

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
 Data File : VY015572.D
 Acq On : 15 Sep 2023 16:15
 Operator : SY/MD
 Sample : 04412-01
 Misc : 4.66g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

Quant Time: Sep 15 16:46:57 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)

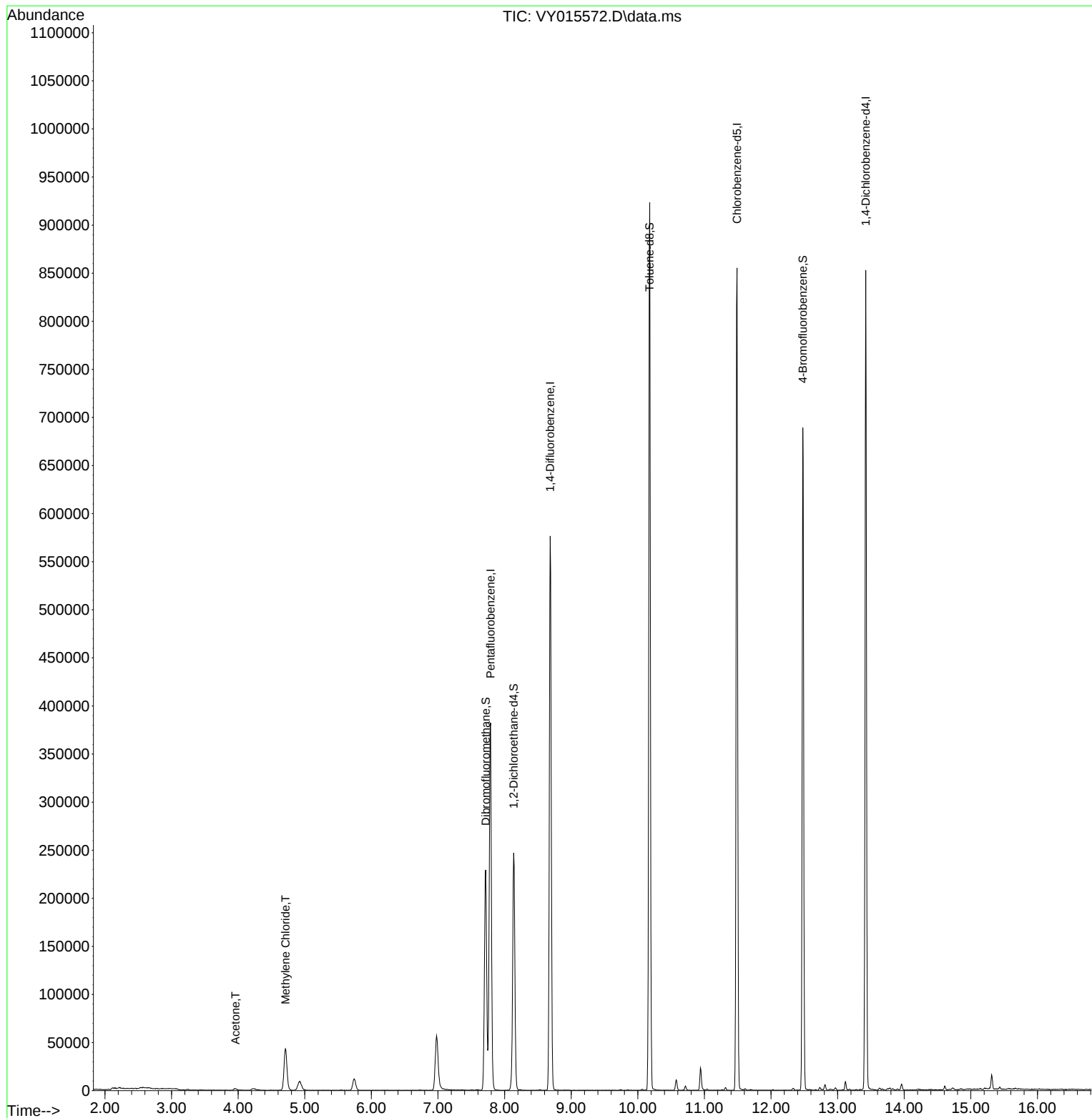
Internal Standards						
1) Pentafluorobenzene	7.789	168	299110	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	503213	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	464213	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	211131	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	190968	59.558	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.120%
35) Dibromofluoromethane	7.715	113	160784	55.473	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.940%
50) Toluene-d8	10.178	98	595429	56.728	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	113.460%
62) 4-Bromofluorobenzene	12.477	95	202798	52.045	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.100%
Target Compounds						
						Qvalue
16) Acetone	3.960	43	3562	2.662	ug/l	92
20) Methylene Chloride	4.710	84	33191	1.865	ug/l	87

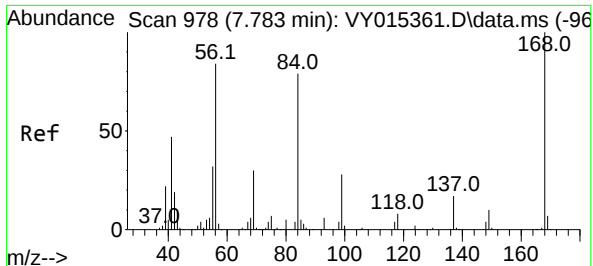
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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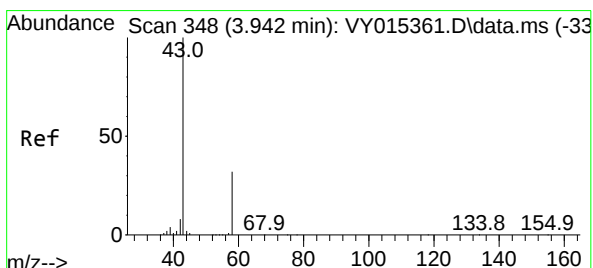
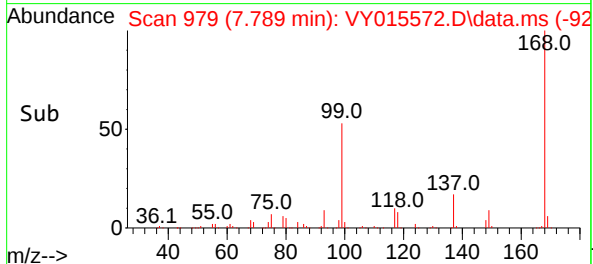
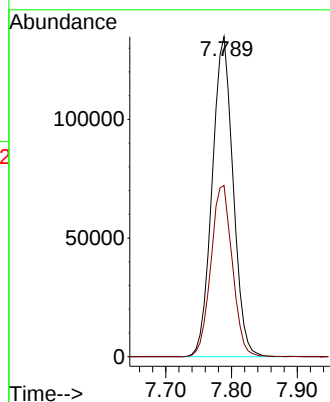
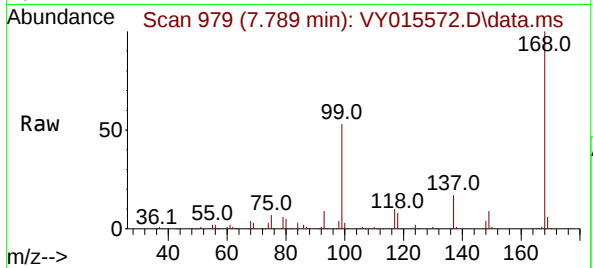




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015572.D
Acq: 15 Sep 2023 16:15

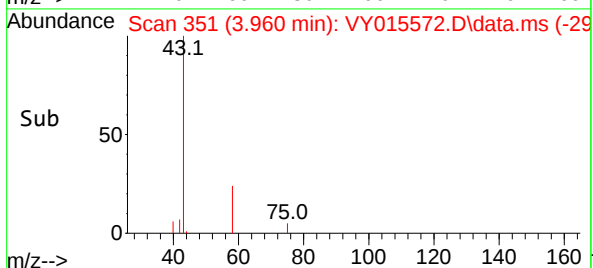
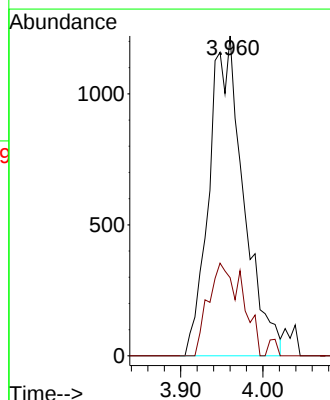
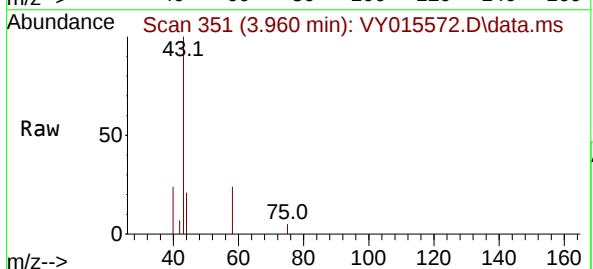
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

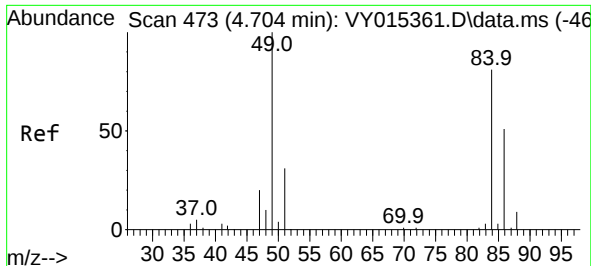
Tgt Ion:168 Resp: 299110
Ion Ratio Lower Upper
168 100
99 53.5 43.4 65.0



#16
Acetone
Concen: 2.662 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.018 min
Lab File: VY015572.D
Acq: 15 Sep 2023 16:15

Tgt Ion: 43 Resp: 3562
Ion Ratio Lower Upper
43 100
58 24.4 22.7 34.1



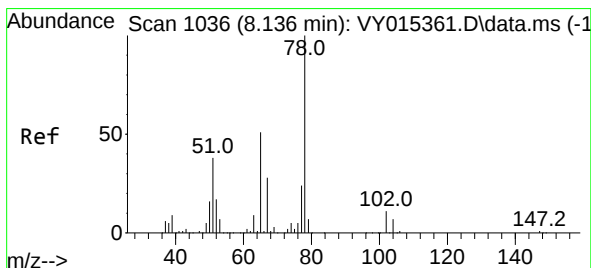
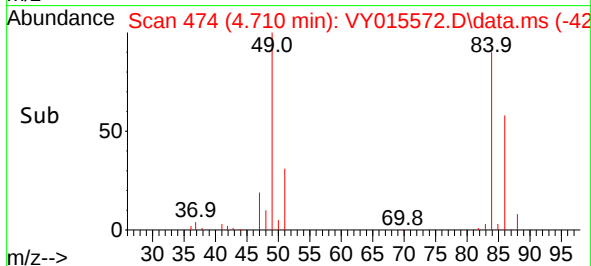
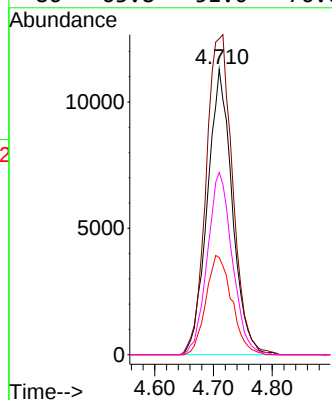
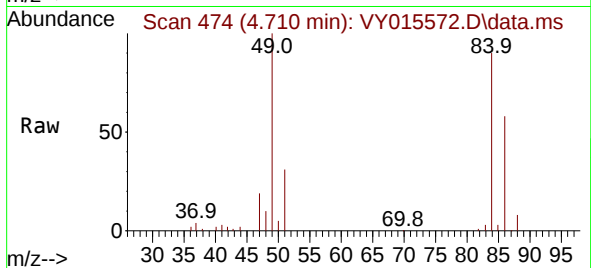


#20
Methylene Chloride
Concen: 1.865 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY015572.D
Acq: 15 Sep 2023 16:15

Instrument :
MSVOA_Y
ClientSampleId :
WC-1

Tgt Ion: 84 Resp: 33191

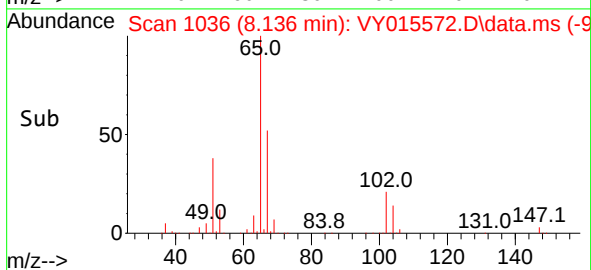
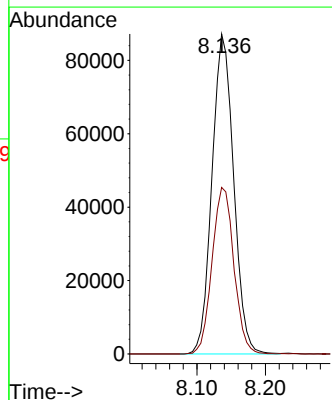
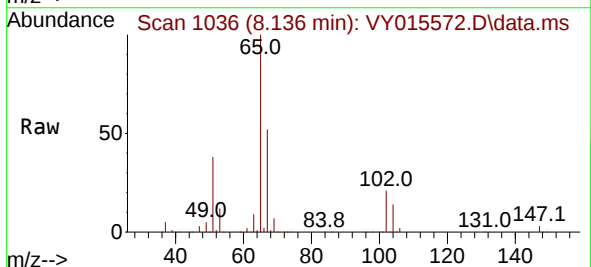
Ion	Ratio	Lower	Upper
84	100		
49	110.7	106.9	160.3
51	34.0	33.2	49.8
86	63.8	51.0	76.6

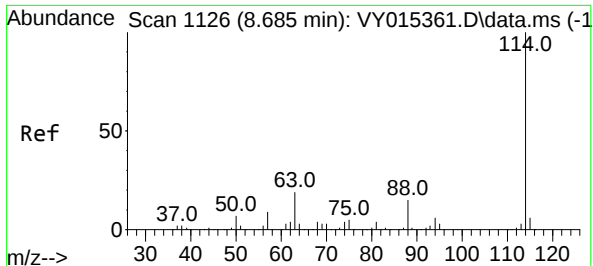


#33
1,2-Dichloroethane-d4
Concen: 59.558 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY015572.D
Acq: 15 Sep 2023 16:15

Tgt Ion: 65 Resp: 190968

Ion	Ratio	Lower	Upper
65	100		
67	52.5	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: VY015572.D

Acq: 15 Sep 2023 16:15

Instrument :

MSVOA_Y

ClientSampleId :

WC-1

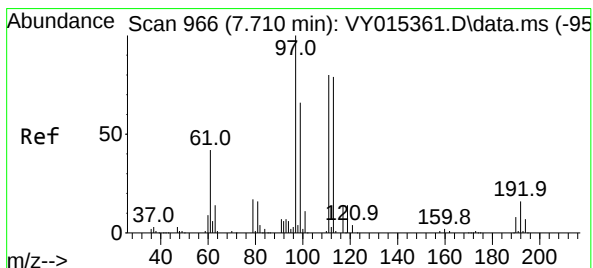
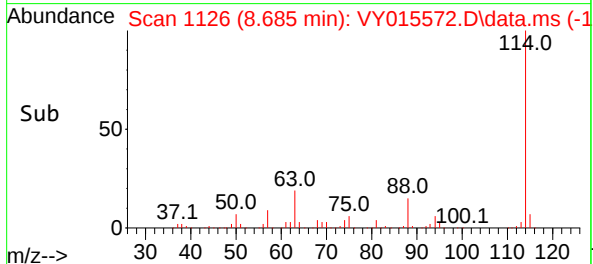
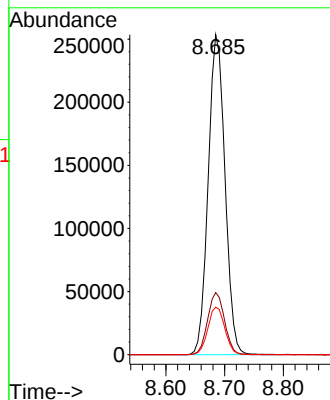
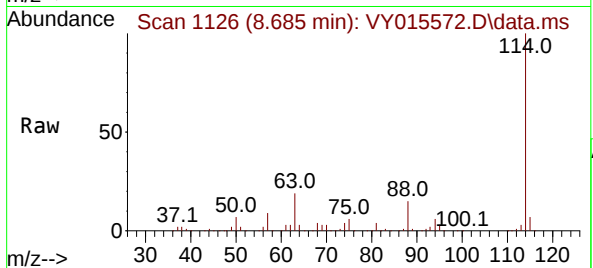
Tgt Ion:114 Resp: 503213

Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.473 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY015572.D

Acq: 15 Sep 2023 16:15

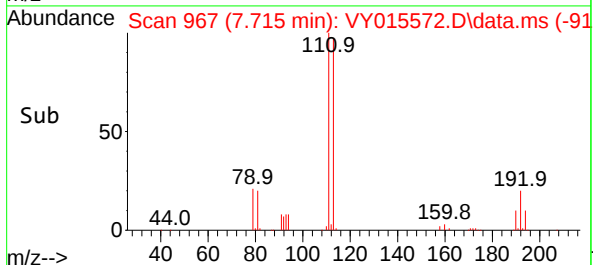
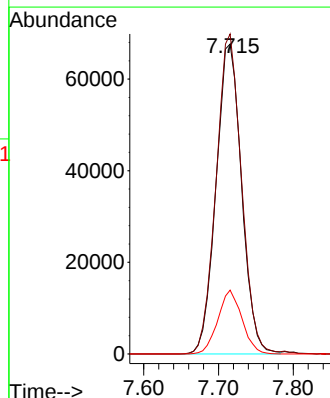
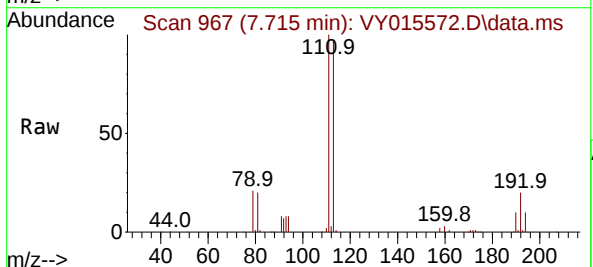
Tgt Ion:113 Resp: 160784

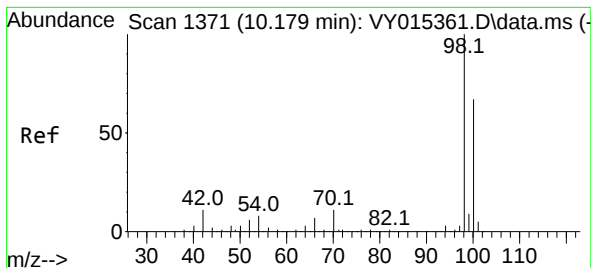
Ion Ratio Lower Upper

113 100

111 102.9 81.3 121.9

192 19.4 16.9 25.3





#50

Toluene-d8

Concen: 56.728 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY015572.D

Acq: 15 Sep 2023 16:15

Instrument :

MSVOA_Y

ClientSampleId :

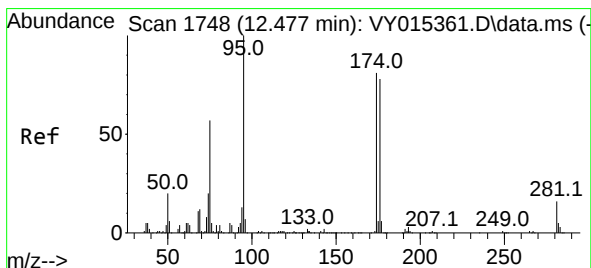
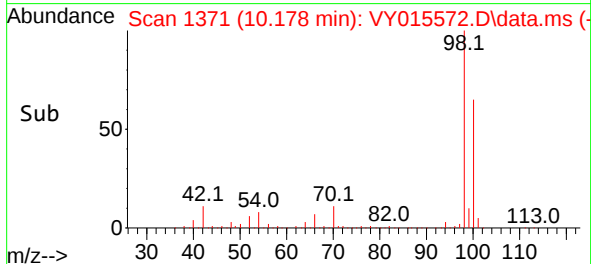
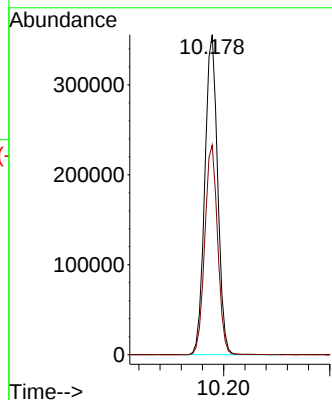
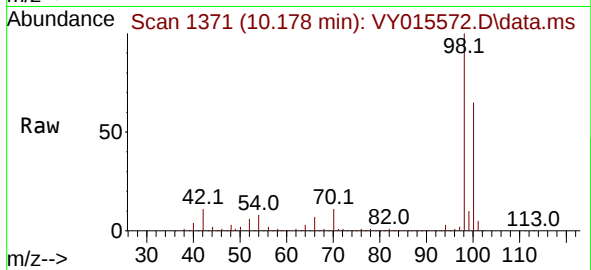
WC-1

Tgt Ion: 98 Resp: 595429

Ion Ratio Lower Upper

98 100

100 65.8 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 52.045 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VY015572.D

Acq: 15 Sep 2023 16:15

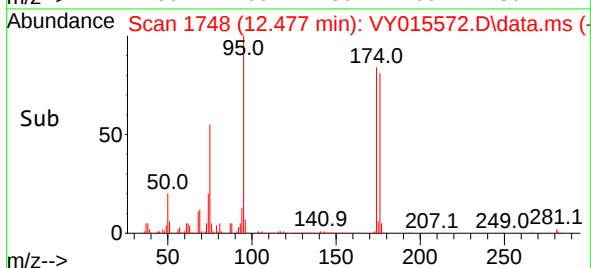
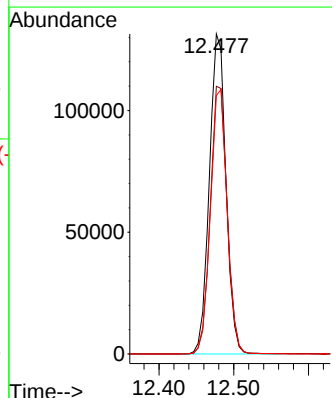
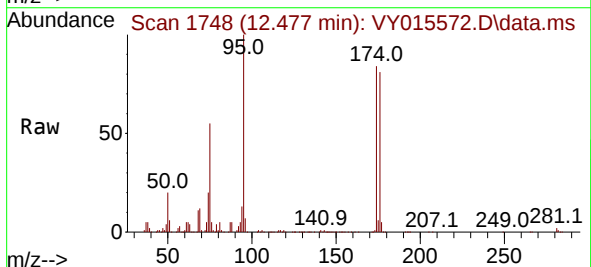
Tgt Ion: 95 Resp: 202798

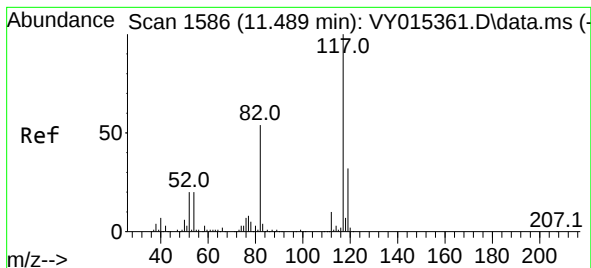
Ion Ratio Lower Upper

95 100

174 85.3 0.0 178.2

176 83.1 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: VY015572.D

Acq: 15 Sep 2023 16:15

Instrument :

MSVOA_Y

ClientSampleId :

WC-1

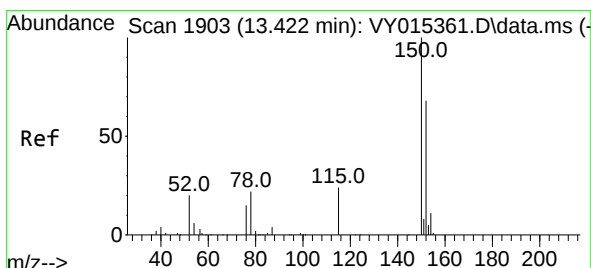
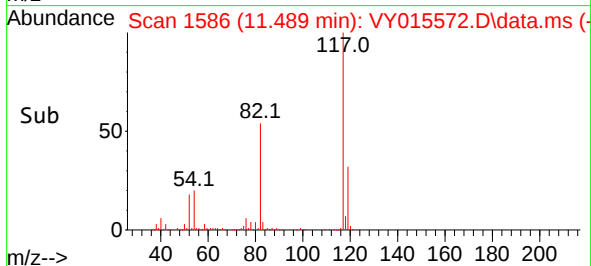
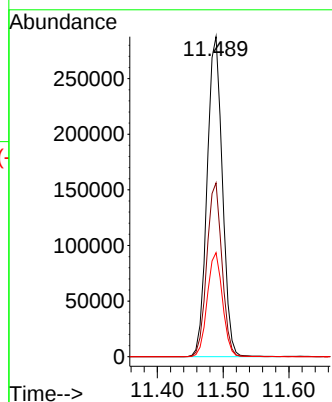
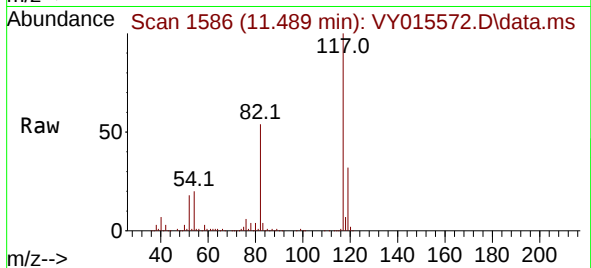
Tgt Ion:117 Resp: 464213

Ion Ratio Lower Upper

117 100

82 54.3 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: VY015572.D

Acq: 15 Sep 2023 16:15

Tgt Ion:152 Resp: 211131

Ion Ratio Lower Upper

152 100

115 58.2 28.8 86.5

150 157.7 0.0 348.8

