

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061923\
 Data File : VY014261.D
 Acq On : 20 Jun 2023 05:26
 Operator : KP/MD
 Sample : 03289-23
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-08-4.0-6.0

Quant Time: Jun 20 05:49:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	810	50.000	ug/l	# 0.02
34) 1,4-Difluorobenzene	8.703	114	1620	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.495	117	1224	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	206	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	903	80.058	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	160.120%
35) Dibromofluoromethane	7.722	113	234	20.368	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	40.740%#
50) Toluene-d8	10.191	98	1808	42.094	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	84.180%
62) 4-Bromofluorobenzene	12.495	95	372	24.381	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	48.760%

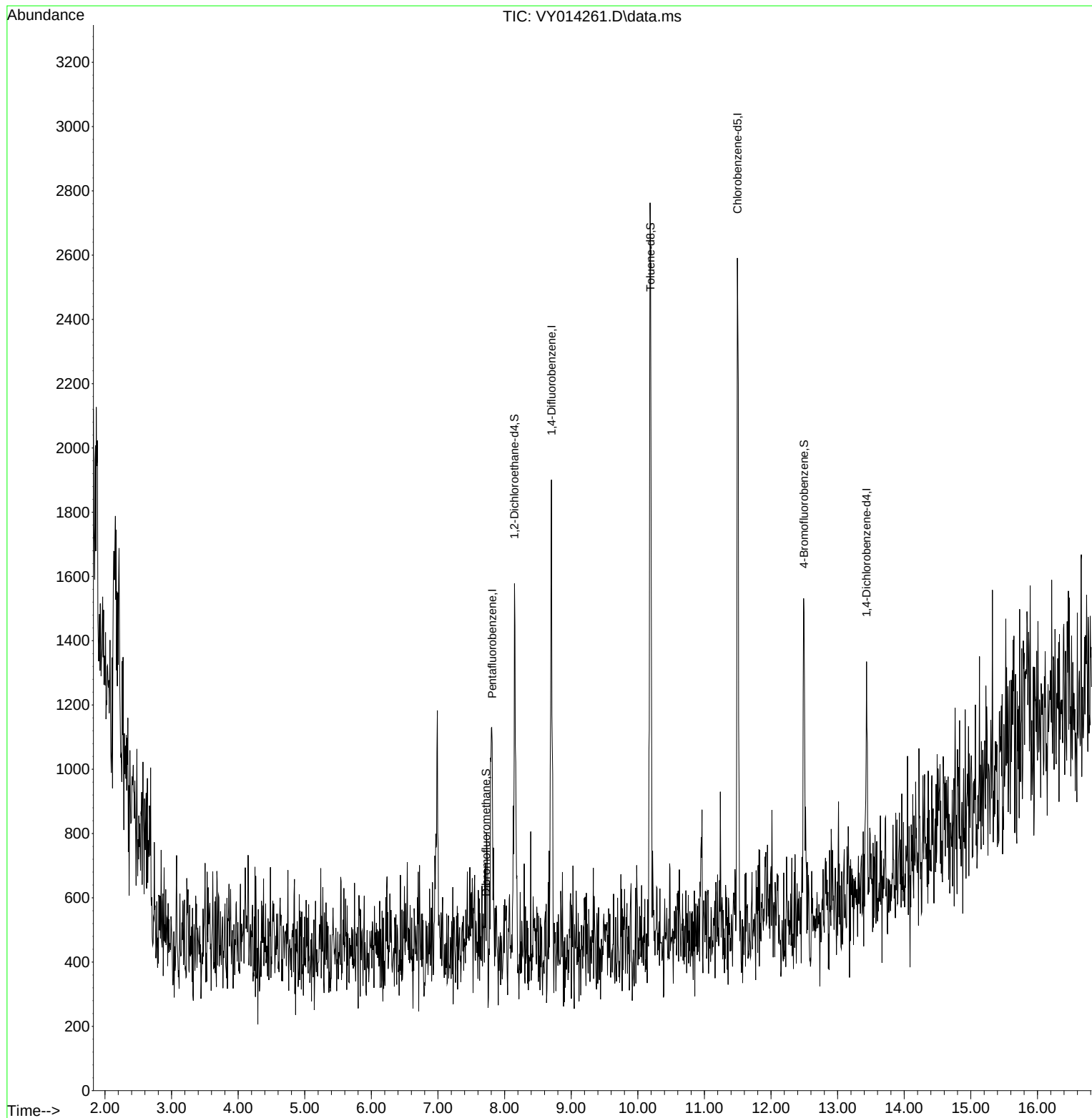
Target Compounds	Qvalue

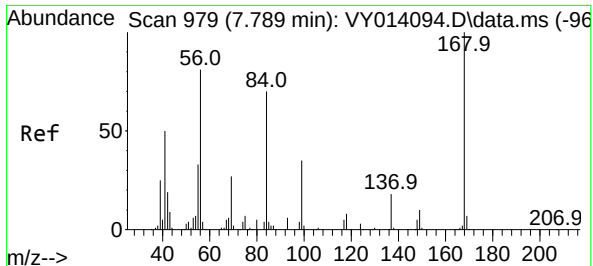
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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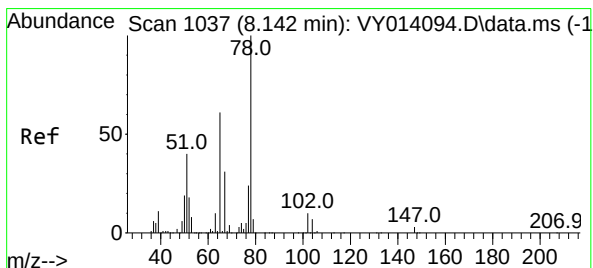
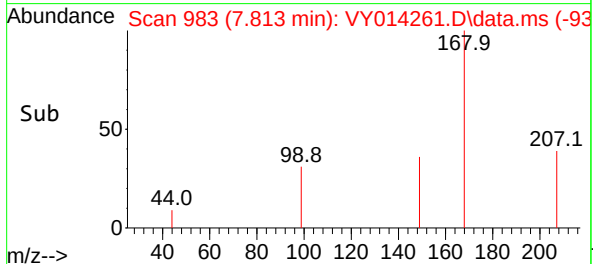
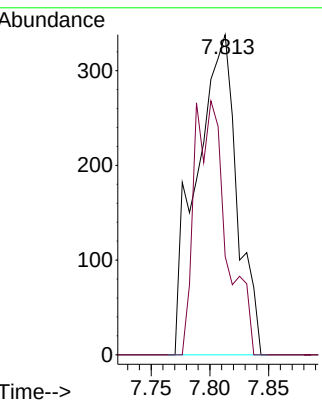
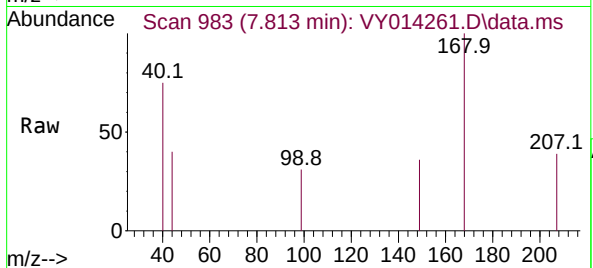




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.024 min
Lab File: VY014261.D
Acq: 20 Jun 2023 05:26

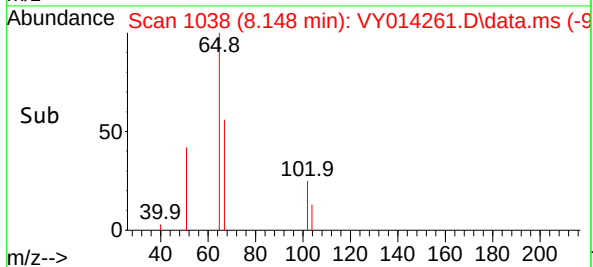
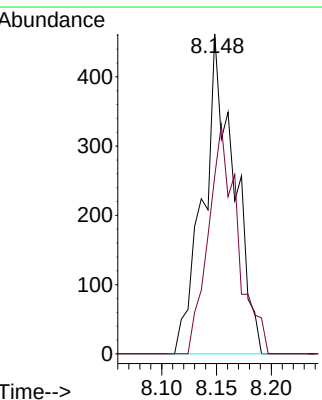
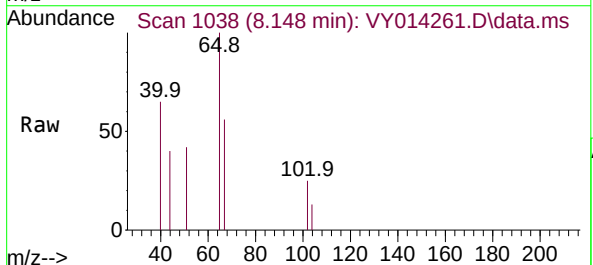
Instrument :
MSVOA_Y
ClientSampleId :
SB-08-4.0-6.0

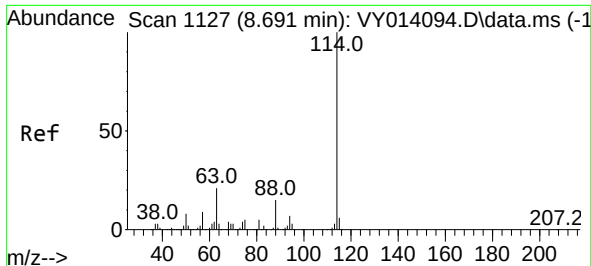
Tgt Ion:168 Resp: 810
Ion Ratio Lower Upper
168 100
99 30.8 43.4 65.0#



#33
1,2-Dichloroethane-d4
Concen: 80.058 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY014261.D
Acq: 20 Jun 2023 05:26

Tgt Ion: 65 Resp: 903
Ion Ratio Lower Upper
65 100
67 67.9 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.012 min

Lab File: VY014261.D

Acq: 20 Jun 2023 05:26

Instrument :

MSVOA_Y

ClientSampleId :

SB-08-4.0-6.0

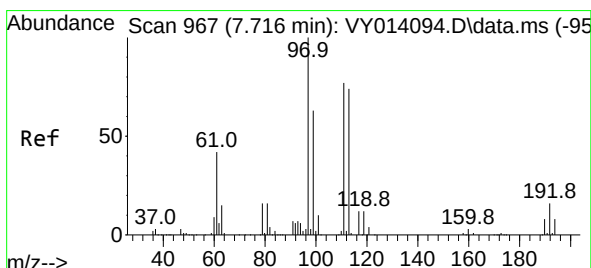
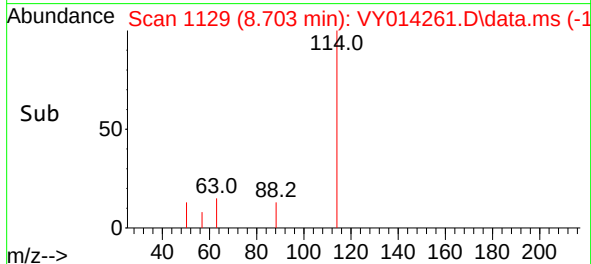
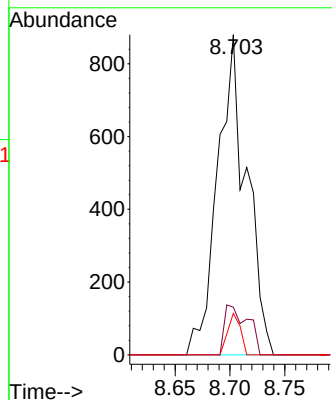
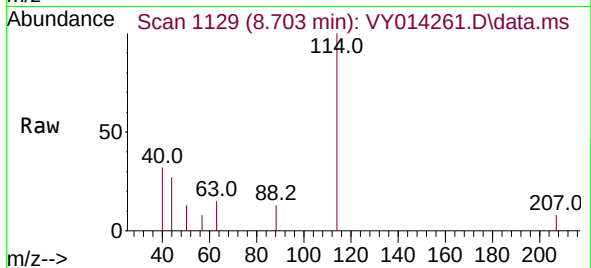
Tgt Ion:114 Resp: 1620

Ion Ratio Lower Upper

114 100

63 14.9 0.0 42.4

88 13.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 20.368 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY014261.D

Acq: 20 Jun 2023 05:26

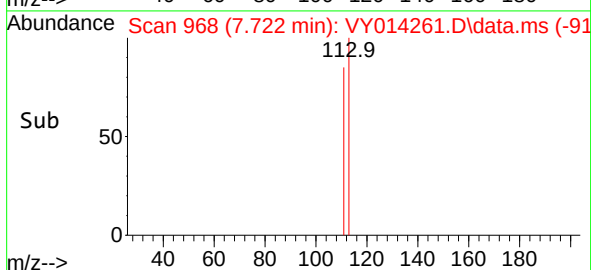
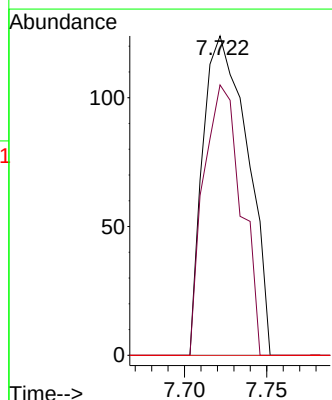
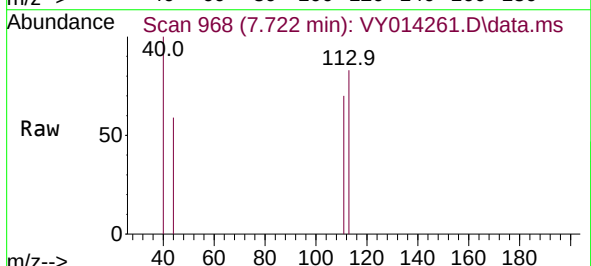
Tgt Ion:113 Resp: 234

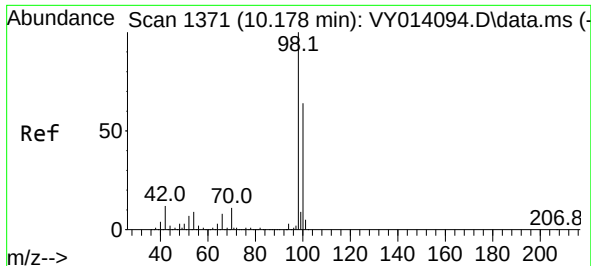
Ion Ratio Lower Upper

113 100

111 71.4 81.3 121.9#

192 0.0 16.9 25.3#

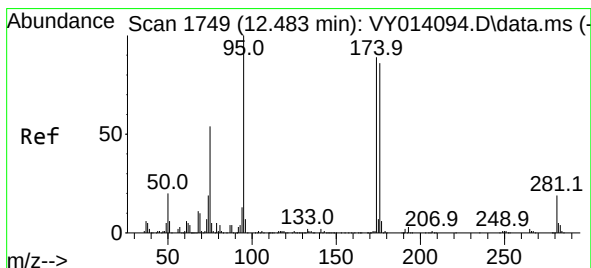
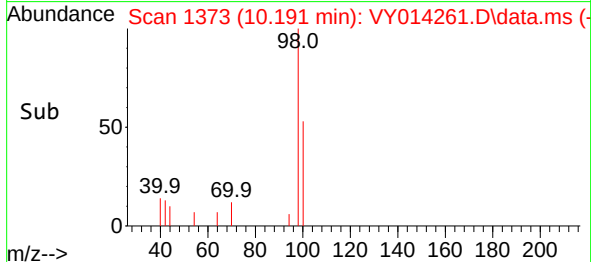
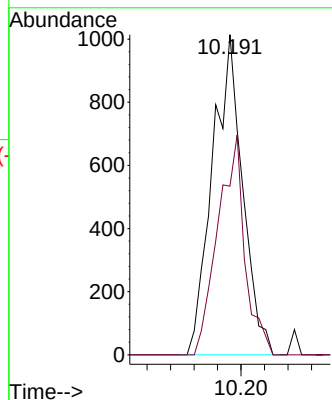
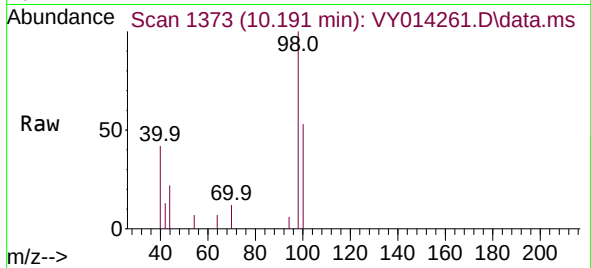




#50
Toluene-d8
Concen: 42.094 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY014261.D
Acq: 20 Jun 2023 05:26

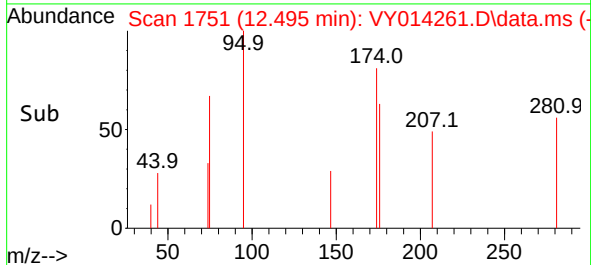
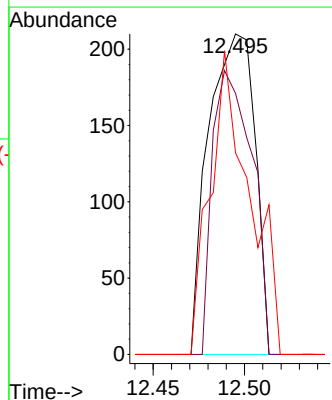
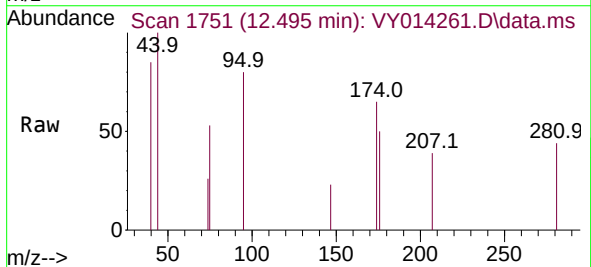
Instrument :
MSVOA_Y
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SB-08-4.0-6.0

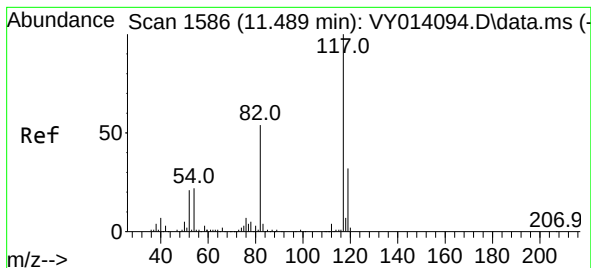
Tgt Ion: 98 Resp: 1808
Ion Ratio Lower Upper
98 100
100 61.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 24.381 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.012 min
Lab File: VY014261.D
Acq: 20 Jun 2023 05:26

Tgt Ion: 95 Resp: 372
Ion Ratio Lower Upper
95 100
174 75.3 0.0 178.2
176 80.1 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014261.D

Acq: 20 Jun 2023 05:26

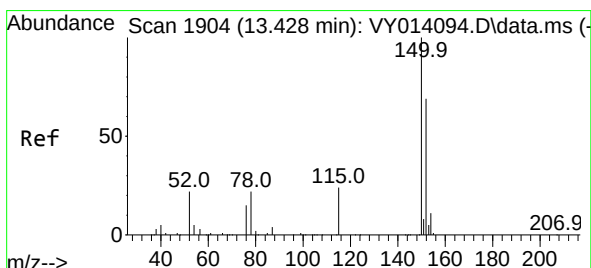
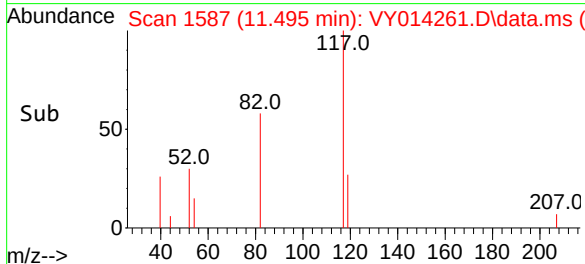
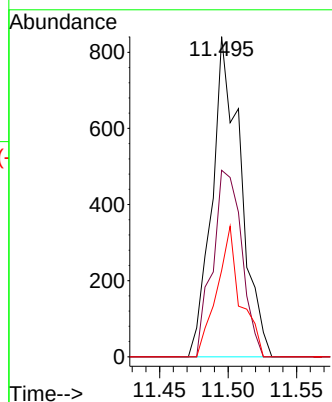
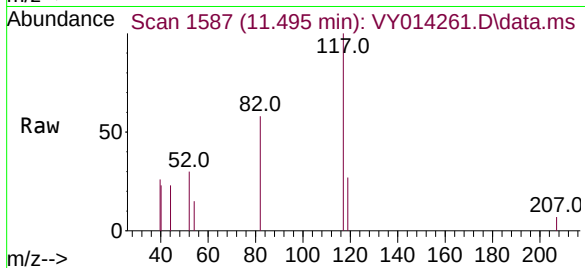
Instrument :

MSVOA_Y

ClientSampleId :

SB-08-4.0-6.0

Tgt Ion:117	Resp:	1224
Ion	Ratio	Lower Upper
117	100	
82	58.3	43.4 65.0
119	27.0	26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY014261.D

Acq: 20 Jun 2023 05:26

Tgt Ion:152	Resp:	206
Ion	Ratio	Lower Upper
152	100	
115	63.1	28.8 86.5
150	259.7	0.0 348.8

