

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091823\
 Data File : VY015615.D
 Acq On : 18 Sep 2023 15:25
 Operator : SY/MD
 Sample : 04435-04RE
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1RE

Quant Time: Sep 18 17:33:03 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)

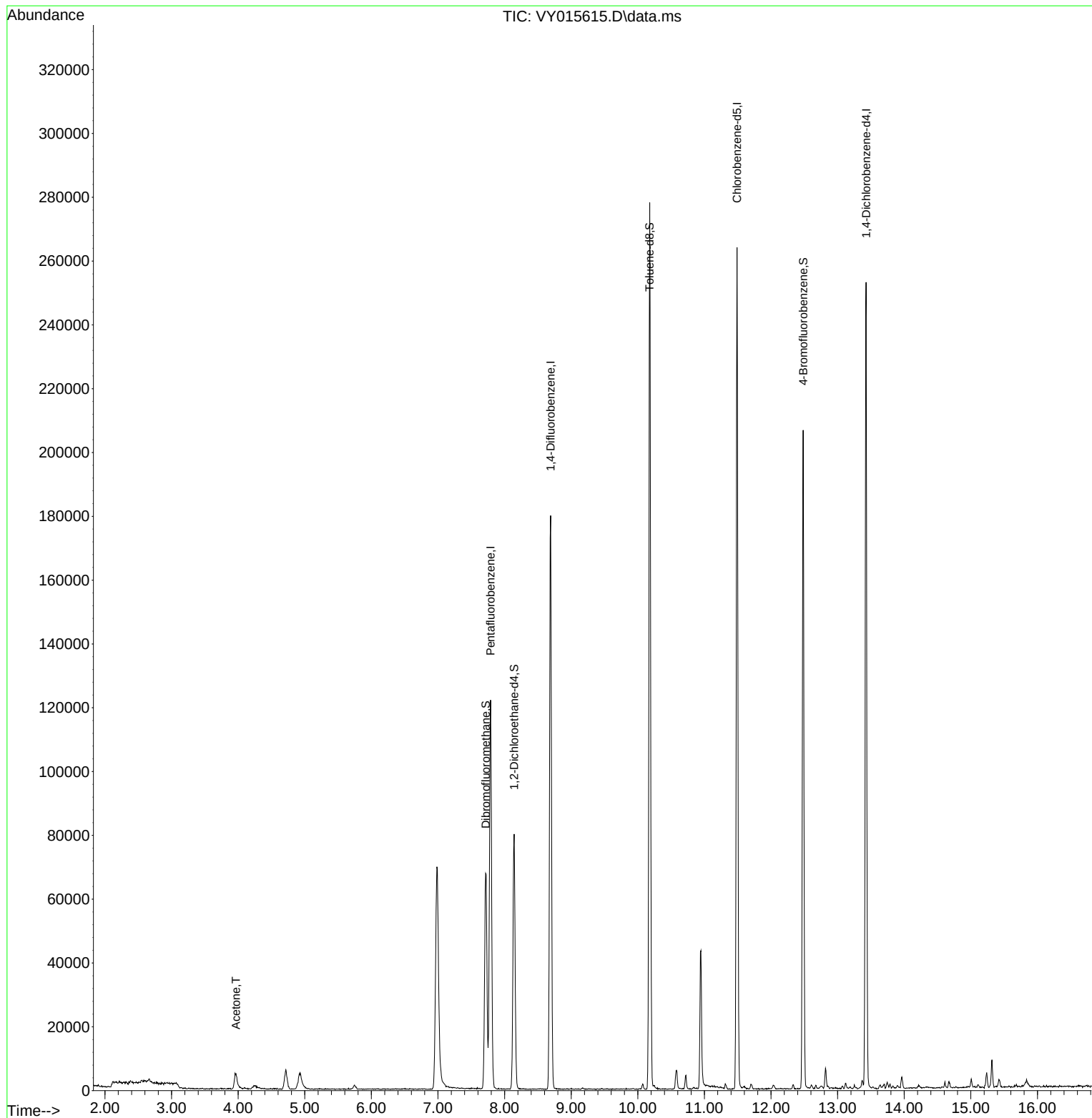
Internal Standards						
1) Pentafluorobenzene	7.789	168	94945	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	156291	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	142602	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	65364	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	61893	60.811	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.620%
35) Dibromofluoromethane	7.715	113	49443	54.924	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.840%
50) Toluene-d8	10.178	98	179525	55.070	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	110.140%
62) 4-Bromofluorobenzene	12.483	95	61968	51.204	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.400%
Target Compounds						
16) Acetone	3.966	43	10192	23.991	ug/l	Qvalue 97

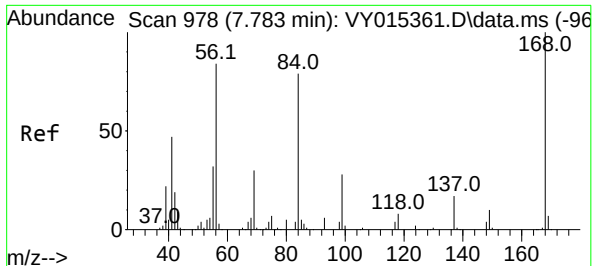
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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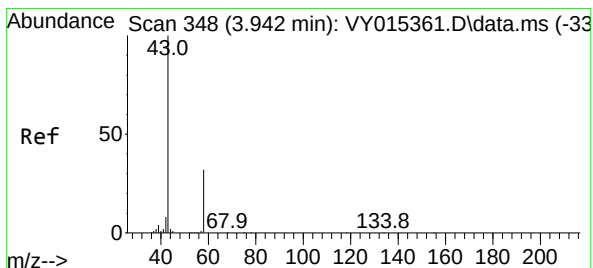
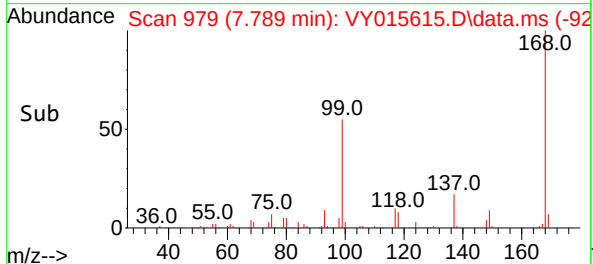
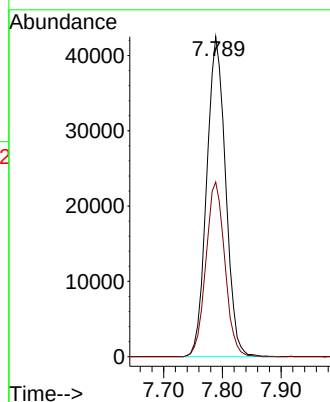
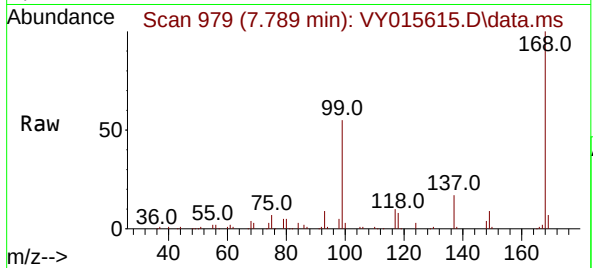




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015615.D
Acq: 18 Sep 2023 15:25

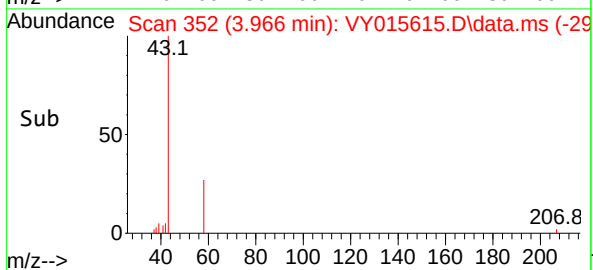
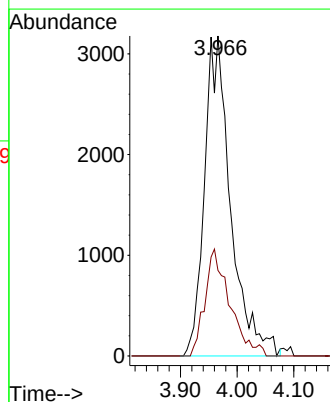
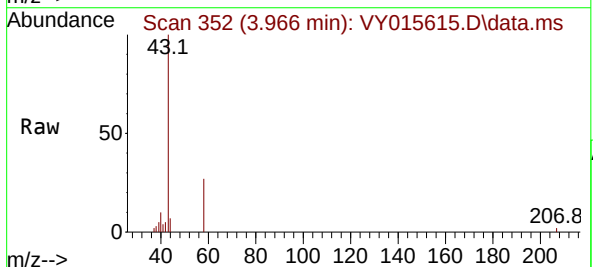
Instrument :
MSVOA_Y
ClientSampleId :
WC-1RE

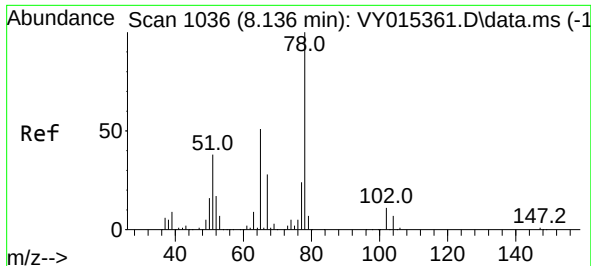
Tgt Ion:168 Resp: 94945
Ion Ratio Lower Upper
168 100
99 54.6 43.4 65.0



#16
Acetone
Concen: 23.991 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.024 min
Lab File: VY015615.D
Acq: 18 Sep 2023 15:25

Tgt Ion: 43 Resp: 10192
Ion Ratio Lower Upper
43 100
58 26.7 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 60.811 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY015615.D

Acq: 18 Sep 2023 15:25

Instrument :

MSVOA_Y

ClientSampleId :

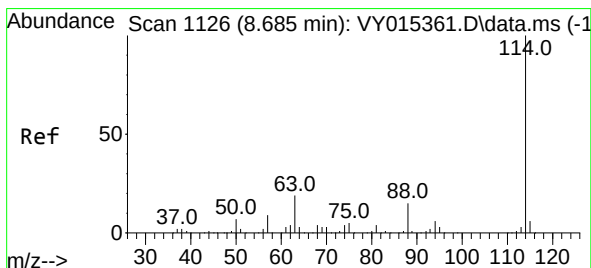
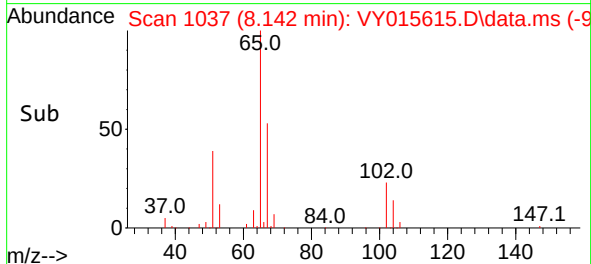
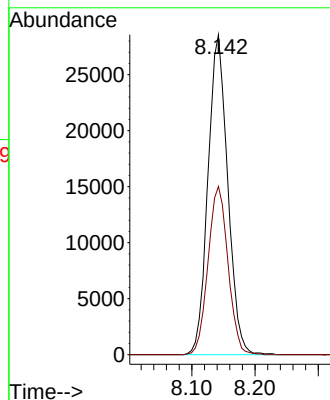
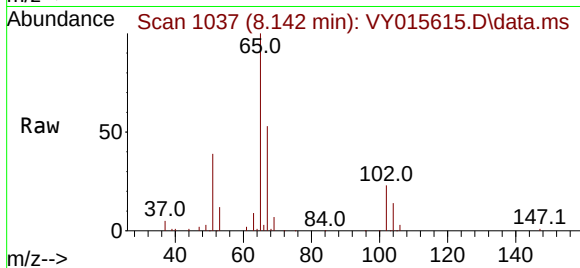
WC-1RE

Tgt Ion: 65 Resp: 61893

Ion Ratio Lower Upper

65 100

67 53.2 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015615.D

Acq: 18 Sep 2023 15:25

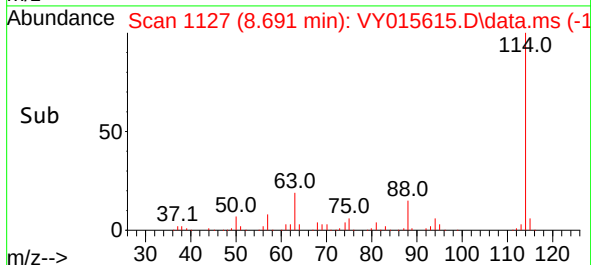
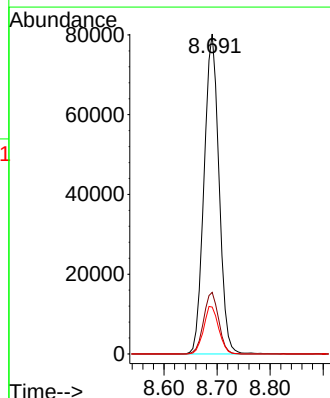
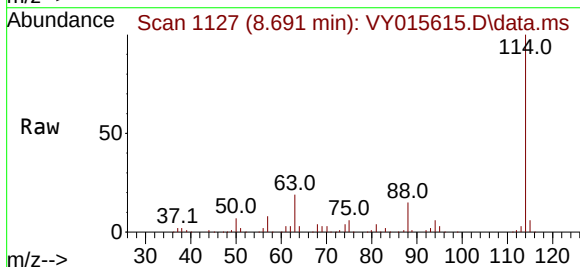
Tgt Ion: 114 Resp: 156291

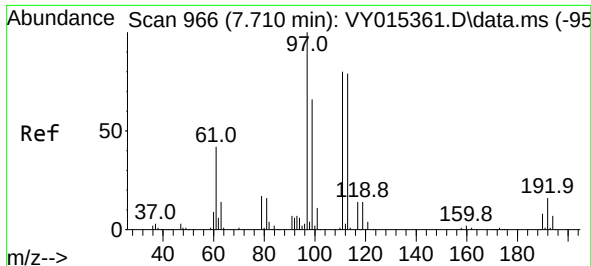
Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

88 14.7 0.0 30.6

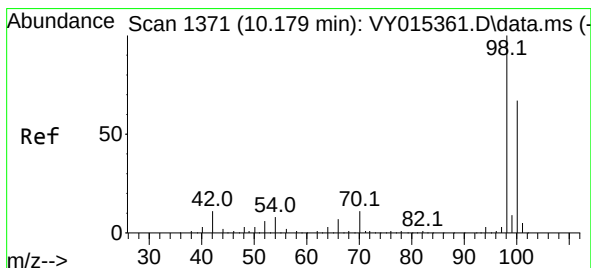
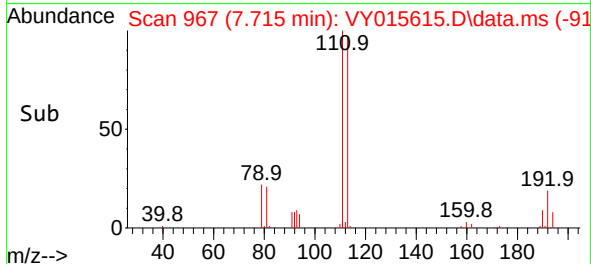
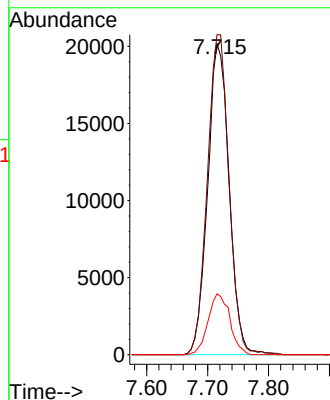
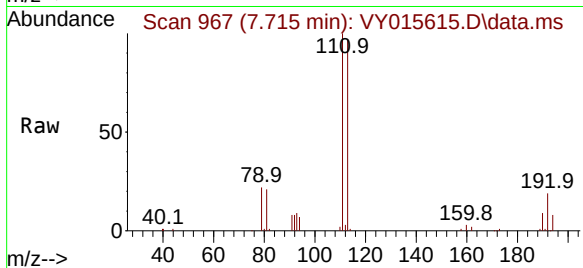




#35
Dibromofluoromethane
Concen: 54.924 ug/l
RT: 7.715 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY015615.D
Acq: 18 Sep 2023 15:25

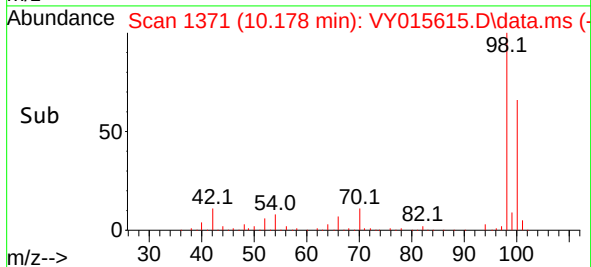
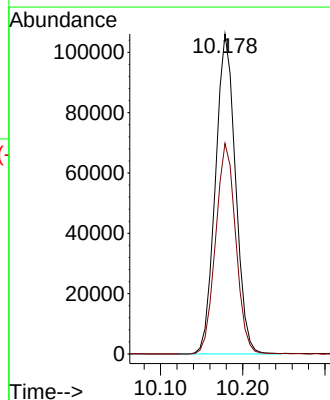
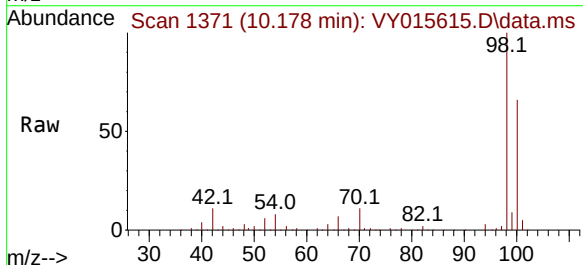
Instrument :
MSVOA_Y
ClientSampleId :
WC-1RE

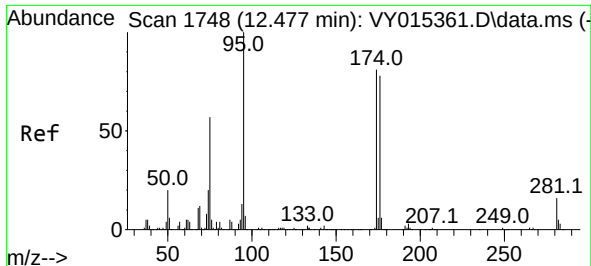
Tgt Ion:113 Resp: 49443
Ion Ratio Lower Upper
113 100
111 103.6 81.3 121.9
192 19.9 16.9 25.3



#50
Toluene-d8
Concen: 55.070 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015615.D
Acq: 18 Sep 2023 15:25

Tgt Ion: 98 Resp: 179525
Ion Ratio Lower Upper
98 100
100 66.1 50.1 75.1





#62

4-Bromofluorobenzene

Concen: 51.204 ug/l

RT: 12.483 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015615.D

Acq: 18 Sep 2023 15:25

Instrument :

MSVOA_Y

ClientSampleId :

WC-1RE

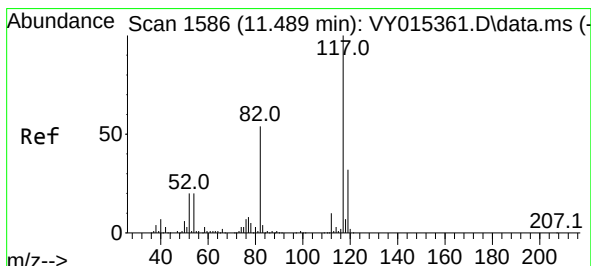
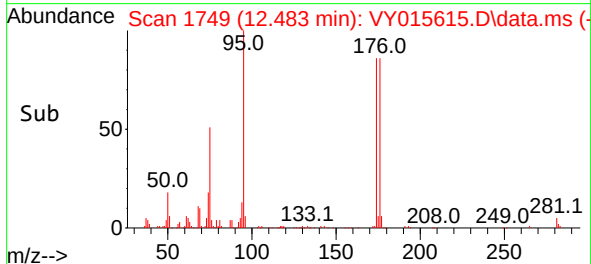
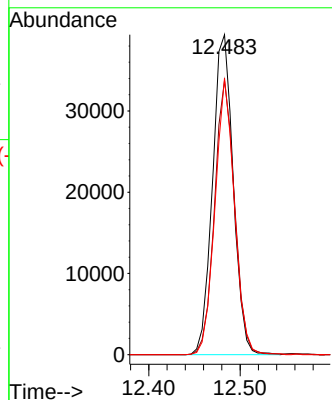
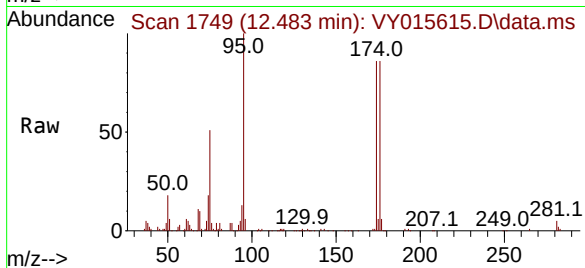
Tgt Ion: 95 Resp: 61968

Ion Ratio Lower Upper

95 100

174 83.6 0.0 178.2

176 81.2 0.0 173.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. -0.000 min

Lab File: VY015615.D

Acq: 18 Sep 2023 15:25

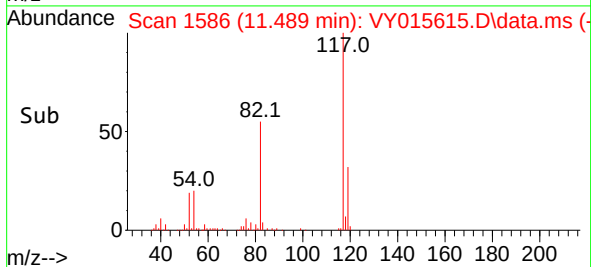
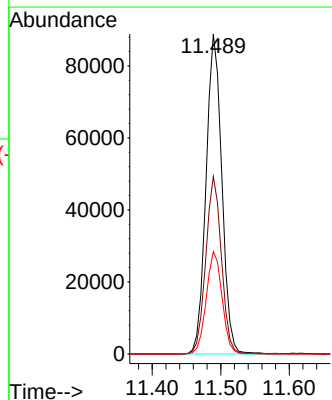
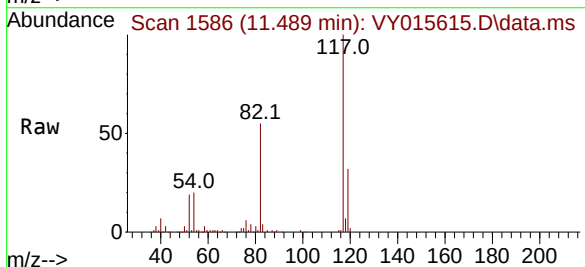
Tgt Ion: 117 Resp: 142602

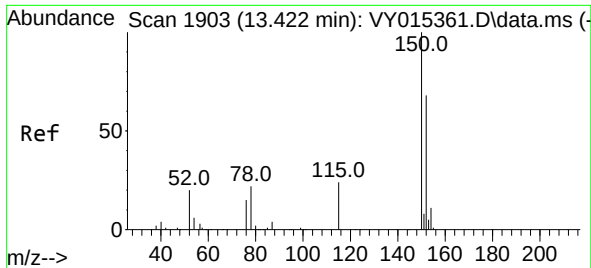
Ion Ratio Lower Upper

117 100

82 55.5 43.4 65.0

119 31.9 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015615.D

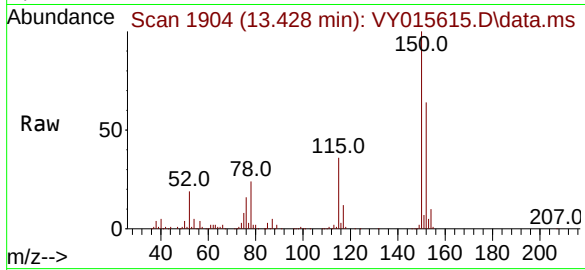
Acq: 18 Sep 2023 15:25

Instrument :

MSVOA_Y

ClientSampleId :

WC-1RE



Tgt Ion:152 Resp: 65364

Ion Ratio Lower Upper

152 100

115 57.7 28.8 86.5

150 157.9 0.0 348.8

