

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101123\
 Data File : VY015927.D
 Acq On : 11 Oct 2023 16:32
 Operator : SY/MD
 Sample : 04830-01
 Misc : 5.14g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT-2327

Quant Time: Oct 12 01:58:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 10 07:06:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	19839	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	30260	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	25494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	9959	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	10808	60.545	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.100%
35) Dibromofluoromethane	7.716	113	9829	58.234	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.460%
50) Toluene-d8	10.179	98	34735	62.444	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	124.880%
62) 4-Bromofluorobenzene	12.483	95	9471	41.918	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.840%

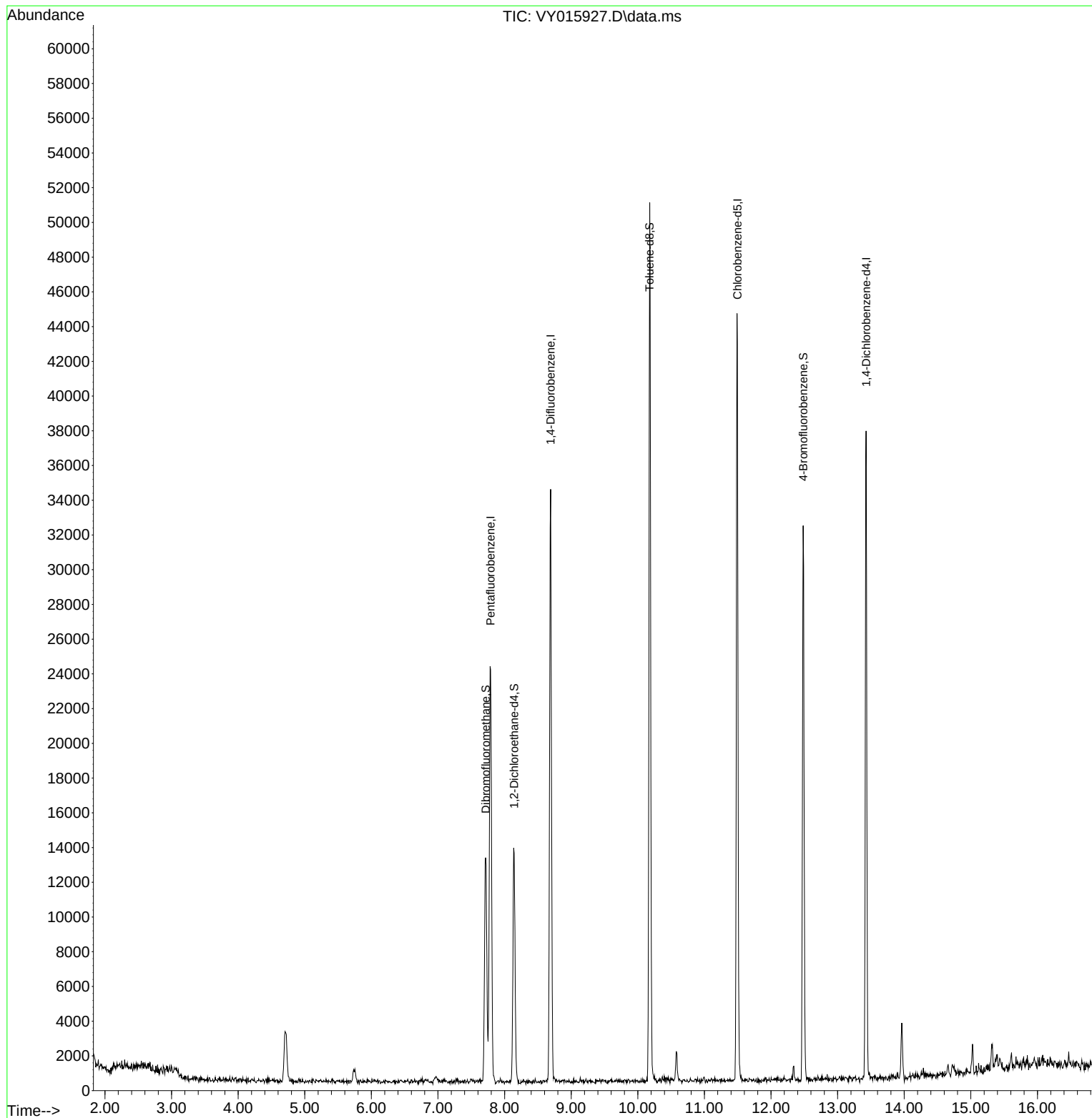
Target Compounds	Qvalue

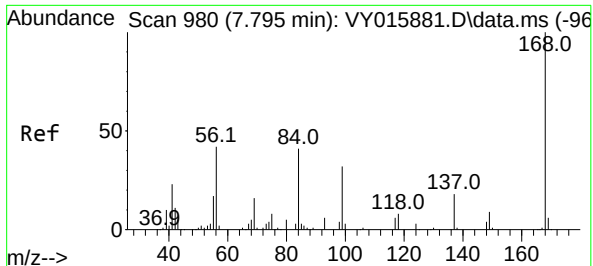
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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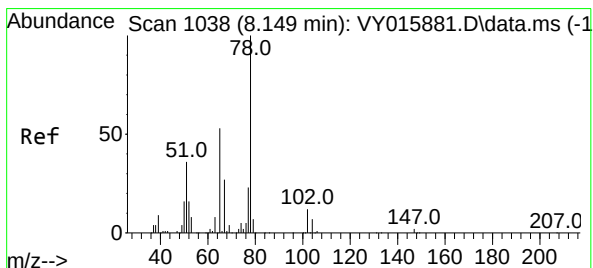
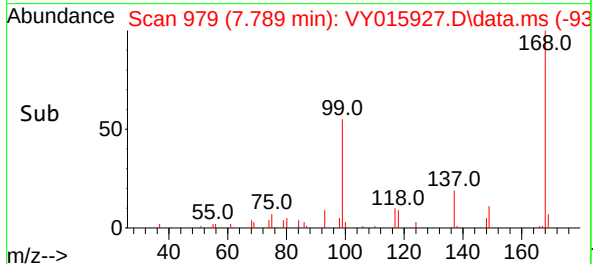
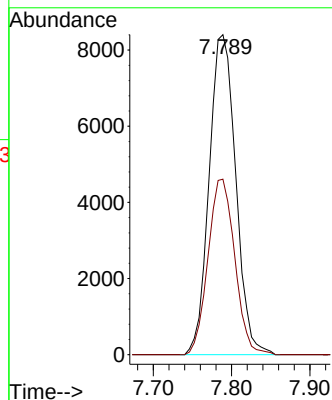
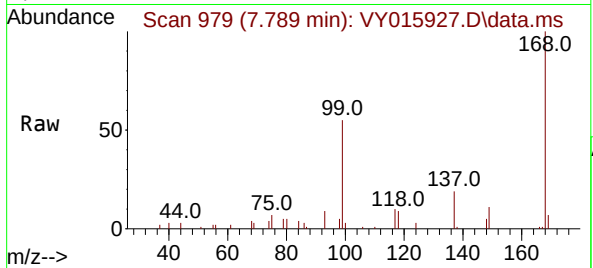




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015927.D
Acq: 11 Oct 2023 16:32

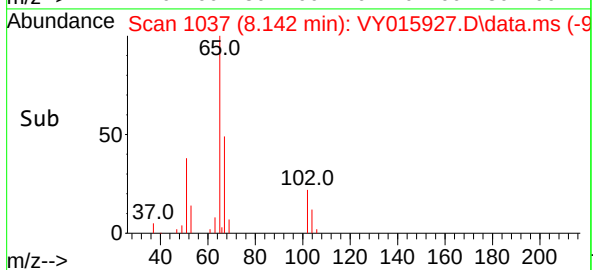
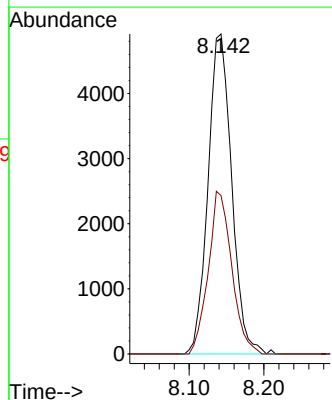
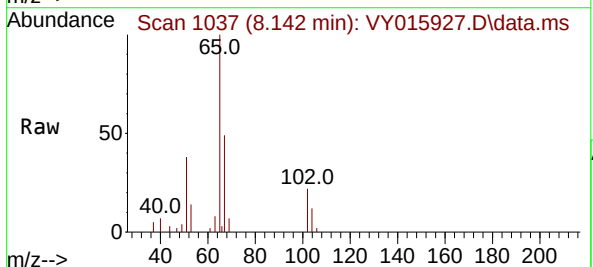
Instrument :
MSVOA_Y
ClientSampleId :
RT-2327

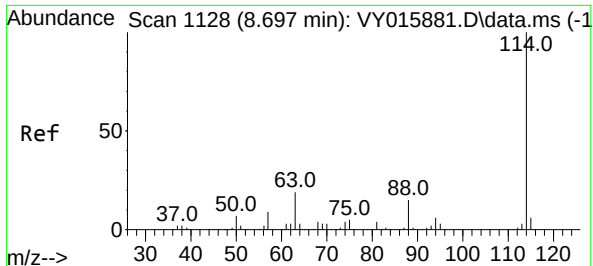
Tgt Ion:168 Resp: 19839
Ion Ratio Lower Upper
168 100
99 54.8 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 60.545 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY015927.D
Acq: 11 Oct 2023 16:32

Tgt Ion: 65 Resp: 10808
Ion Ratio Lower Upper
65 100
67 50.5 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY015927.D

Acq: 11 Oct 2023 16:32

Instrument :

MSVOA_Y

ClientSampleId :

RT-2327

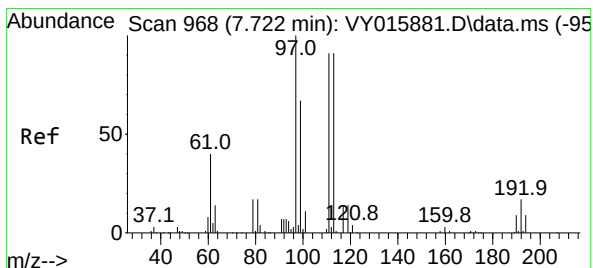
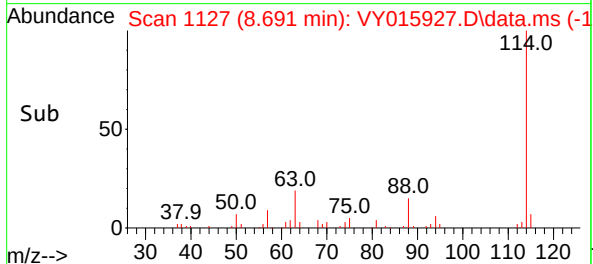
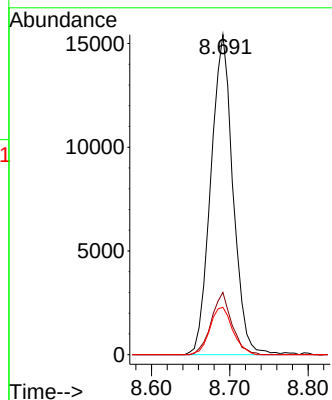
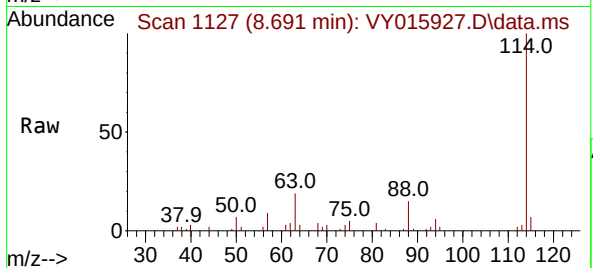
Tgt Ion:114 Resp: 30260

Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.4

88 14.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 58.234 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY015927.D

Acq: 11 Oct 2023 16:32

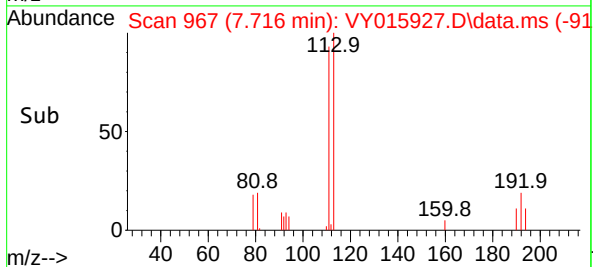
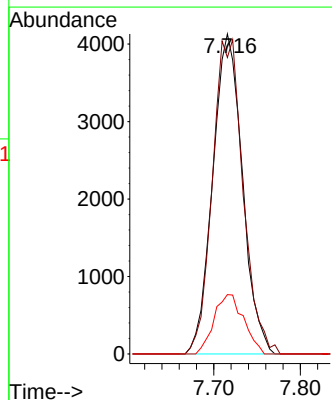
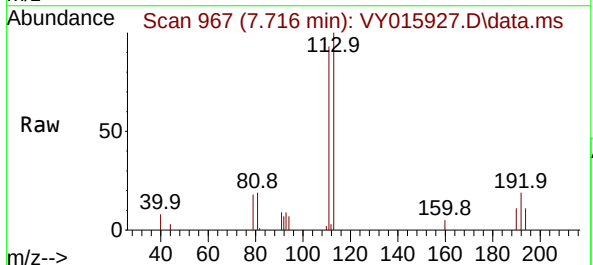
Tgt Ion:113 Resp: 9829

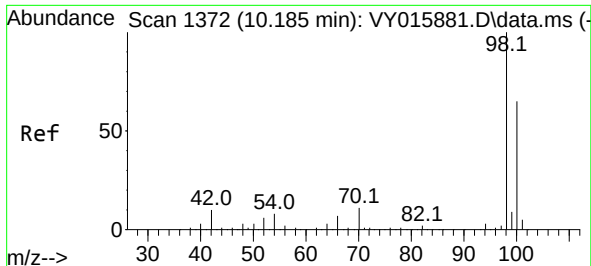
Ion Ratio Lower Upper

113 100

111 101.4 81.3 121.9

192 18.6 16.9 25.3

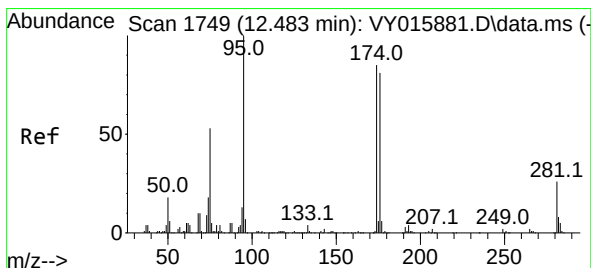
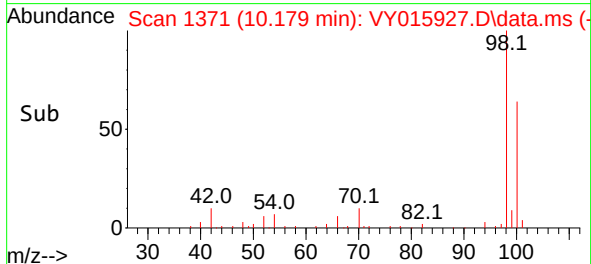
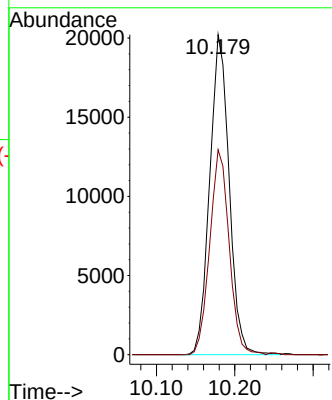
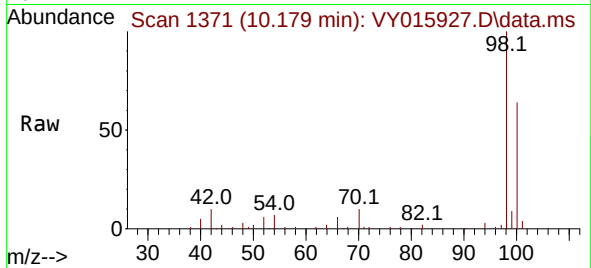




#50
Toluene-d8
Concen: 62.444 ug/l
RT: 10.179 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY015927.D
Acq: 11 Oct 2023 16:32

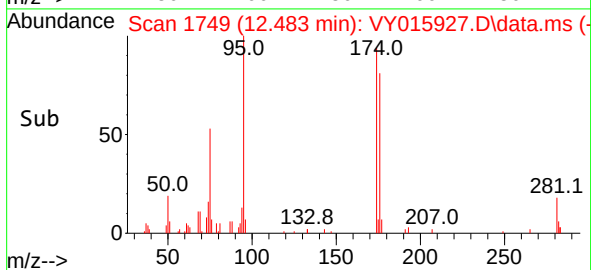
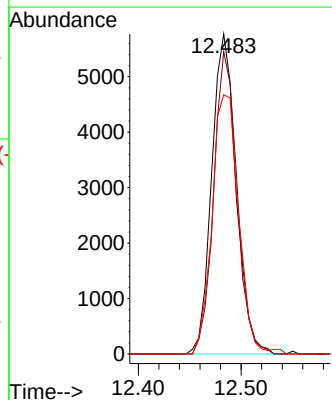
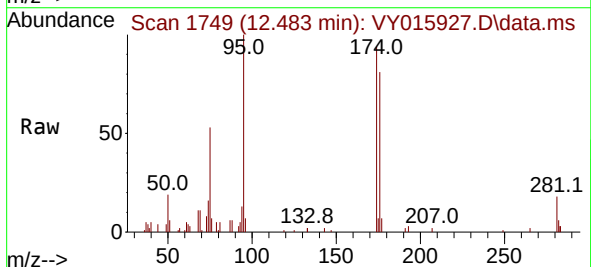
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RT-2327

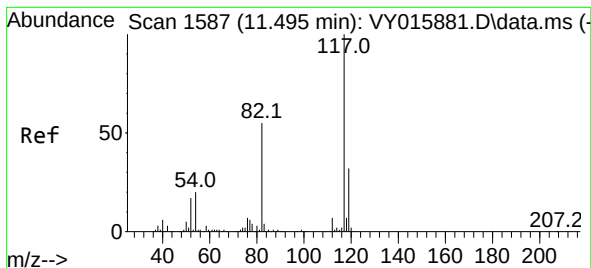
Tgt Ion: 98 Resp: 34735
Ion Ratio Lower Upper
98 100
100 64.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 41.918 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY015927.D
Acq: 11 Oct 2023 16:32

Tgt Ion: 95 Resp: 9471
Ion Ratio Lower Upper
95 100
174 90.7 0.0 178.2
176 88.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015927.D

Acq: 11 Oct 2023 16:32

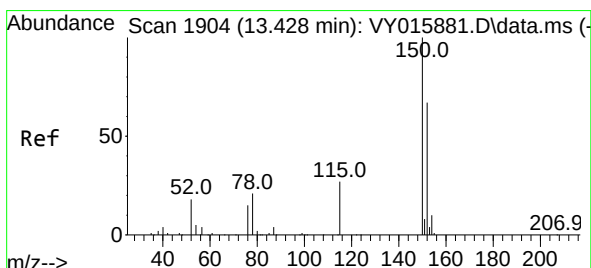
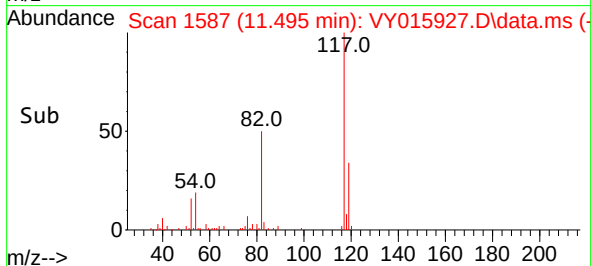
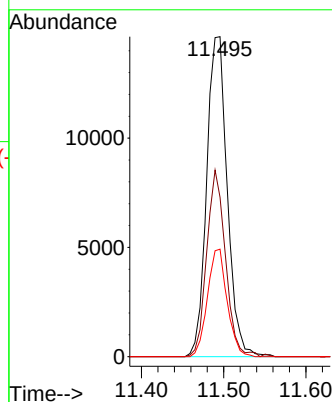
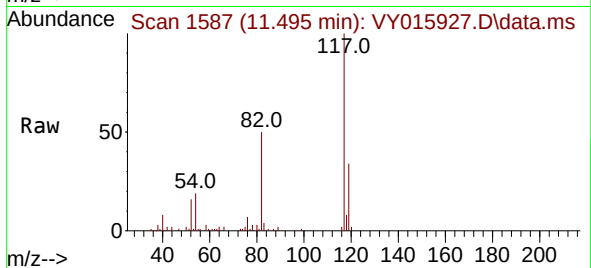
Instrument :

MSVOA_Y

ClientSampleId :

RT-2327

Tgt Ion:117	Resp:	25494
Ion	Ratio	Lower Upper
117	100	
82	49.8	43.4 65.0
119	33.6	26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY015927.D

Acq: 11 Oct 2023 16:32

Tgt Ion:152	Resp:	9959
Ion	Ratio	Lower Upper
152	100	
115	57.0	28.8 86.5
150	154.2	0.0 348.8

