

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061223\
 Data File : VY014123.D
 Acq On : 12 Jun 2023 16:19
 Operator : KP/MD
 Sample : 03117-01
 Misc : 5.36g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-26OA

Quant Time: Jun 13 05:43:35 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	7.783	168	148670	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	257252	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	270303	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	134800	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	105513	50.966	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.940%	
35) Dibromofluoromethane	7.710	113	87396	47.905	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.800%	
50) Toluene-d8	10.173	98	318453	46.690	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 93.380%	
62) 4-Bromofluorobenzene	12.477	95	117892	48.658	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.320%	

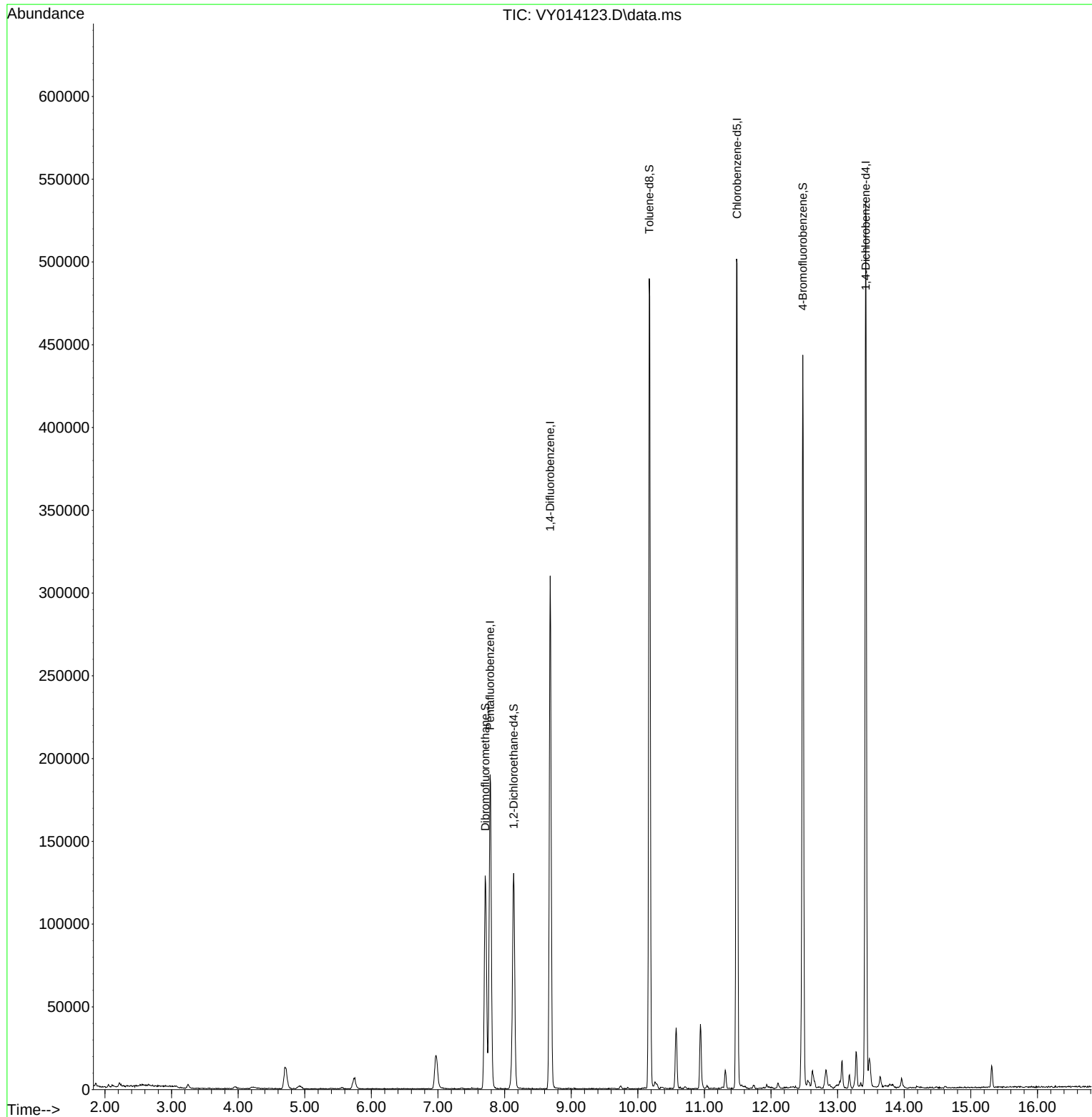
Target Compounds	Qvalue

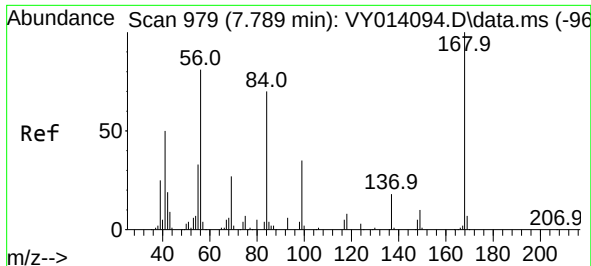
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-260A

Quant Time: Jun 13 05:43:35 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

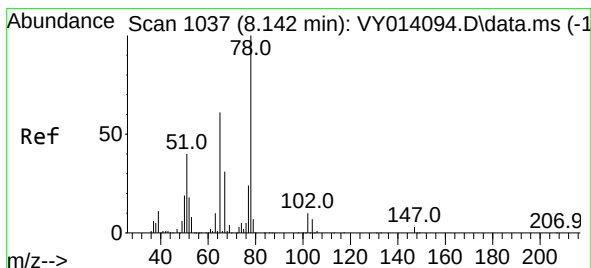
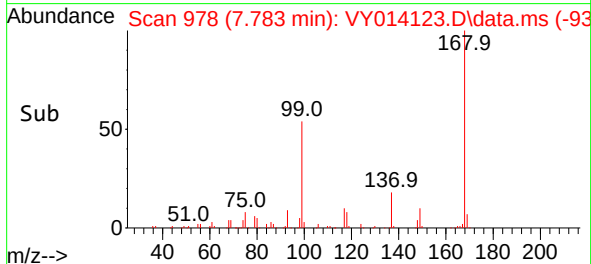
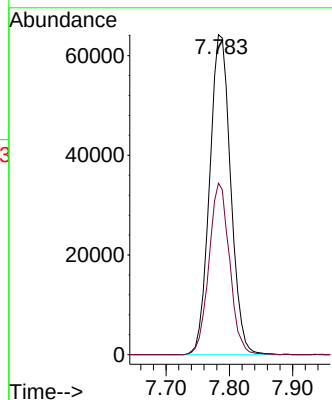
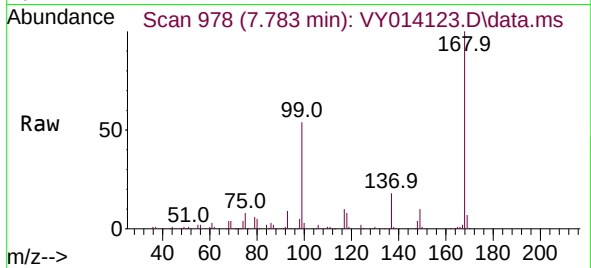




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014123.D
Acq: 12 Jun 2023 16:19

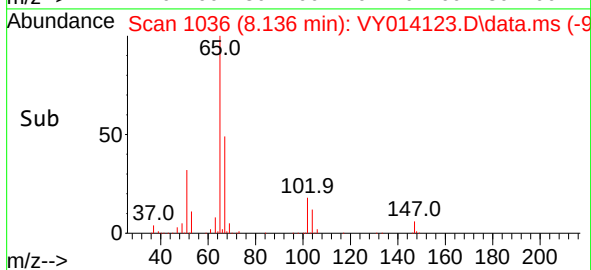
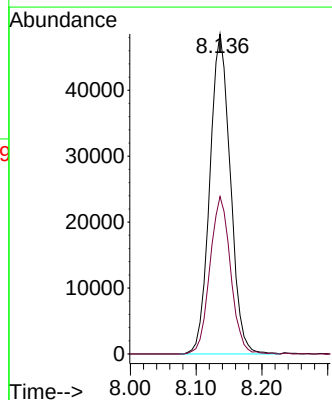
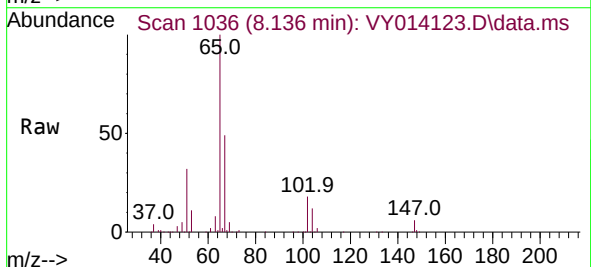
Instrument :
MSVOA_Y
ClientSampleId :
TP-26OA

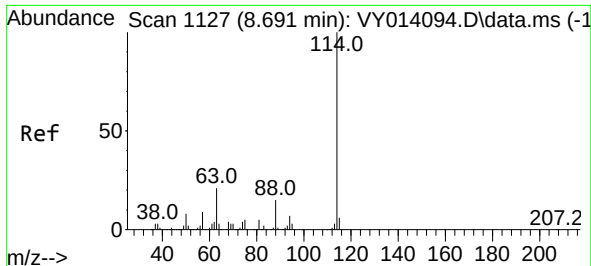
Tgt Ion:168 Resp: 148670
Ion Ratio Lower Upper
168 100
99 53.6 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 50.966 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014123.D
Acq: 12 Jun 2023 16:19

Tgt Ion: 65 Resp: 105513
Ion Ratio Lower Upper
65 100
67 49.5 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY014123.D

Acq: 12 Jun 2023 16:19

Instrument :

MSVOA_Y

ClientSampleId :

TP-26OA

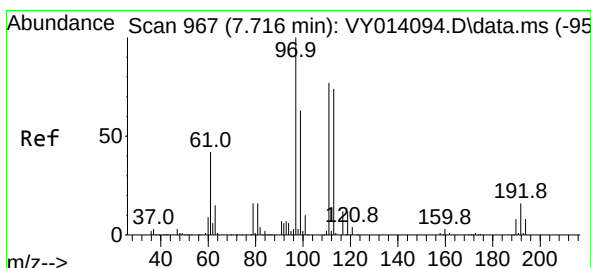
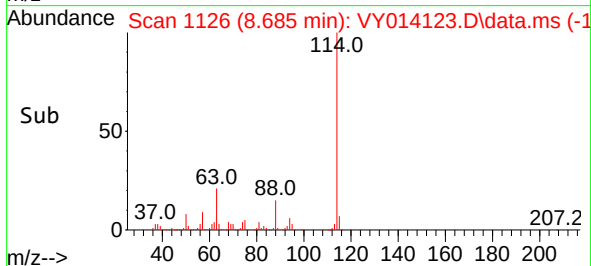
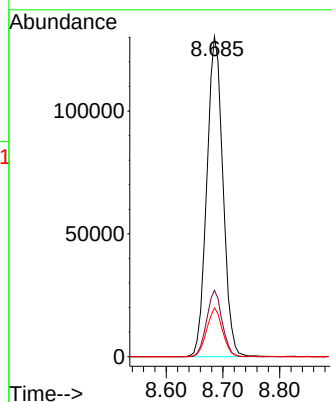
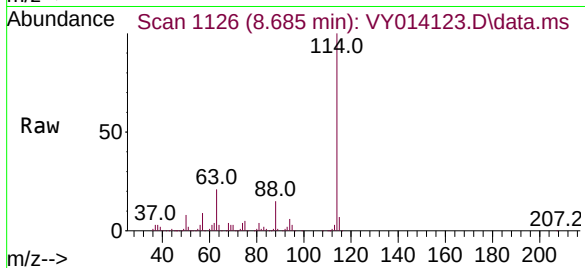
Tgt Ion:114 Resp: 257252

Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.4

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.905 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY014123.D

Acq: 12 Jun 2023 16:19

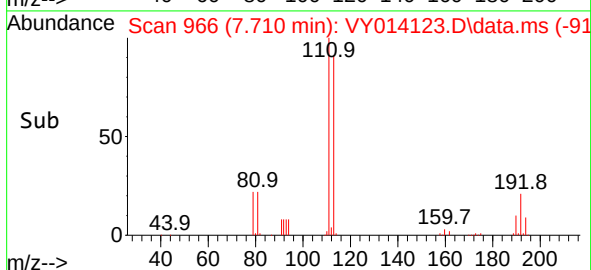
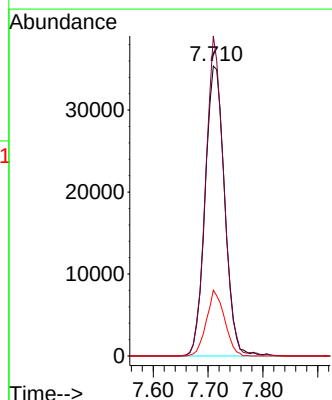
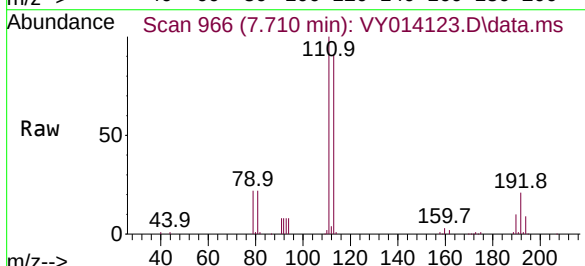
Tgt Ion:113 Resp: 87396

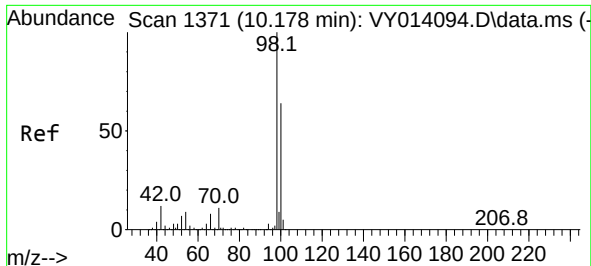
Ion Ratio Lower Upper

113 100

111 102.7 81.3 121.9

192 21.1 16.9 25.3

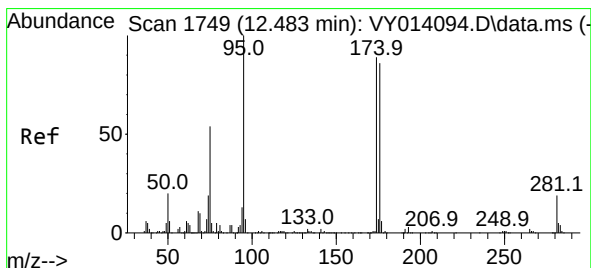
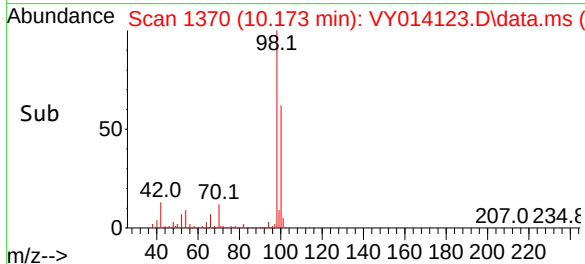
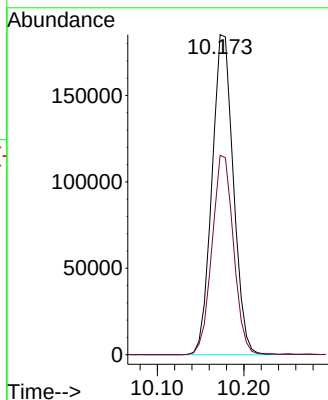
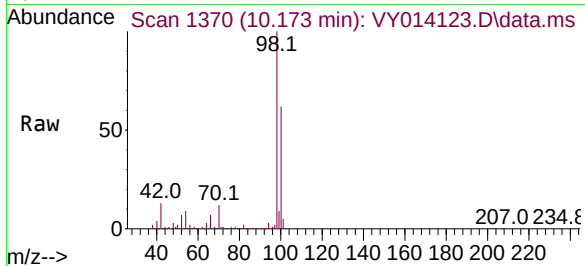




#50
Toluene-d8
Concen: 46.690 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY014123.D
Acq: 12 Jun 2023 16:19

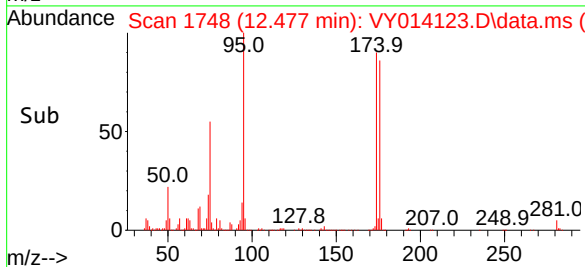
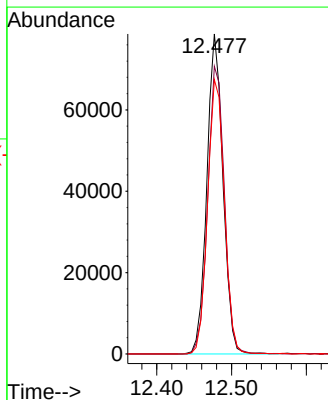
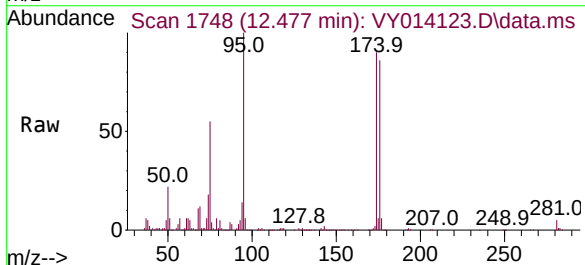
Instrument :
MSVOA_Y
ClientSampleId :
TP-26OA

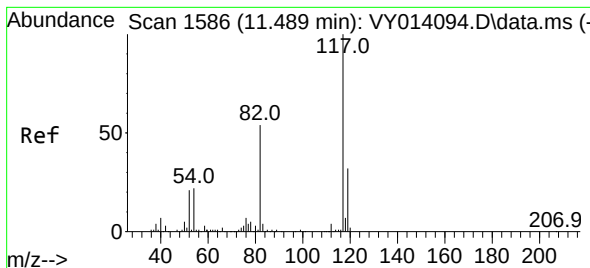
Tgt Ion: 98 Resp: 318453
Ion Ratio Lower Upper
98 100
100 62.7 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 48.658 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014123.D
Acq: 12 Jun 2023 16:19

Tgt Ion: 95 Resp: 117892
Ion Ratio Lower Upper
95 100
174 92.7 0.0 178.2
176 89.4 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014123.D

Acq: 12 Jun 2023 16:19

Instrument :

MSVOA_Y

ClientSampleId :

TP-26OA

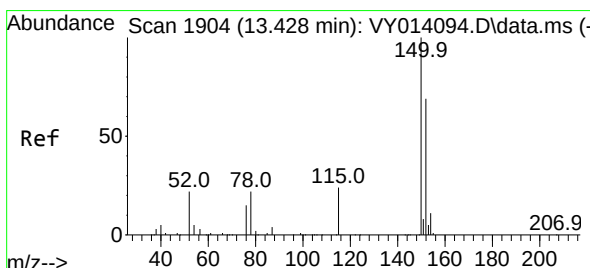
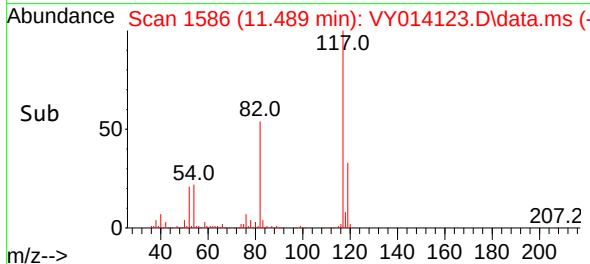
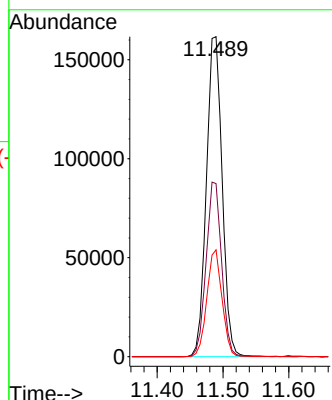
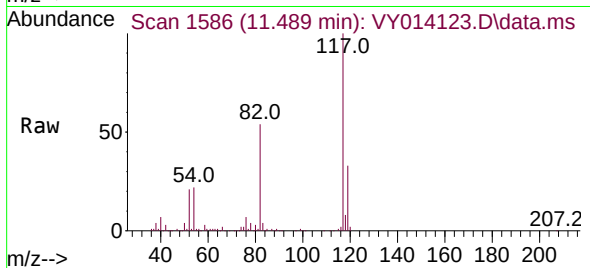
Tgt Ion:117 Resp: 270303

Ion Ratio Lower Upper

117 100

82 54.1 43.4 65.0

119 33.4 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY014123.D

Acq: 12 Jun 2023 16:19

Tgt Ion:152 Resp: 134800

Ion Ratio Lower Upper

152 100

115 56.0 28.8 86.5

150 157.9 0.0 348.8

