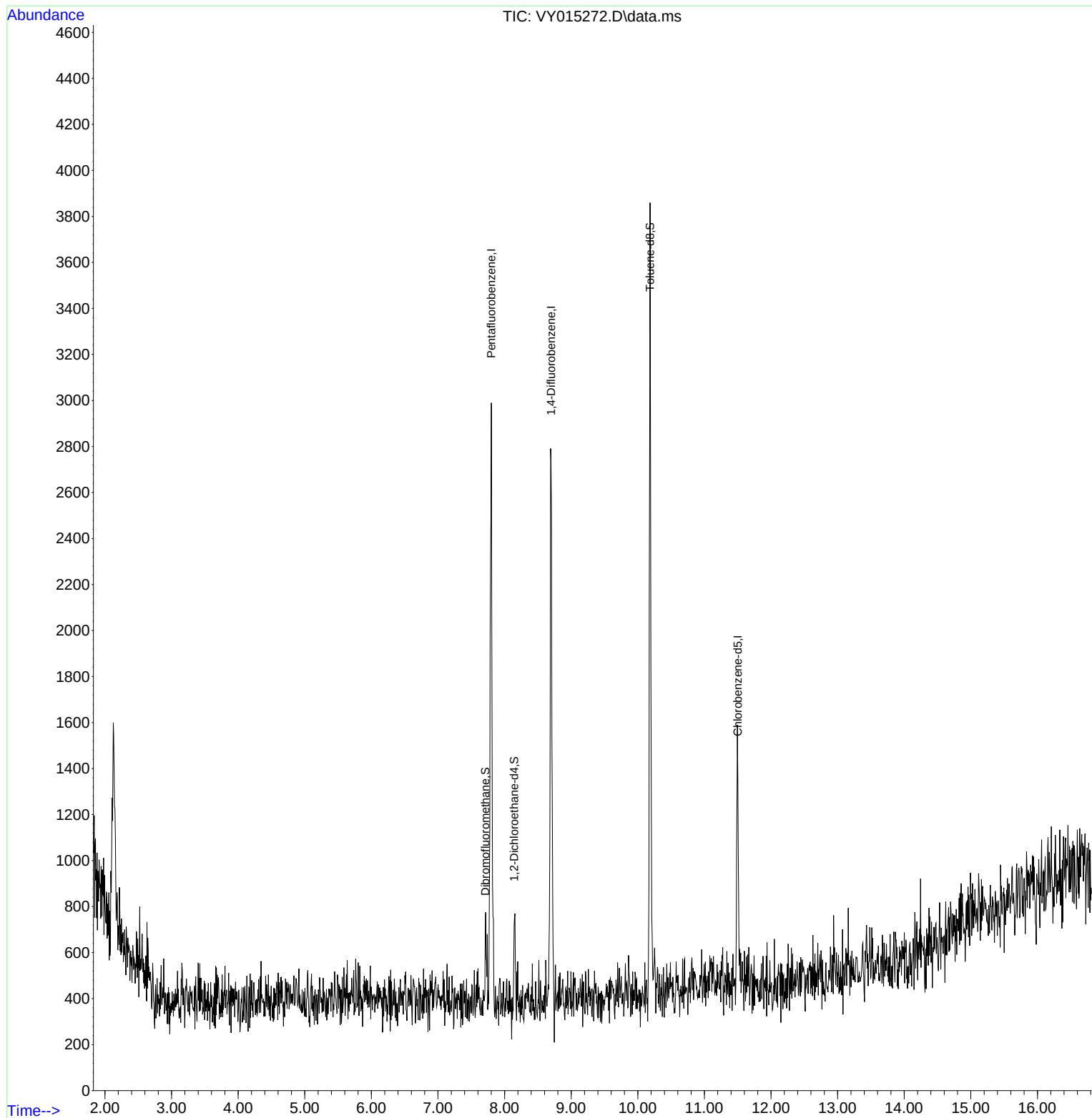
Target Compounds	Qvalue

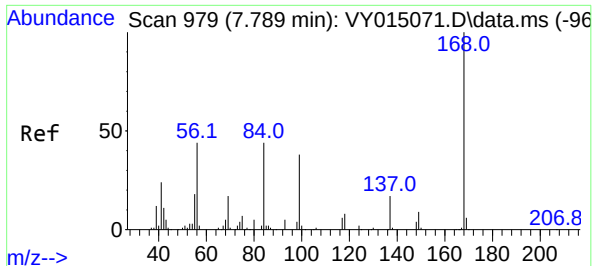
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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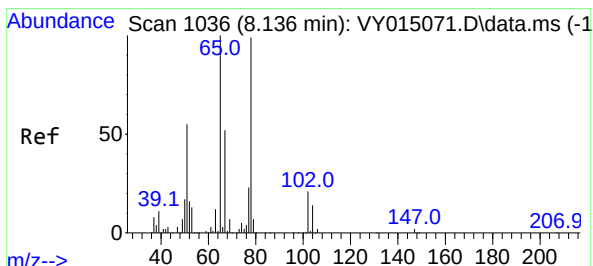
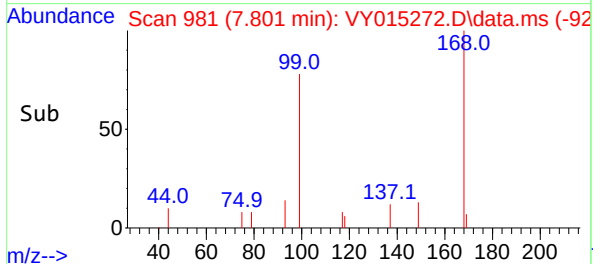
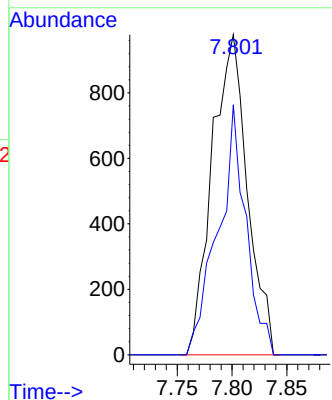
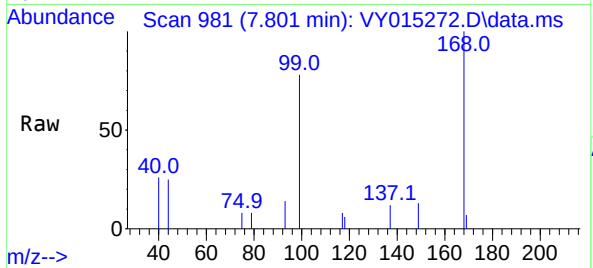




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY015272.D
Acq: 23 Aug 2023 02:36

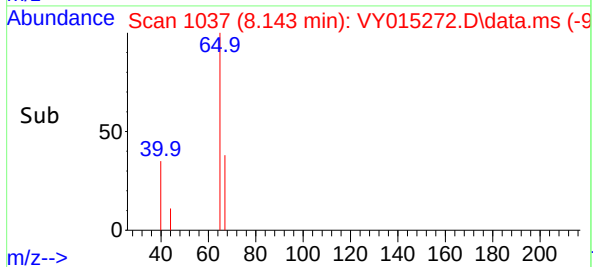
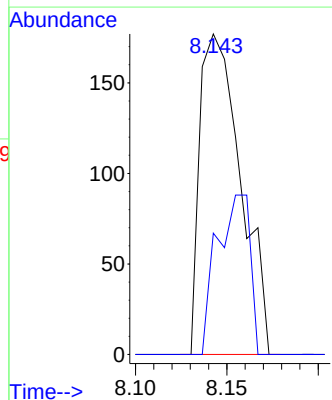
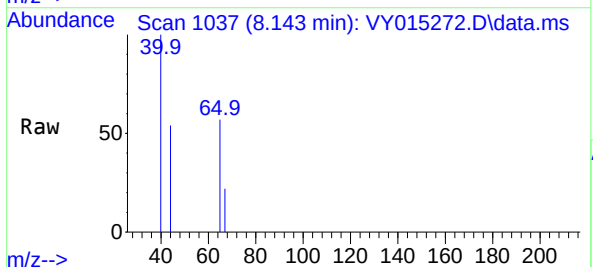
Instrument :
MSVOA_Y
ClientSampleId :
TP-21(3-4)

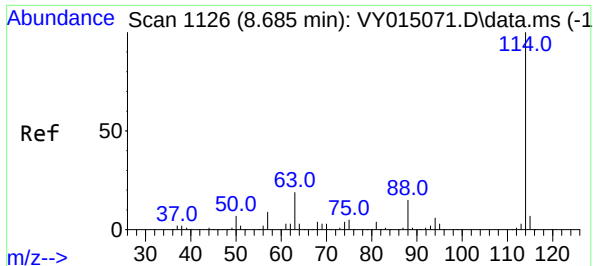
Tgt Ion:168 Resp: 2190
Ion Ratio Lower Upper
168 100
99 78.1 43.4 65.0#



#33
1,2-Dichloroethane-d4
Concen: 10.461 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015272.D
Acq: 23 Aug 2023 02:36

Tgt Ion: 65 Resp: 275
Ion Ratio Lower Upper
65 100
67 40.0 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1126

Delta R.T. 0.012 min

Lab File: VY015272.D

Acq: 23 Aug 2023 02:36

Instrument :

MSVOA_Y

ClientSampleId :

TP-21(3-4)

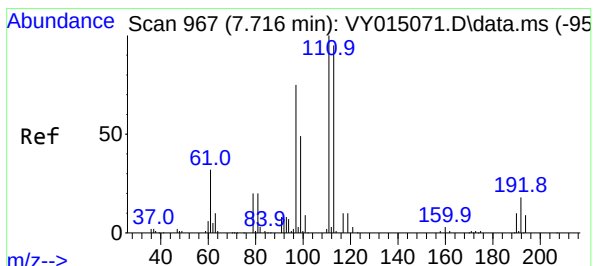
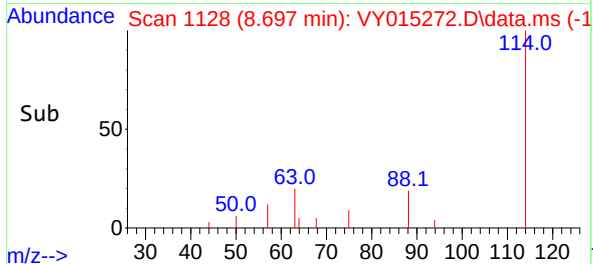
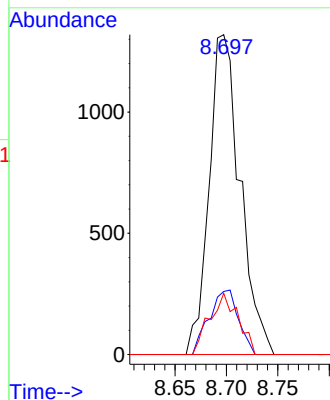
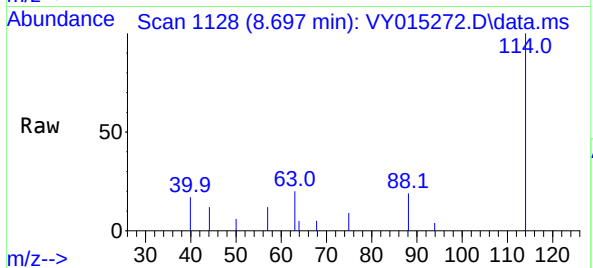
Tgt Ion:114 Resp: 2764

Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.4

88 19.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 15.746 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY015272.D

Acq: 23 Aug 2023 02:36

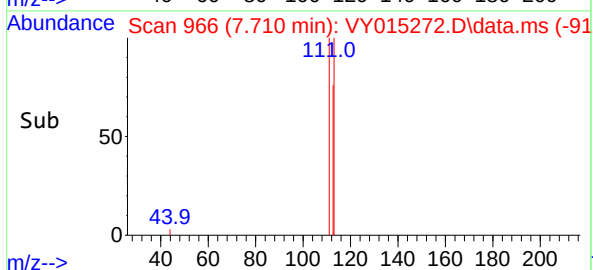
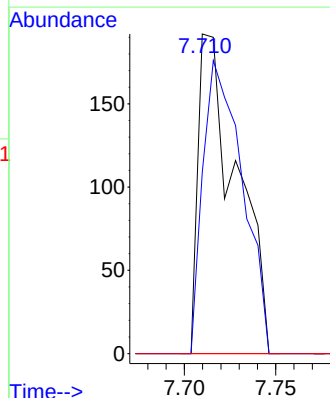
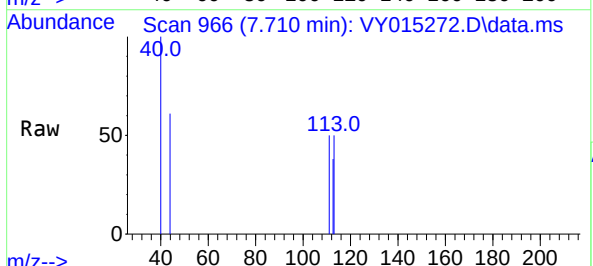
Tgt Ion:113 Resp: 280

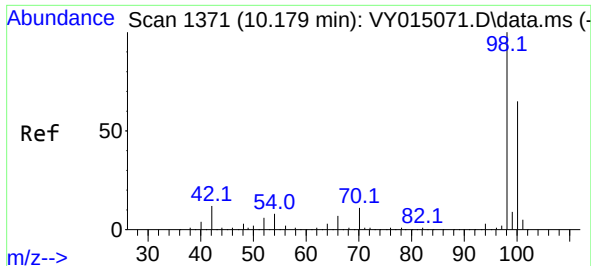
Ion Ratio Lower Upper

113 100

111 94.3 81.3 121.9

192 0.0 16.9 25.3#

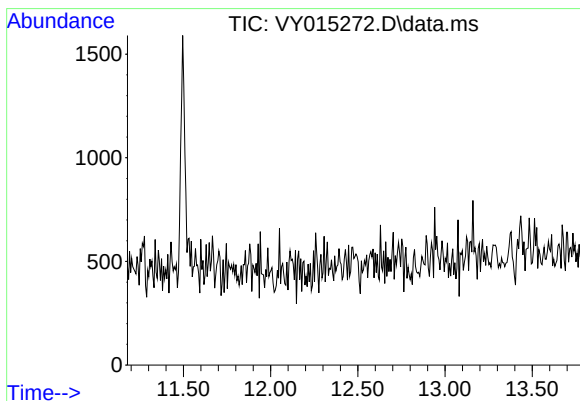
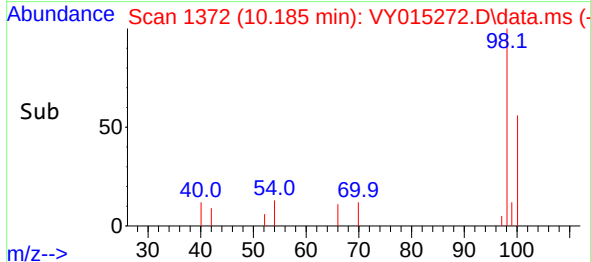
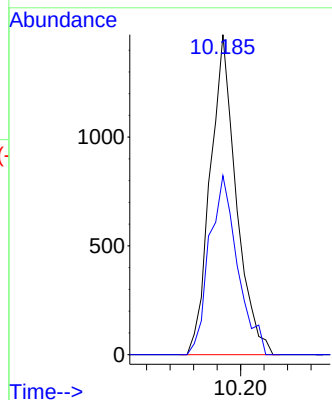
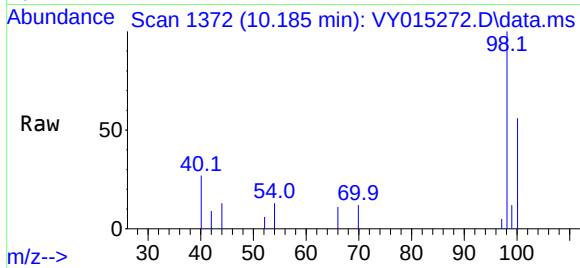




#50
Toluene-d8
Concen: 34.127 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015272.D
Acq: 23 Aug 2023 02:36

Instrument :
MSVOA_Y
ClientSampleId :
TP-21(3-4)

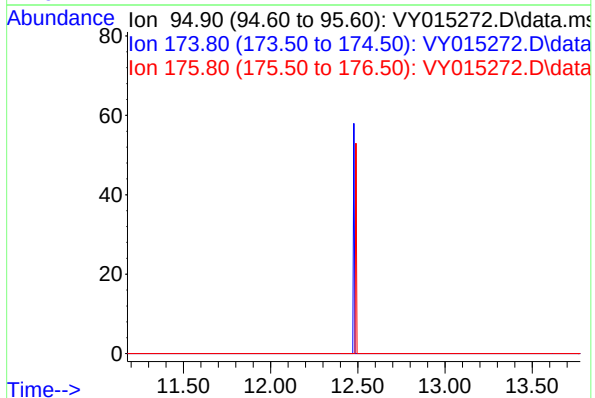
Tgt Ion: 98 Resp: 2259
Ion Ratio Lower Upper
98 100
100 60.7 50.1 75.1

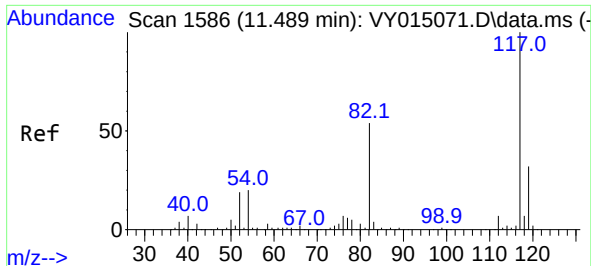


#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.48 min

Lab File: VY015272.D
Acq: 23 Aug 2023 02:36

Tgt Ion: 95
Sig Exp Ratio
95 100
174 89.1
176 86.9

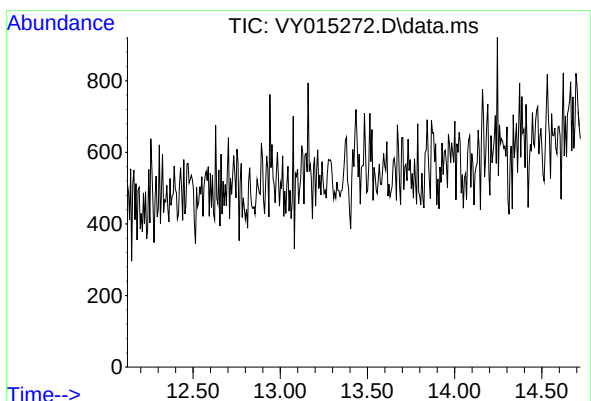
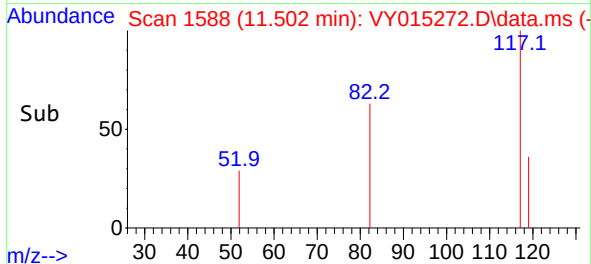
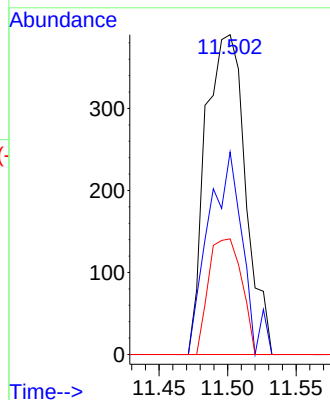
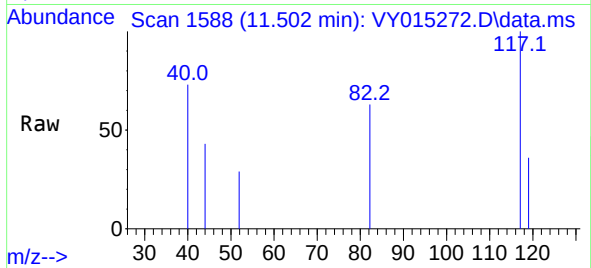




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY015272.D
Acq: 23 Aug 2023 02:36

Instrument :
MSVOA_Y
ClientSampleId :
TP-21(3-4)

Tgt Ion:117 Resp: 789
Ion Ratio Lower Upper
117 100
82 63.3 43.4 65.0
119 36.2 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.42 min

Lab File: VY015272.D
Acq: 23 Aug 2023 02:36

Tgt Ion: 152
Sig Exp Ratio
152 100
115 57.7
150 174.4

