

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
 Data File : VY015566.D
 Acq On : 15 Sep 2023 13:53
 Operator : SY/MD
 Sample : 04409-15
 Misc : 6.14g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-5(0-6)GRAB

Quant Time: Sep 15 15:37:35 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)

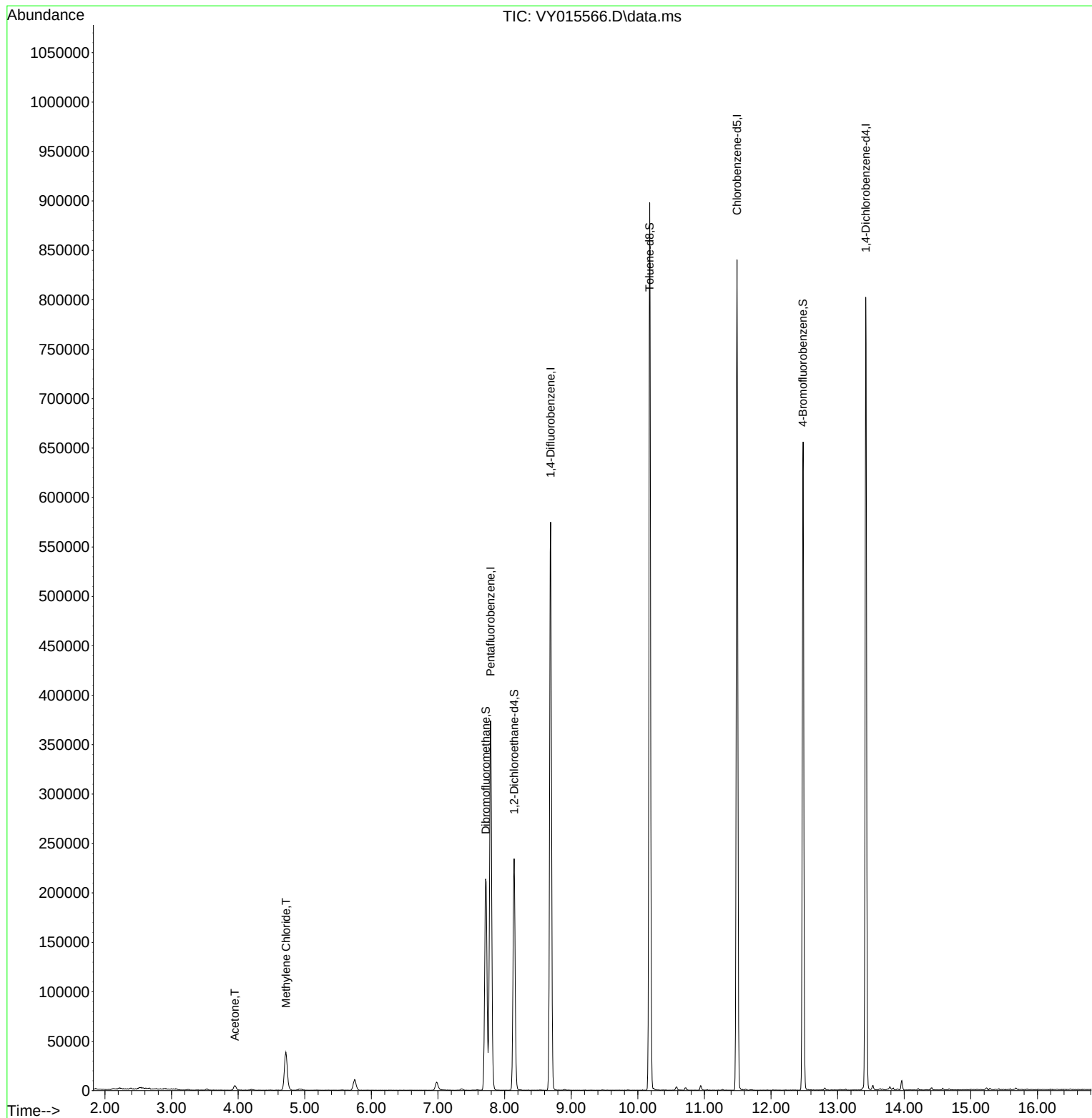
Internal Standards						
1) Pentafluorobenzene	7.789	168	294490	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	493112	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	451940	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	201758	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	182787	57.901	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.800%
35) Dibromofluoromethane	7.716	113	156509	55.105	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.200%
50) Toluene-d8	10.179	98	580937	56.481	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.960%
62) 4-Bromofluorobenzene	12.477	95	194036	50.817	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.640%
Target Compounds						
16) Acetone	3.948	43	8555	6.493	ug/l	99
20) Methylene Chloride	4.716	84	29543	1.064	ug/l	87

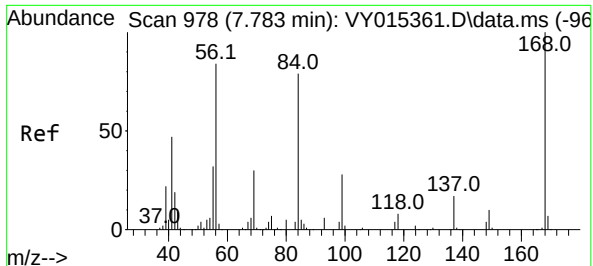
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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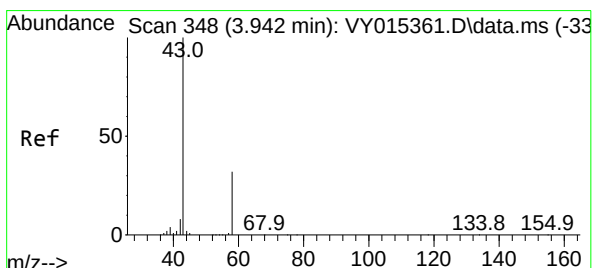
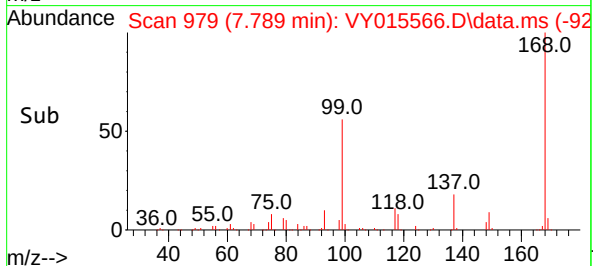
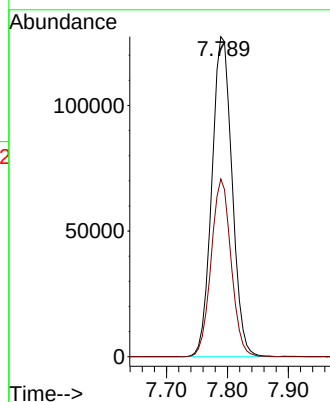
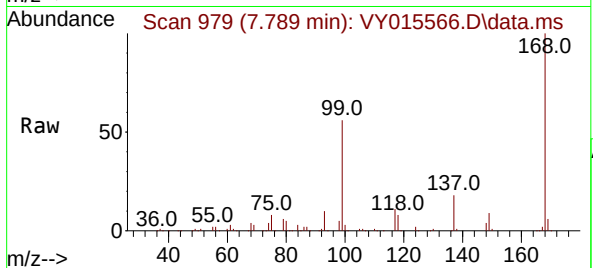




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015566.D
Acq: 15 Sep 2023 13:53

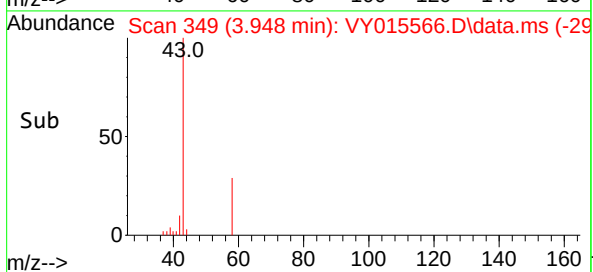
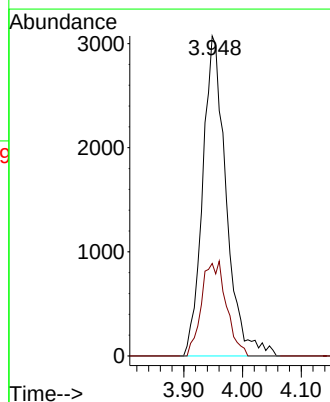
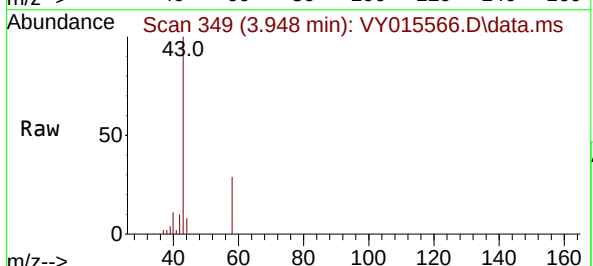
Instrument :
MSVOA_Y
ClientSampleId :
WC-5(0-6)GRAB

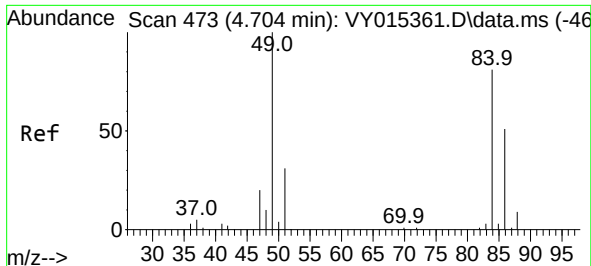
Tgt Ion:168 Resp: 294490
Ion Ratio Lower Upper
168 100
99 55.5 43.4 65.0



#16
Acetone
Concen: 6.493 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015566.D
Acq: 15 Sep 2023 13:53

Tgt Ion: 43 Resp: 8555
Ion Ratio Lower Upper
43 100
58 28.9 22.7 34.1



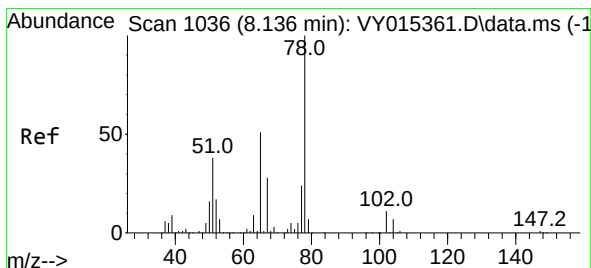
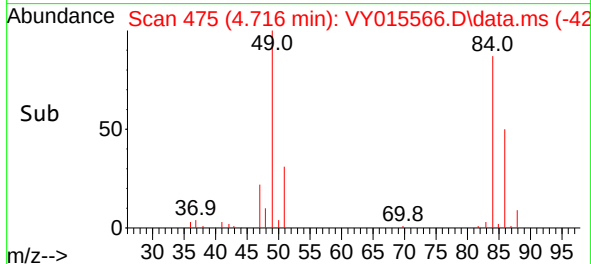
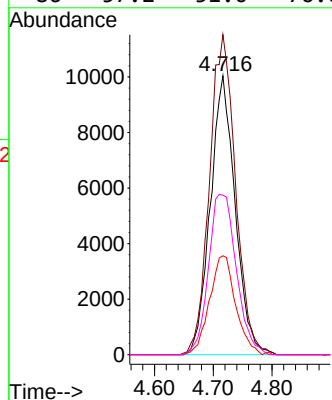
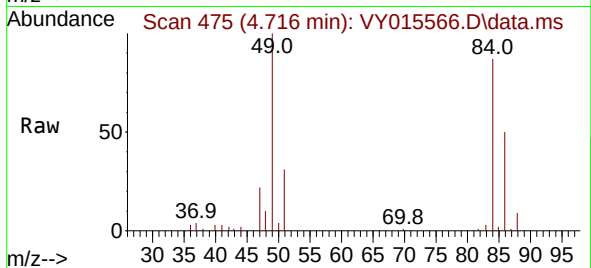


#20
Methylene Chloride
Concen: 1.064 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY015566.D
Acq: 15 Sep 2023 13:53

Instrument :
MSVOA_Y
ClientSampleId :
WC-5(0-6)GRAB

Tgt Ion: 84 Resp: 29543

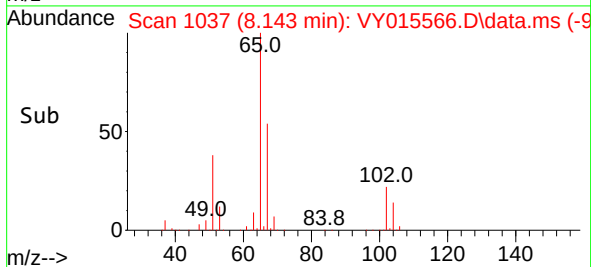
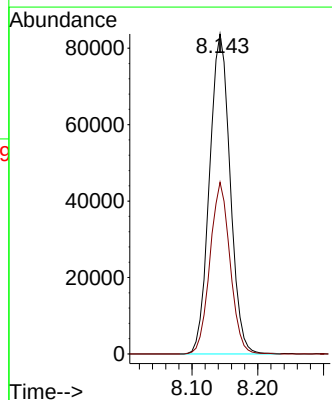
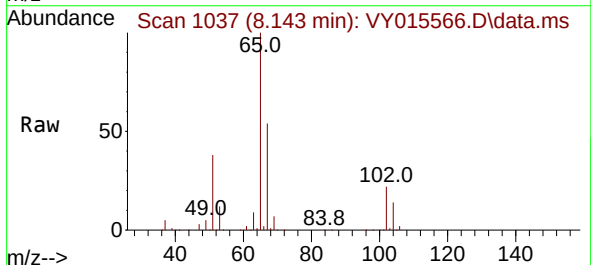
Ion	Ratio	Lower	Upper
84	100		
49	114.7	106.9	160.3
51	35.4	33.2	49.8
86	57.2	51.0	76.6

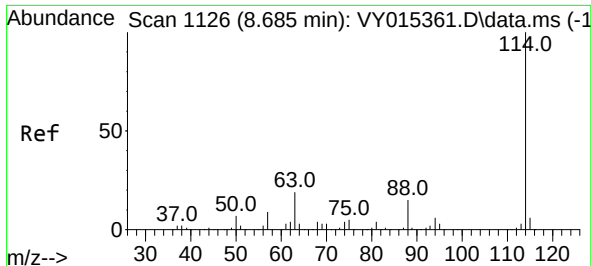


#33
1,2-Dichloroethane-d4
Concen: 57.901 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015566.D
Acq: 15 Sep 2023 13:53

Tgt Ion: 65 Resp: 182787

Ion	Ratio	Lower	Upper
65	100		
67	52.2	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: VY015566.D

Acq: 15 Sep 2023 13:53

Instrument :

MSVOA_Y

ClientSampleId :

WC-5(0-6)GRAB

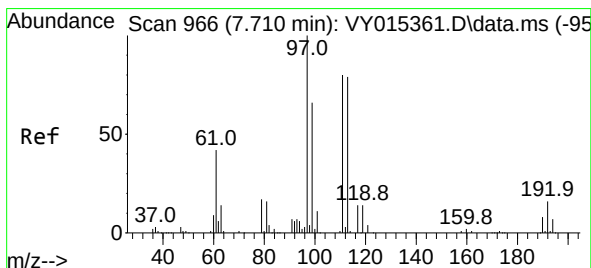
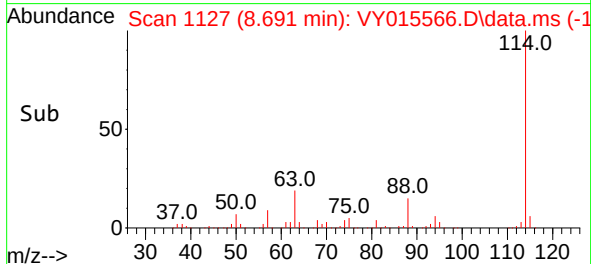
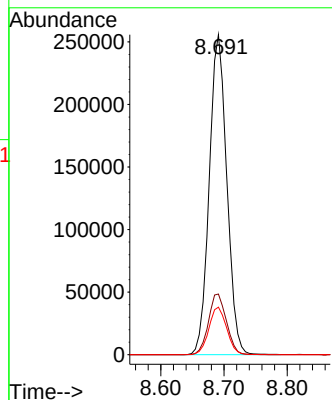
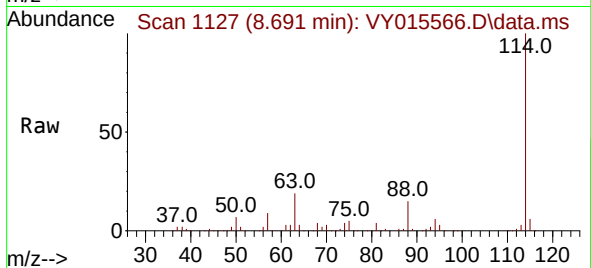
Tgt Ion:114 Resp: 493112

Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.105 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY015566.D

Acq: 15 Sep 2023 13:53

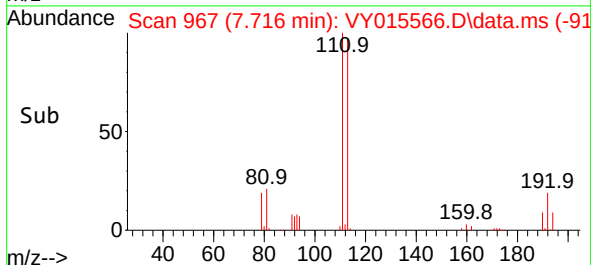
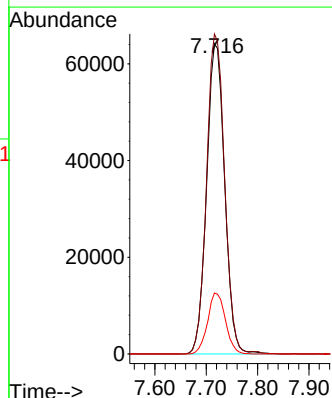
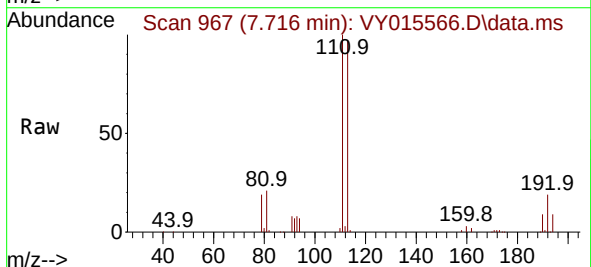
Tgt Ion:113 Resp: 156509

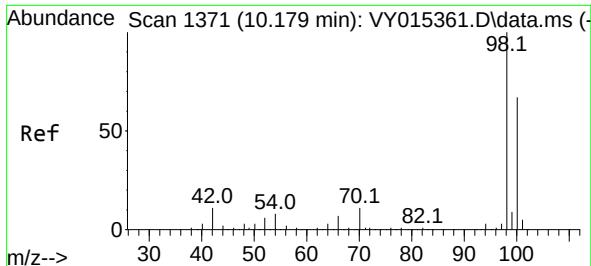
Ion Ratio Lower Upper

113 100

111 103.2 81.3 121.9

192 19.4 16.9 25.3

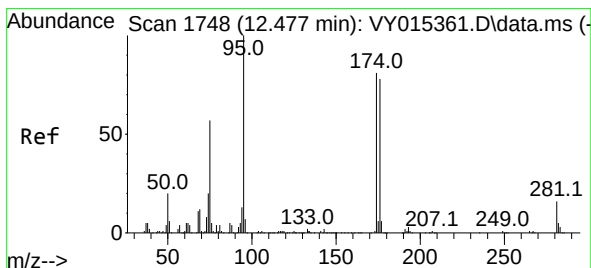
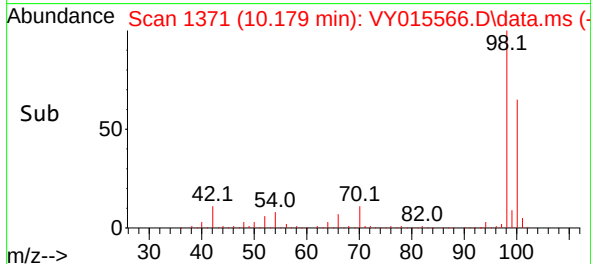
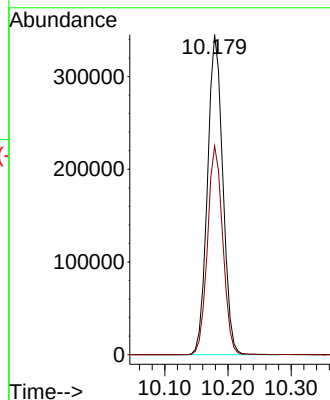
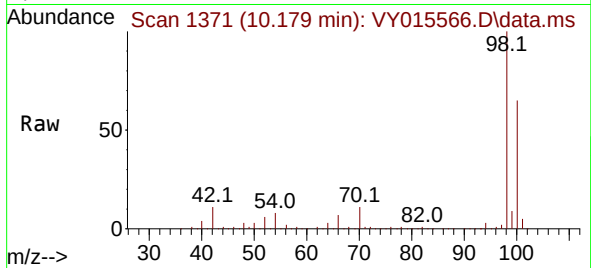




#50
Toluene-d8
Concen: 56.481 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015566.D
Acq: 15 Sep 2023 13:53

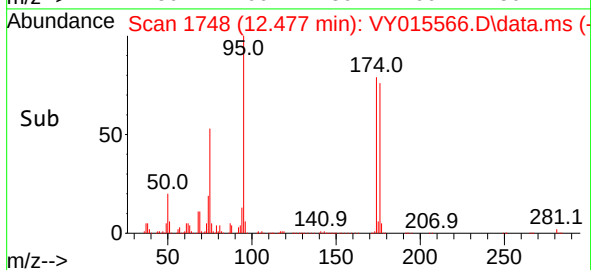
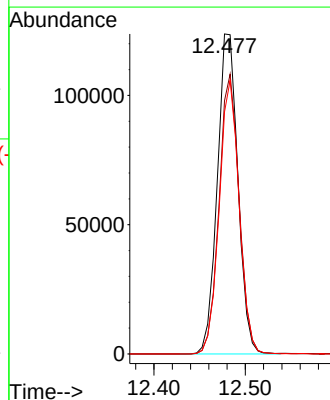
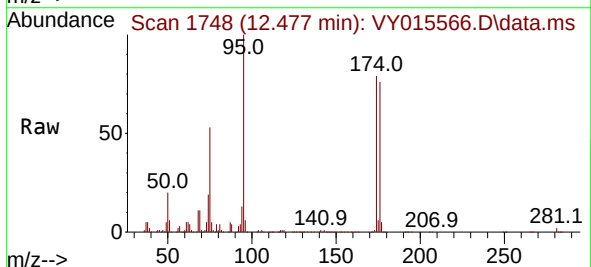
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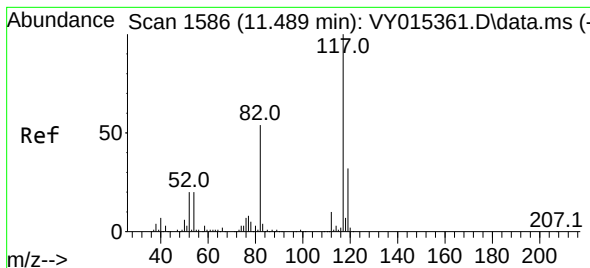
Tgt Ion: 98 Resp: 580937
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 50.817 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015566.D
Acq: 15 Sep 2023 13:53

Tgt Ion: 95 Resp: 194036
Ion Ratio Lower Upper
95 100
174 85.4 0.0 178.2
176 82.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015566.D

Acq: 15 Sep 2023 13:53

Instrument :

MSVOA_Y

ClientSampleId :

WC-5(0-6)GRAB

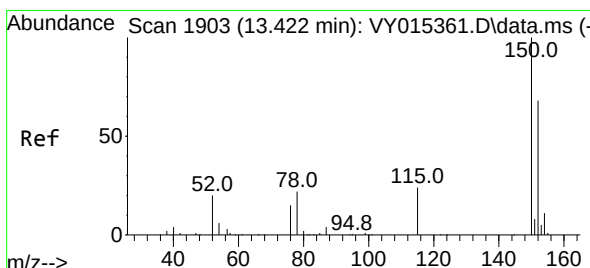
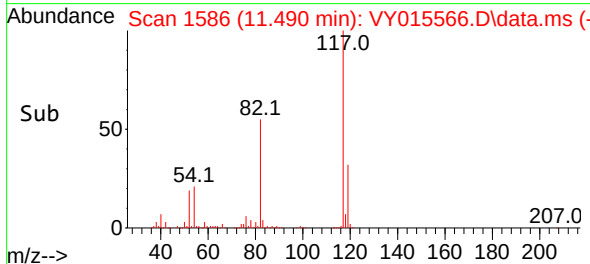
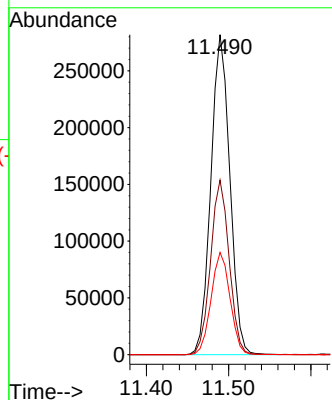
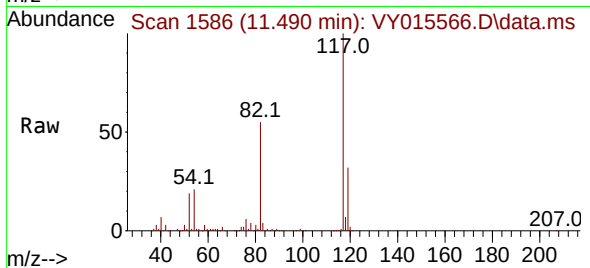
Tgt Ion:117 Resp: 451940

Ion Ratio Lower Upper

117 100

82 54.6 43.4 65.0

119 32.0 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: VY015566.D

Acq: 15 Sep 2023 13:53

Tgt Ion:152 Resp: 201758

Ion Ratio Lower Upper

152 100

115 57.9 28.8 86.5

150 158.2 0.0 348.8

