

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121222\
 Data File : VY011765.D
 Acq On : 12 Dec 2022 12:55
 Operator : KP/MD
 Sample : N5943-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RM-301

Quant Time: Dec 12 13:11:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 04:19:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	9598	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	14343	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	12112	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	3669	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	4114	64.172	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.340%
35) Dibromofluoromethane	7.716	113	1792	26.275	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	52.560%#
50) Toluene-d8	10.185	98	9377	44.098	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.200%
62) 4-Bromofluorobenzene	12.483	95	2986	34.491	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	68.980%

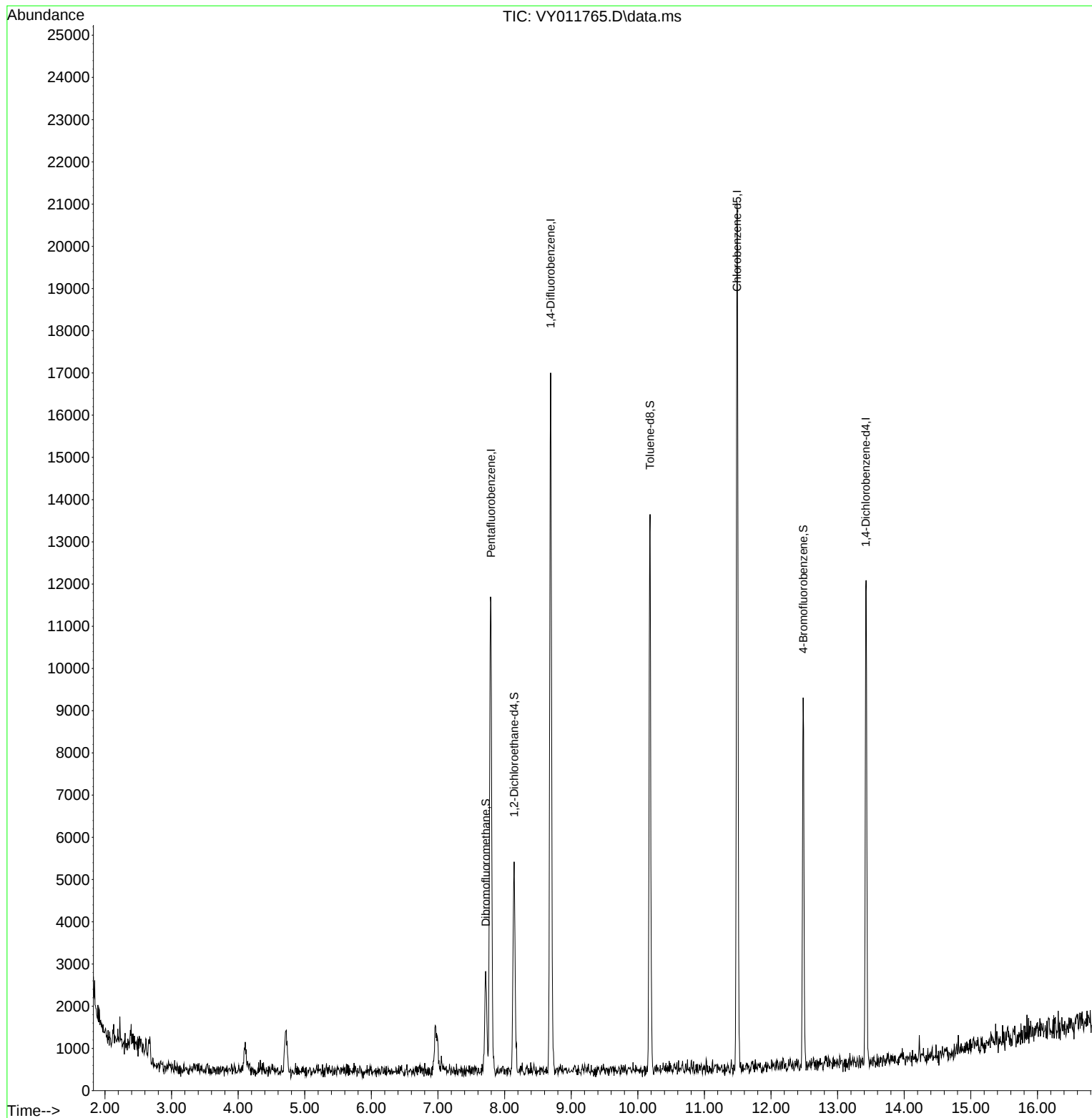
Target Compounds	Qvalue

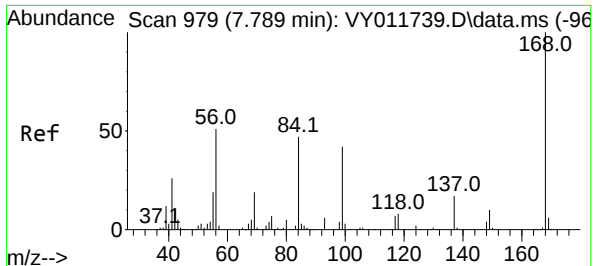
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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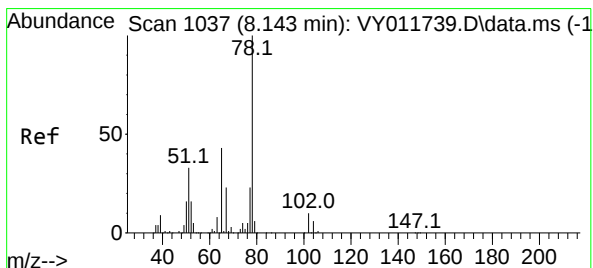
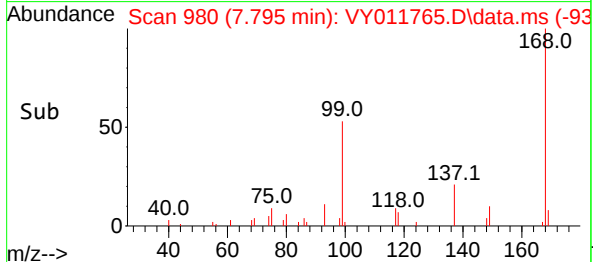
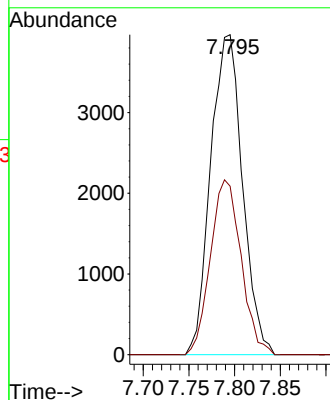
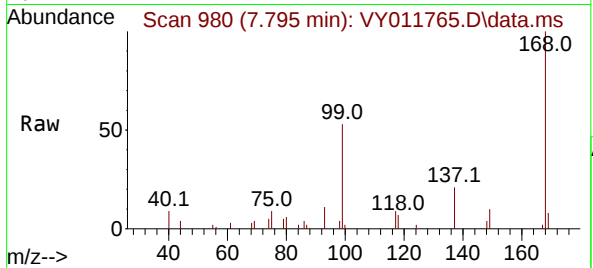




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011765.D
Acq: 12 Dec 2022 12:55

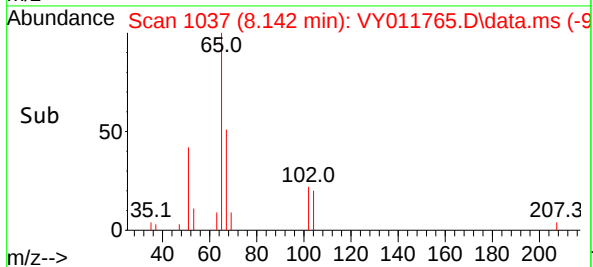
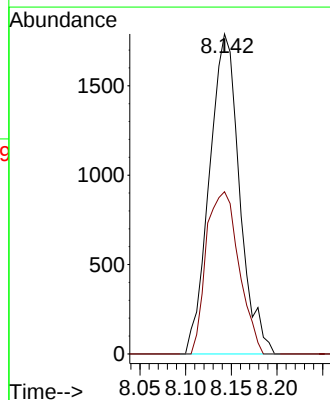
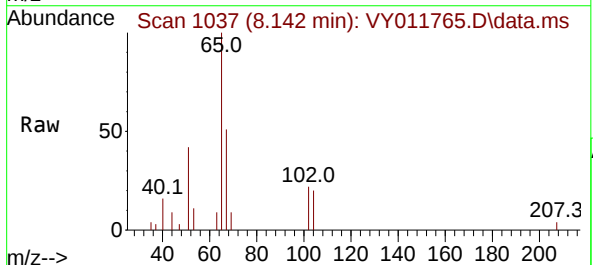
Instrument :
MSVOA_Y
ClientSampleId :
RM-301

Tgt Ion:168 Resp: 9598
Ion Ratio Lower Upper
168 100
99 52.6 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 64.172 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011765.D
Acq: 12 Dec 2022 12:55

Tgt Ion: 65 Resp: 4114
Ion Ratio Lower Upper
65 100
67 54.7 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: VY011765.D

Acq: 12 Dec 2022 12:55

Instrument :

MSVOA_Y

ClientSampleId :

RM-301

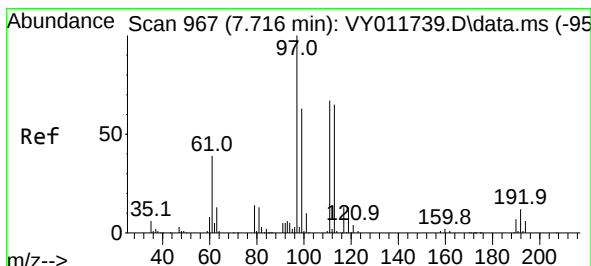
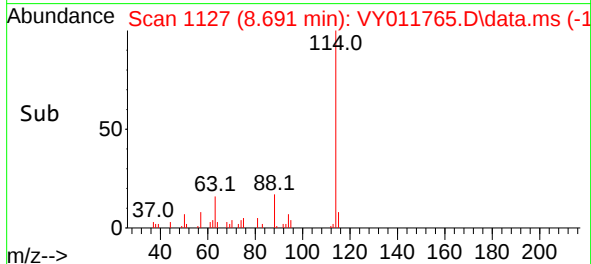
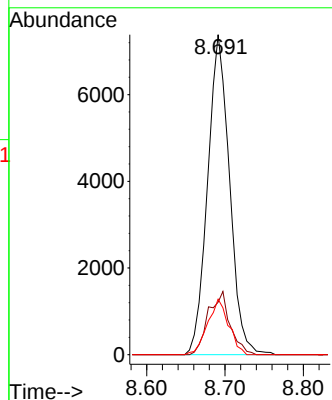
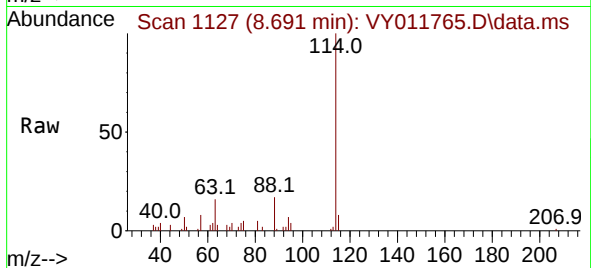
Tgt Ion:114 Resp: 14343

Ion Ratio Lower Upper

114 100

63 16.4 0.0 39.6

88 17.4 0.0 32.2



#35

Dibromofluoromethane

Concen: 26.275 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY011765.D

Acq: 12 Dec 2022 12:55

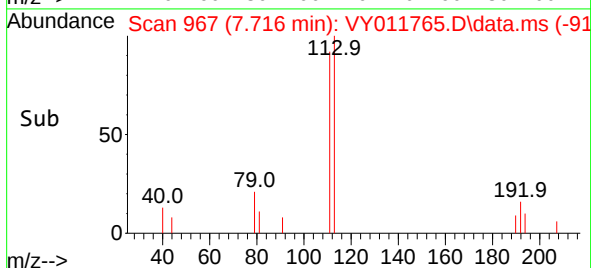
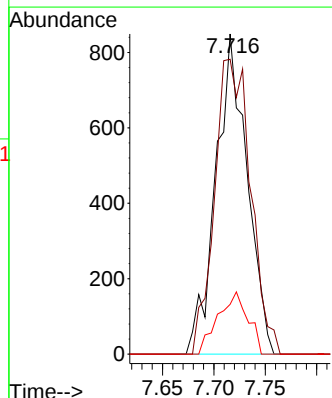
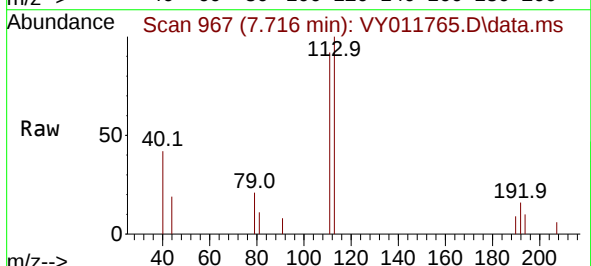
Tgt Ion:113 Resp: 1792

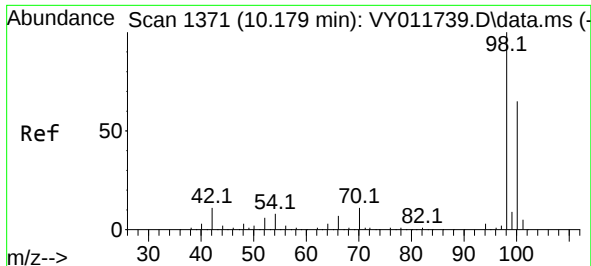
Ion Ratio Lower Upper

113 100

111 106.4 83.0 124.4

192 18.6 16.0 24.0

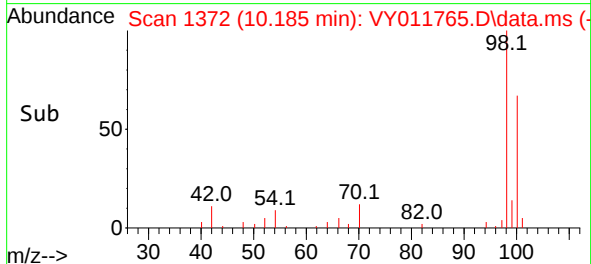
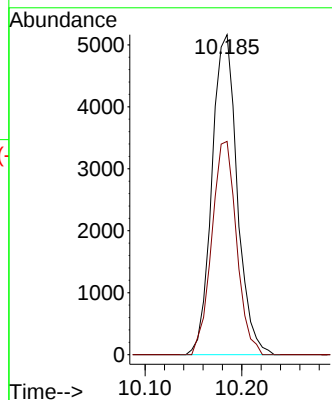
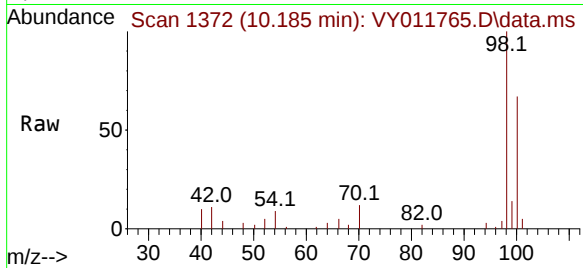




#50
Toluene-d8
Concen: 44.098 ug/l
RT: 10.185 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY011765.D
Acq: 12 Dec 2022 12:55

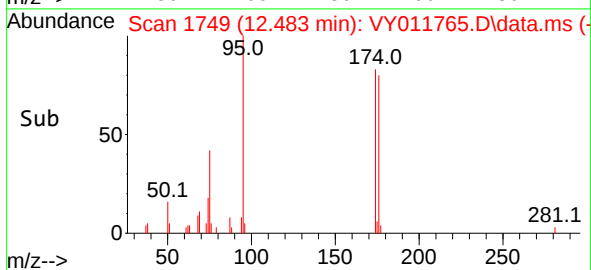
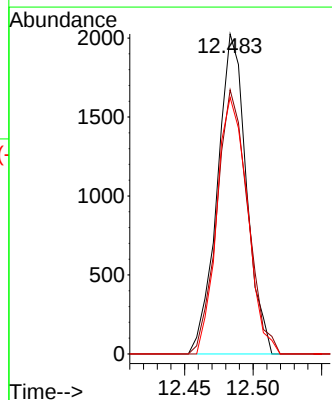
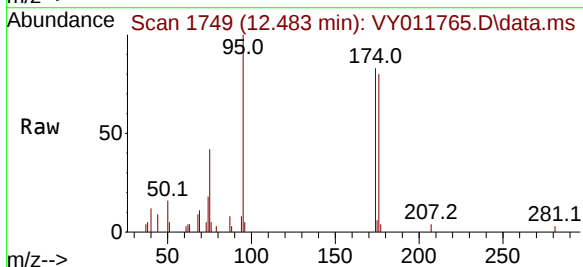
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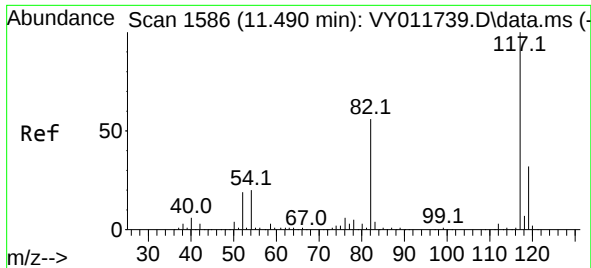
Tgt Ion: 98 Resp: 9377
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 34.491 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011765.D
Acq: 12 Dec 2022 12:55

Tgt Ion: 95 Resp: 2986
Ion Ratio Lower Upper
95 100
174 87.3 0.0 172.0
176 84.2 0.0 167.6

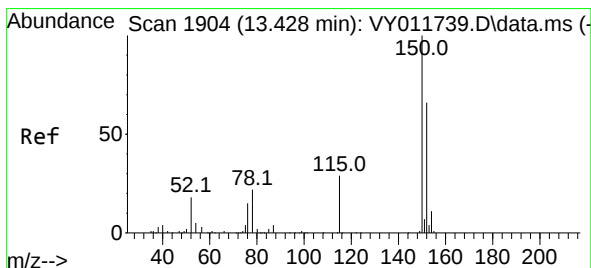
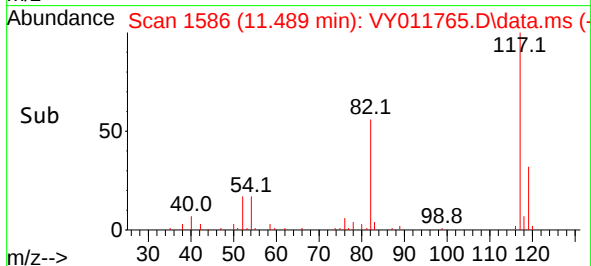
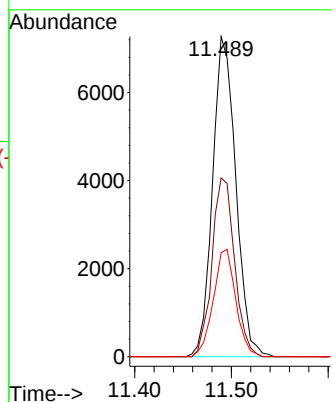
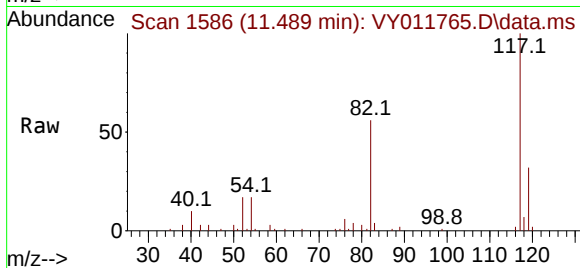




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011765.D
Acq: 12 Dec 2022 12:55

Instrument :
MSVOA_Y
ClientSampleId :
RM-301

Tgt Ion:117	Resp:	12112
Ion	Ratio	Lower Upper
117	100	
82	55.9	44.8 67.2
119	32.5	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: VY011765.D
Acq: 12 Dec 2022 12:55

Tgt Ion:152	Resp:	3669
Ion	Ratio	Lower Upper
152	100	
115	52.1	29.1 87.3
150	150.6	0.0 342.6

