

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
 Data File : VY015580.D
 Acq On : 15 Sep 2023 19:23
 Operator : SY/MD
 Sample : 04407-04
 Misc : 6.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 306-TP-4-(9-10)

Quant Time: Sep 15 23:00:46 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)

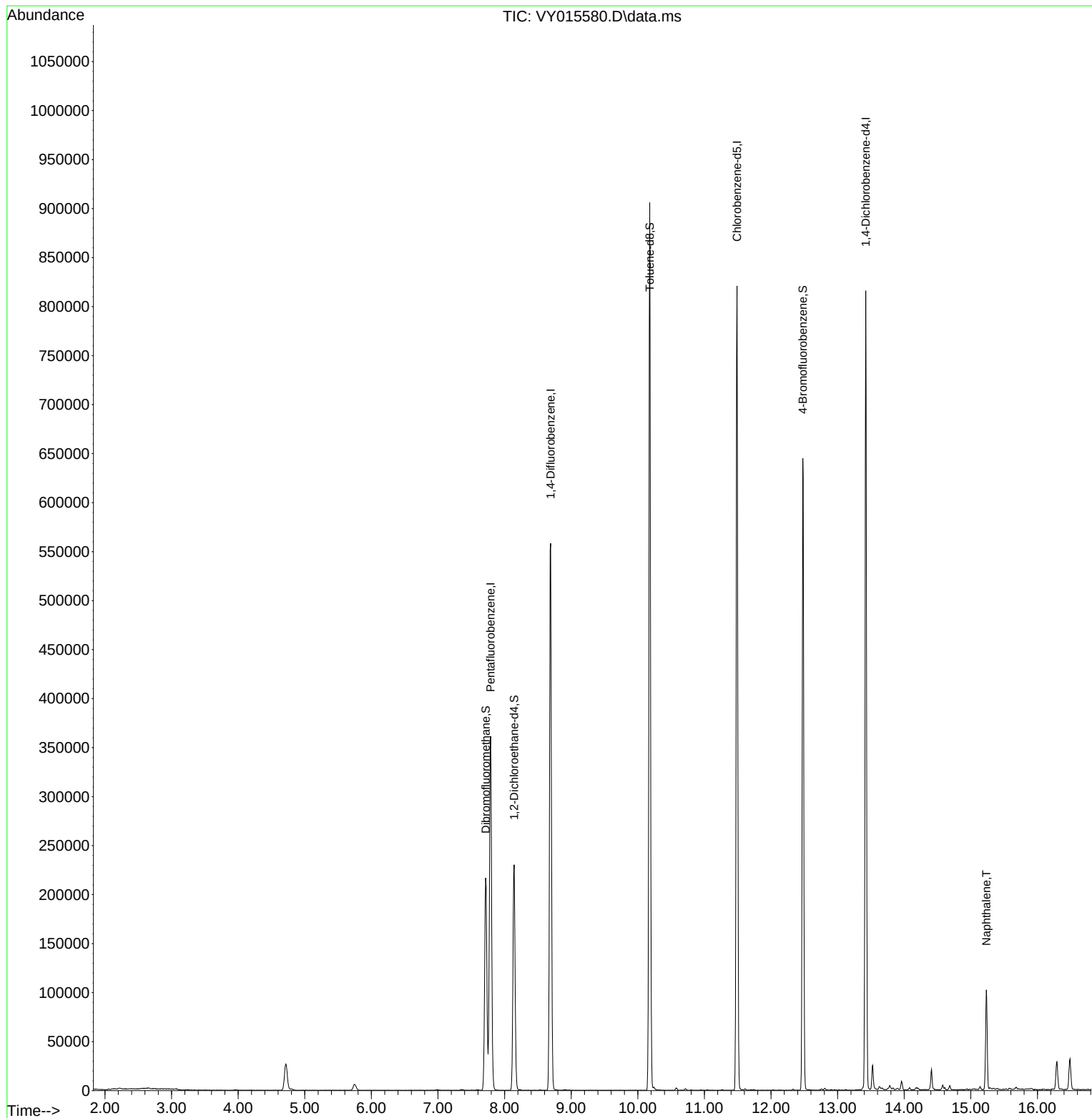
Internal Standards						
1) Pentafluorobenzene	7.789	168	281011	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	483875	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	444861	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	203659	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	179850	59.703	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.400%	
35) Dibromofluoromethane	7.716	113	152988	54.893	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.780%	
50) Toluene-d8	10.179	98	569223	56.399	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.800%	
62) 4-Bromofluorobenzene	12.477	95	193486	51.640	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.280%	
Target Compounds						
95) Naphthalene	15.233	128	83983	8.270	ug/l	Qvalue 99

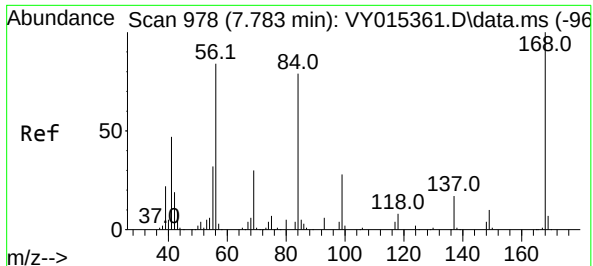
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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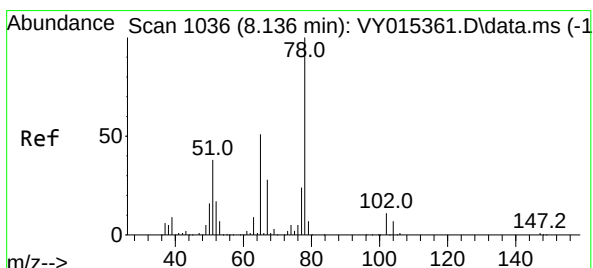
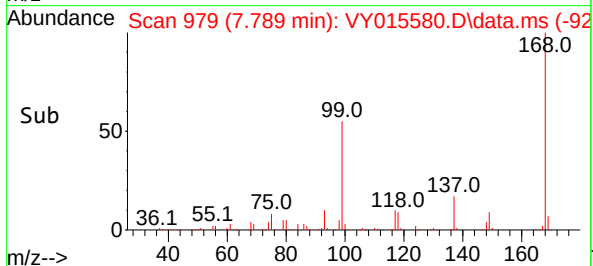
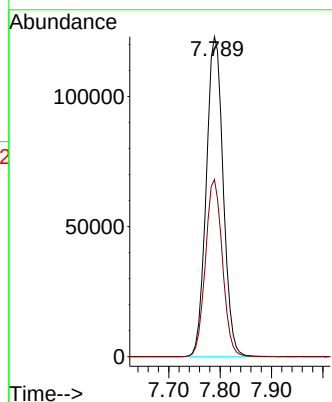
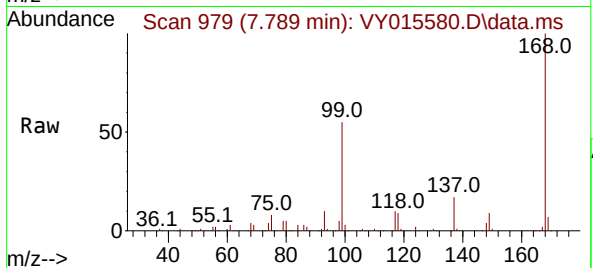




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015580.D
Acq: 15 Sep 2023 19:23

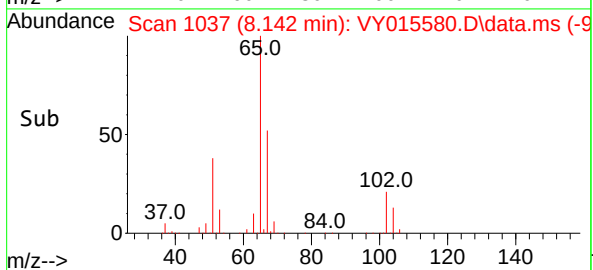
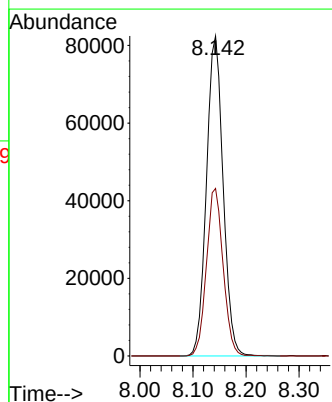
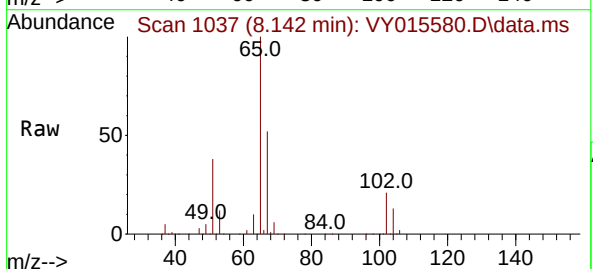
Instrument :
MSVOA_Y
ClientSampleId :
306-TP-4-(9-10)

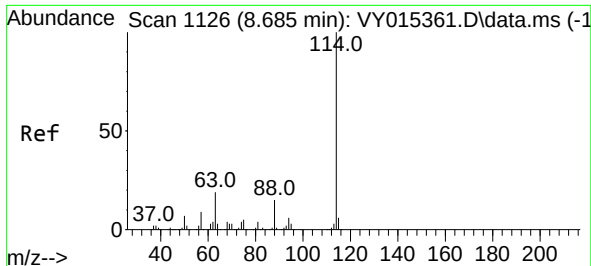
Tgt Ion:168 Resp: 281011
Ion Ratio Lower Upper
168 100
99 55.4 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 59.703 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015580.D
Acq: 15 Sep 2023 19:23

Tgt Ion: 65 Resp: 179850
Ion Ratio Lower Upper
65 100
67 52.4 0.0 101.8

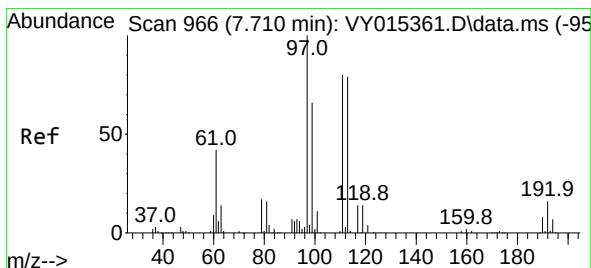
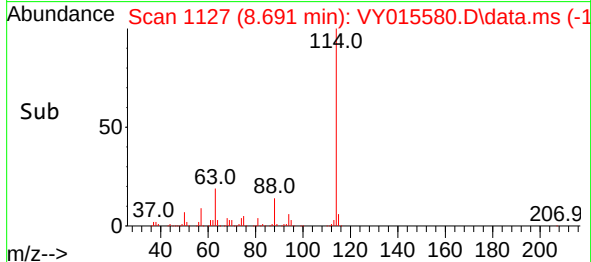
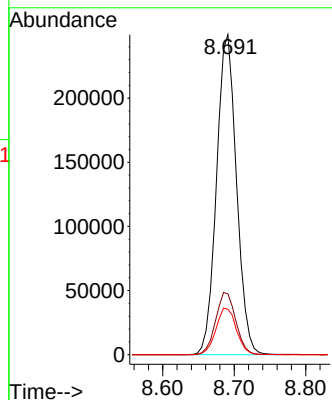
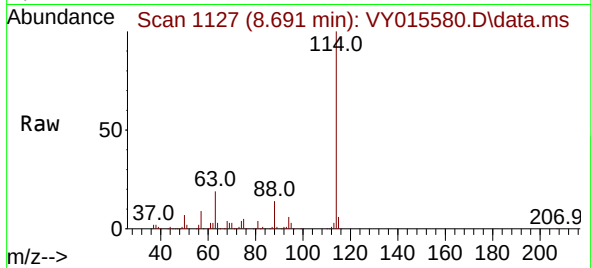




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY015580.D
Acq: 15 Sep 2023 19:23

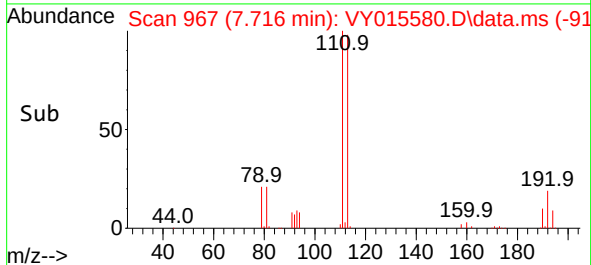
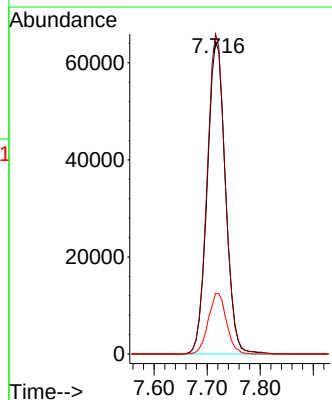
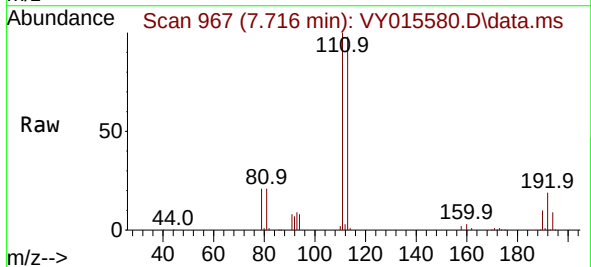
Instrument :
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ClientSampleId :
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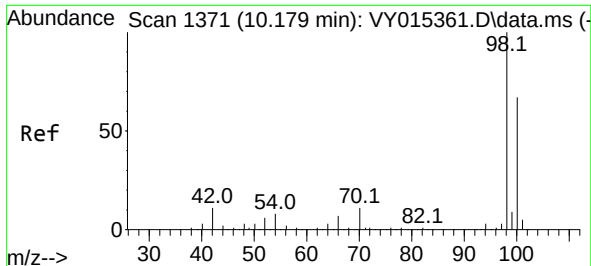
Tgt Ion:114 Resp: 483875
Ion Ratio Lower Upper
114 100
63 19.0 0.0 42.4
88 14.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.893 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY015580.D
Acq: 15 Sep 2023 19:23

Tgt Ion:113 Resp: 152988
Ion Ratio Lower Upper
113 100
111 102.3 81.3 121.9
192 19.4 16.9 25.3

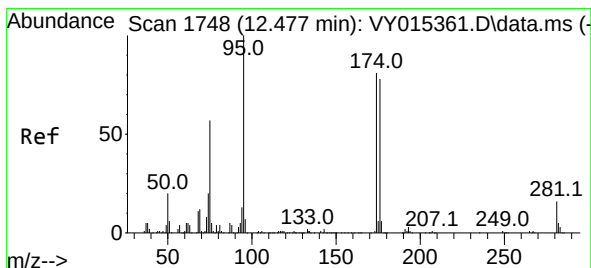
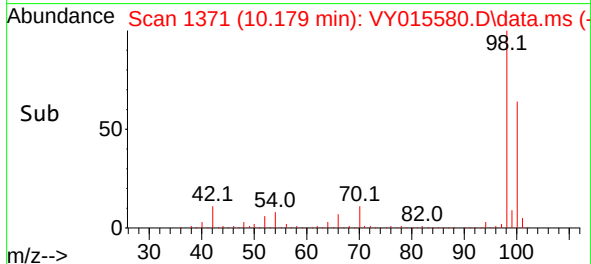
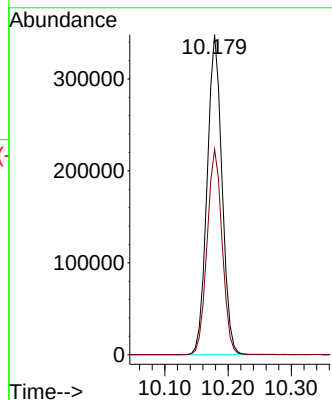
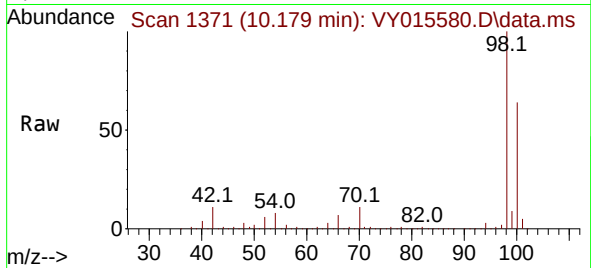




#50
Toluene-d8
Concen: 56.399 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015580.D
Acq: 15 Sep 2023 19:23

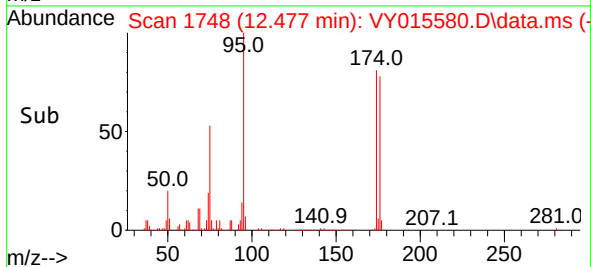
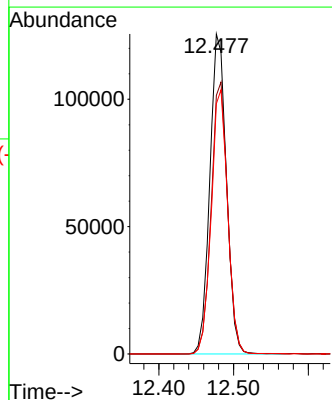
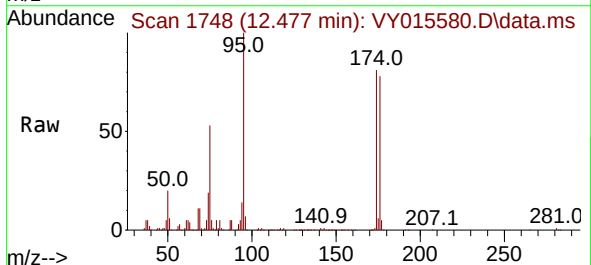
Instrument :
MSVOA_Y
ClientSampleId :
306-TP-4-(9-10)

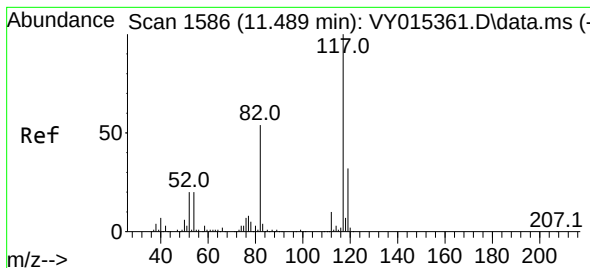
Tgt Ion: 98 Resp: 569223
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 51.640 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015580.D
Acq: 15 Sep 2023 19:23

Tgt Ion: 95 Resp: 193486
Ion Ratio Lower Upper
95 100
174 84.4 0.0 178.2
176 81.8 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: VY015580.D

Acq: 15 Sep 2023 19:23

Instrument :

MSVOA_Y

ClientSampleId :

306-TP-4-(9-10)

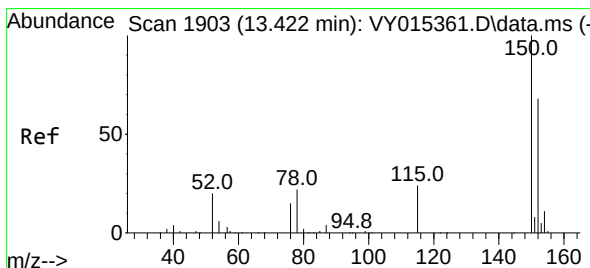
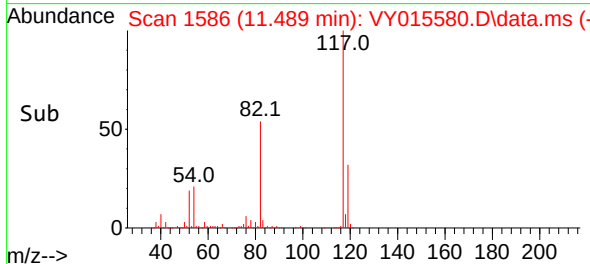
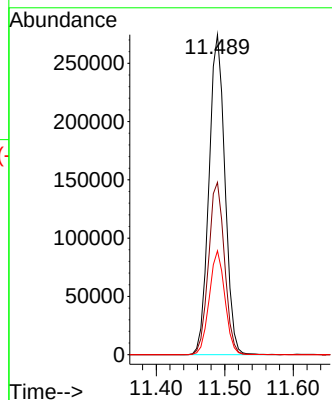
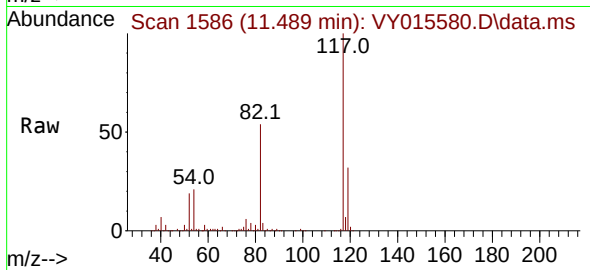
Tgt Ion:117 Resp: 444861

Ion Ratio Lower Upper

117 100

82 53.8 43.4 65.0

119 32.5 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: VY015580.D

Acq: 15 Sep 2023 19:23

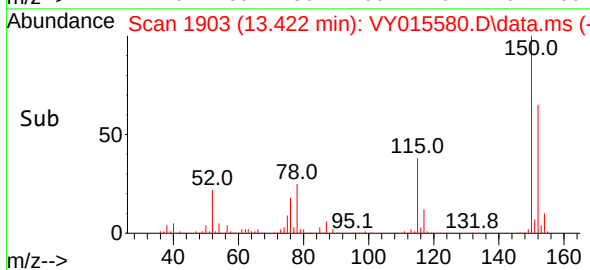
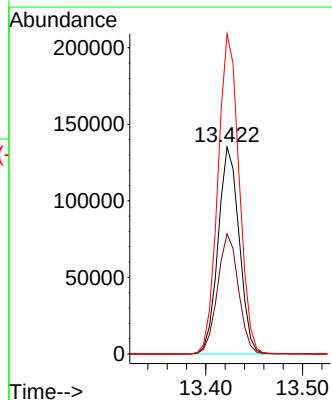
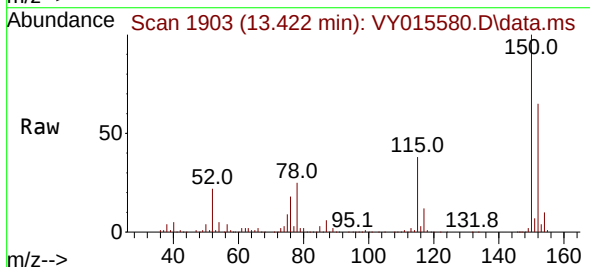
Tgt Ion:152 Resp: 203659

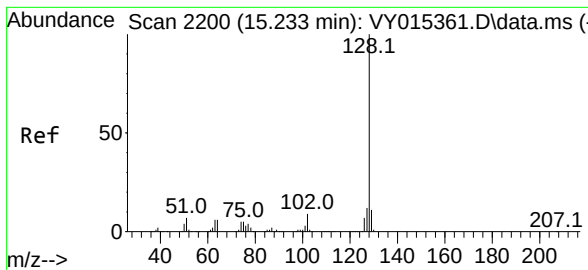
Ion Ratio Lower Upper

152 100

115 57.9 28.8 86.5

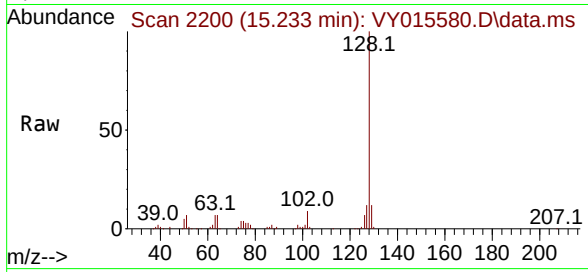
150 156.1 0.0 348.8





#95
 Naphthalene
 Concen: 8.270 ug/l
 RT: 15.233 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY015580.D
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Instrument :
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Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.8	16.2
129	10.9	8.6	13.0

