

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090723\
 Data File : VY015462.D
 Acq On : 07 Sep 2023 12:19
 Operator : SY/MD
 Sample : 04321-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT2345

Quant Time: Sep 07 23:07:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

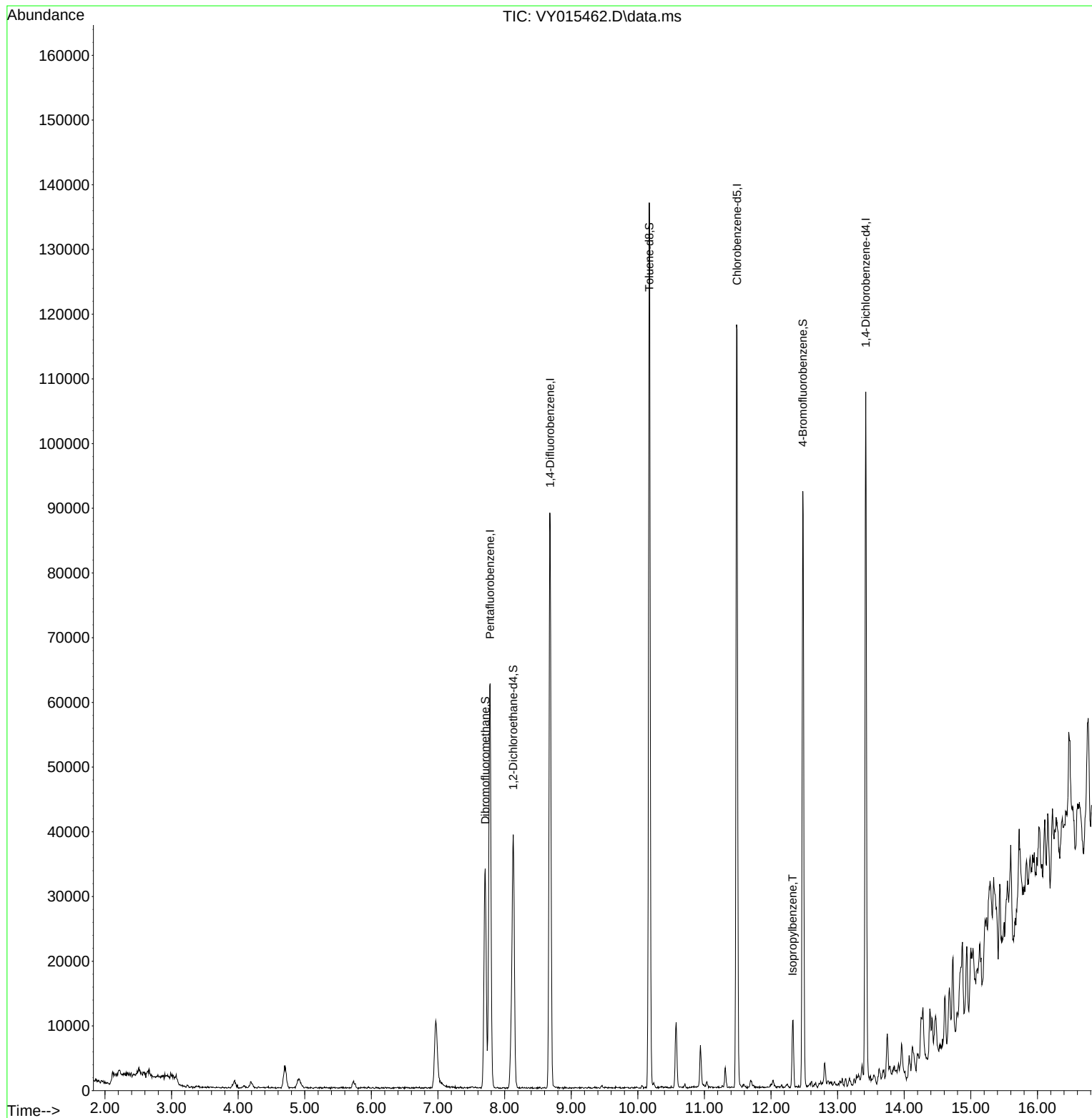
Internal Standards						
1) Pentafluorobenzene	7.783	168	49258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	78650	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	66200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	28105	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	27763	52.578	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.160%	
35) Dibromofluoromethane	7.709	113	24139	53.286	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.580%	
50) Toluene-d8	10.172	98	88852	54.161	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.320%	
62) 4-Bromofluorobenzene	12.477	95	26365	43.291	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 86.580%	
Target Compounds						
73) Isopropylbenzene	12.324	105	5942	2.815	ug/l	Qvalue 96

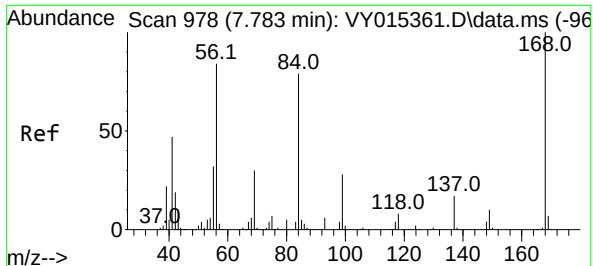
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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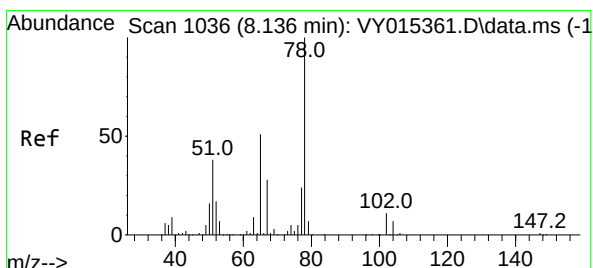
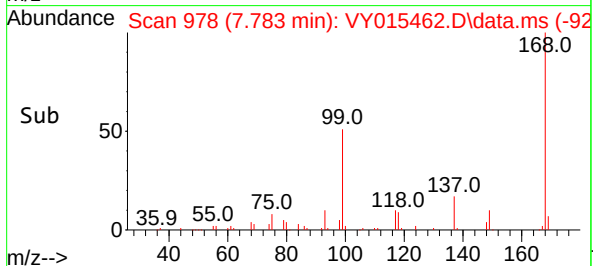
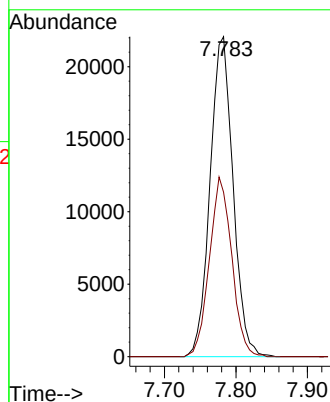
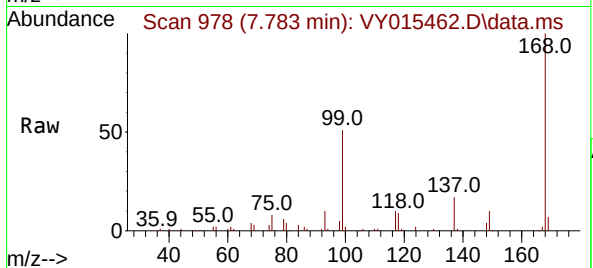




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015462.D
Acq: 07 Sep 2023 12:19

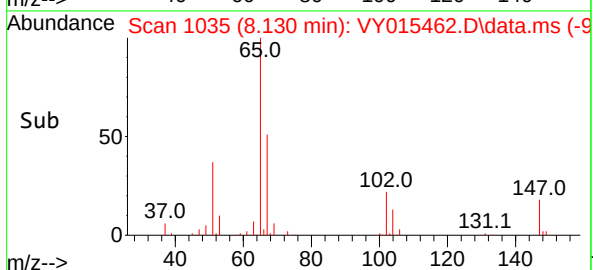
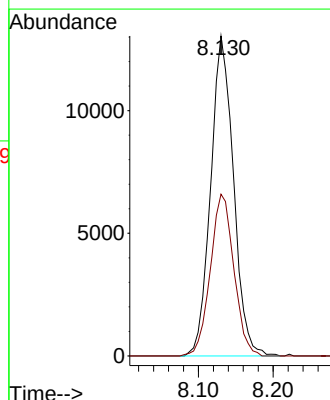
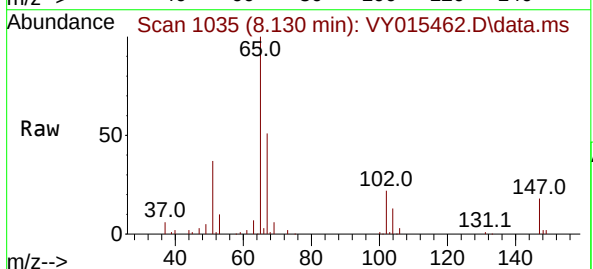
Instrument :
MSVOA_Y
ClientSampleId :
RT2345

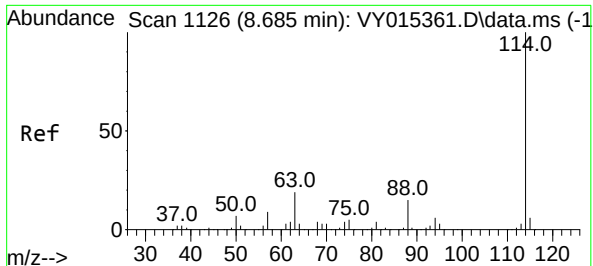
Tgt Ion:168 Resp: 49258
Ion Ratio Lower Upper
168 100
99 51.4 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 52.578 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY015462.D
Acq: 07 Sep 2023 12:19

Tgt Ion: 65 Resp: 27763
Ion Ratio Lower Upper
65 100
67 52.0 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY015462.D

Acq: 07 Sep 2023 12:19

Instrument :

MSVOA_Y

ClientSampleId :

RT2345

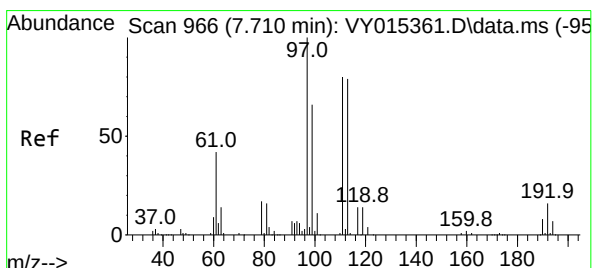
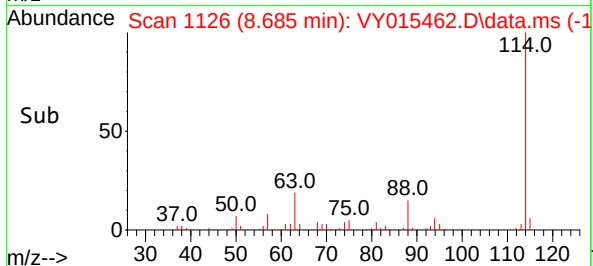
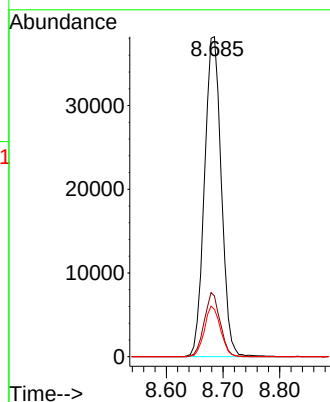
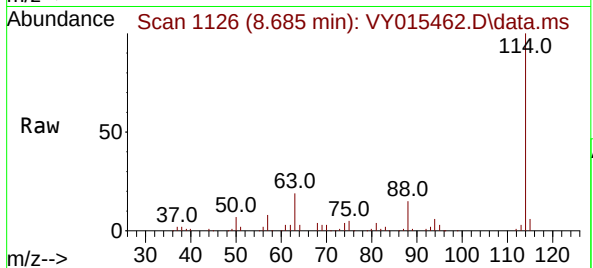
Tgt Ion:114 Resp: 78650

Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

88 14.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.286 ug/l

RT: 7.709 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY015462.D

Acq: 07 Sep 2023 12:19

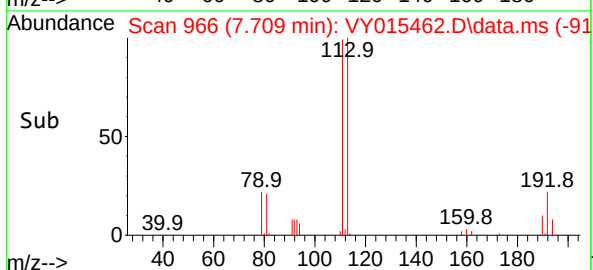
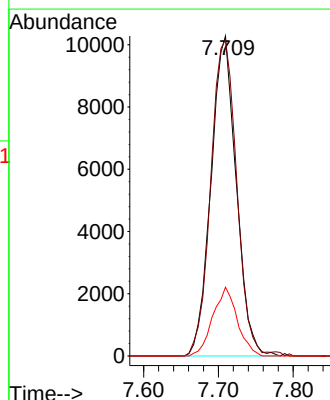
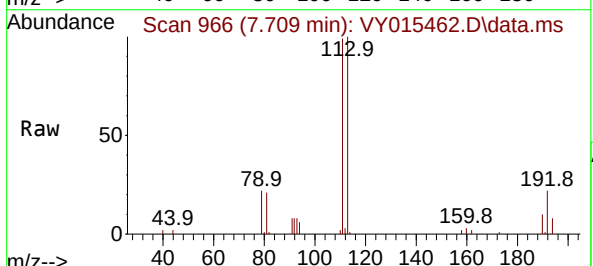
Tgt Ion:113 Resp: 24139

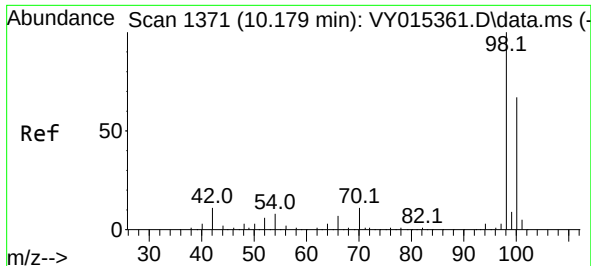
Ion Ratio Lower Upper

113 100

111 101.5 81.3 121.9

192 20.8 16.9 25.3

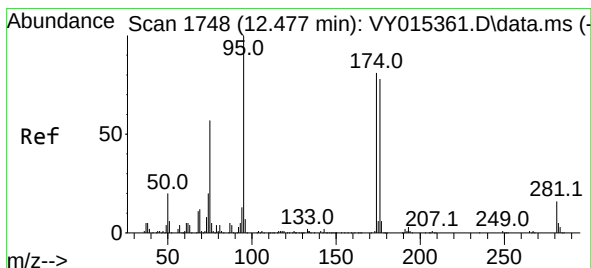
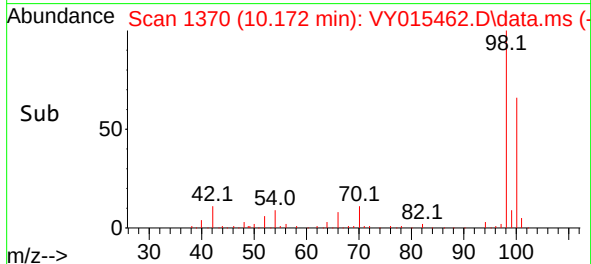
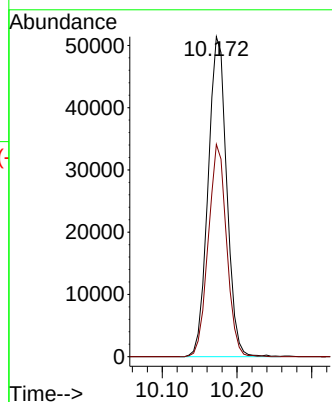
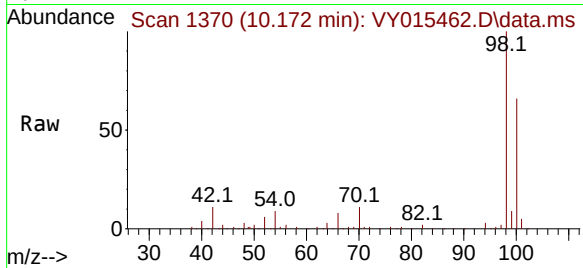




#50
Toluene-d8
Concen: 54.161 ug/l
RT: 10.172 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015462.D
Acq: 07 Sep 2023 12:19

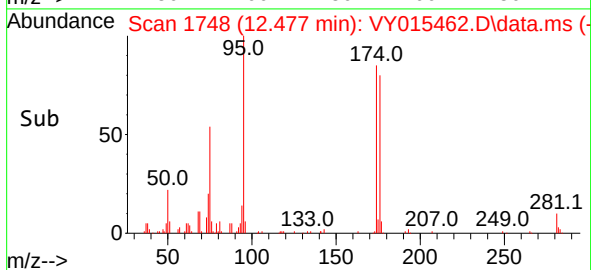
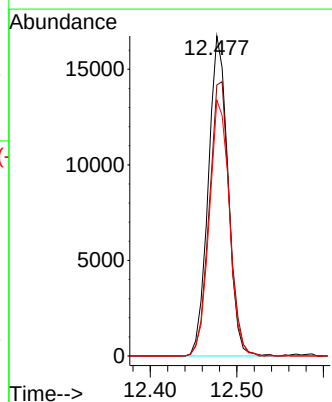
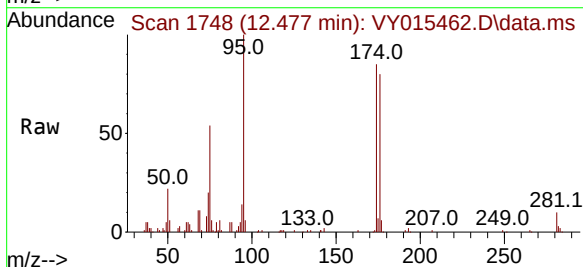
Instrument :
MSVOA_Y
ClientSampleId :
RT2345

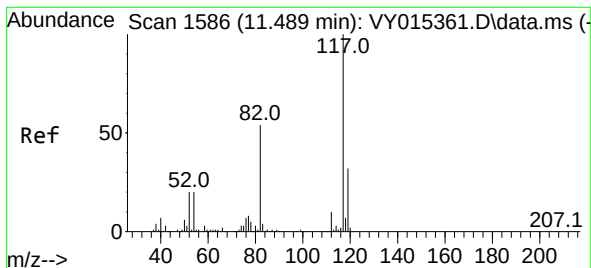
Tgt Ion: 98 Resp: 88852
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 43.291 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015462.D
Acq: 07 Sep 2023 12:19

Tgt Ion: 95 Resp: 26365
Ion Ratio Lower Upper
95 100
174 88.5 0.0 178.2
176 81.7 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: VY015462.D

Acq: 07 Sep 2023 12:19

Instrument :

MSVOA_Y

ClientSampleId :

RT2345

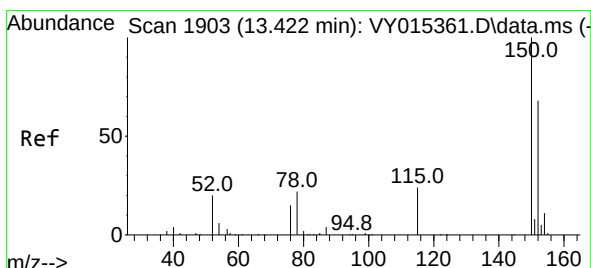
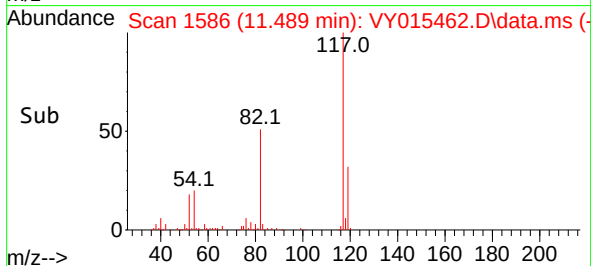
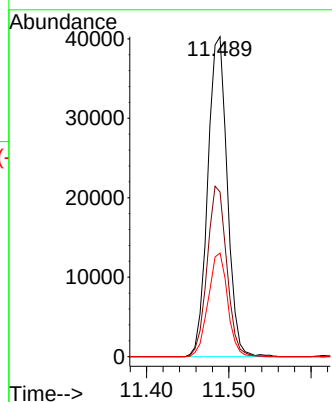
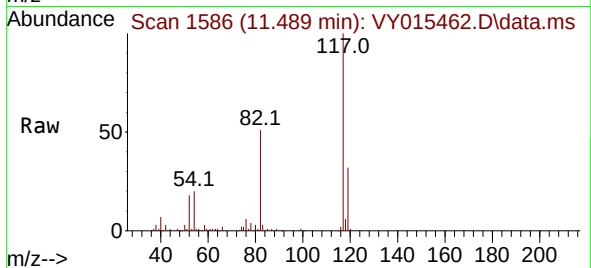
Tgt Ion:117 Resp: 66200

Ion Ratio Lower Upper

117 100

82 51.4 43.4 65.0

119 32.4 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY015462.D

Acq: 07 Sep 2023 12:19

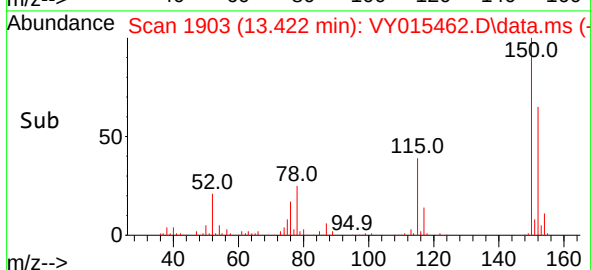
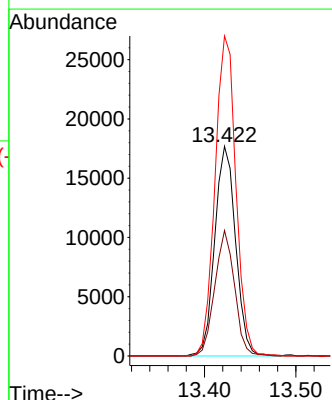
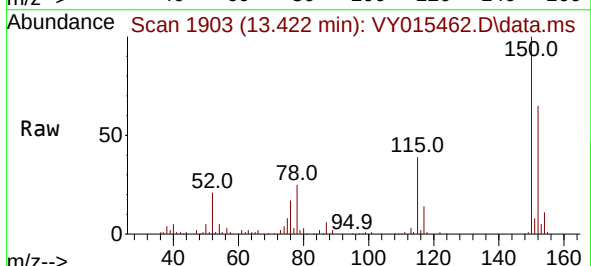
Tgt Ion:152 Resp: 28105

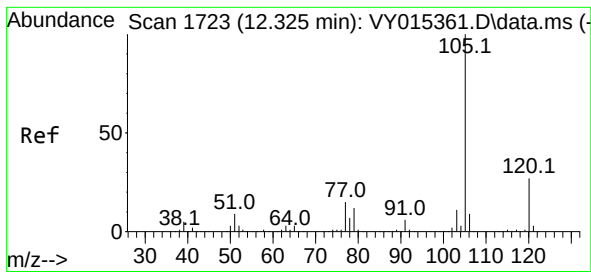
Ion Ratio Lower Upper

152 100

115 56.7 28.8 86.5

150 152.7 0.0 348.8





#73

Isopropylbenzene

Concen: 2.815 ug/l

RT: 12.324 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY015462.D

Acq: 07 Sep 2023 12:19

Instrument :

MSVOA_Y

ClientSampleId :

RT2345

Tgt Ion:105 Resp: 5942

Ion Ratio Lower Upper

105 100

120 24.4 13.3 39.9

