

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090123\
 Data File : VY015409.D
 Acq On : 01 Sep 2023 12:47
 Operator : SY/MD
 Sample : 04249-01RE
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-02-083023RE

Quant Time: Sep 01 23:30:19 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)

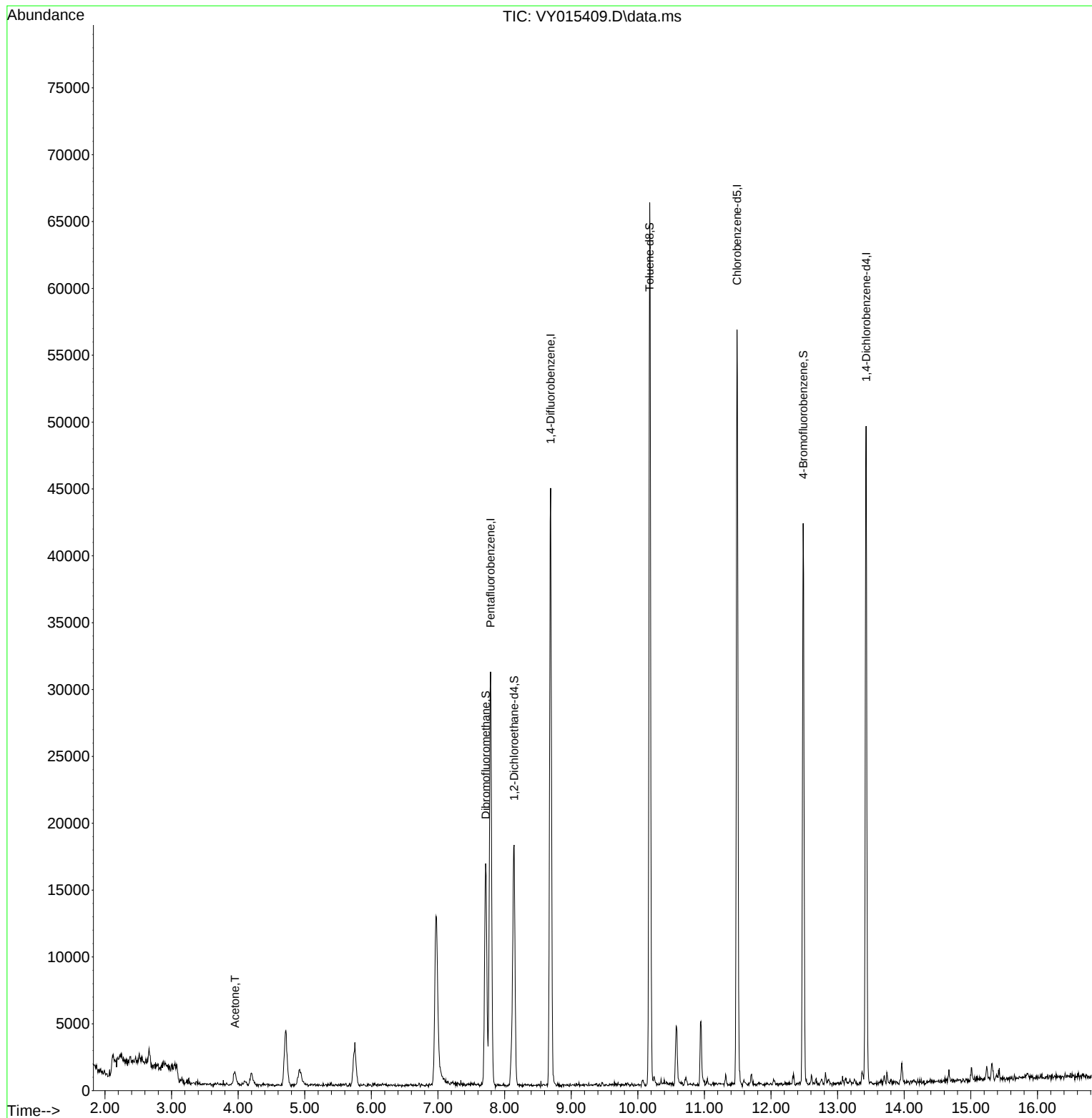
Internal Standards						
1) Pentafluorobenzene	7.789	168	25312	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	38688	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	31435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	13250	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	13328	49.119	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.240%
35) Dibromofluoromethane	7.716	113	12281	55.113	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.220%
50) Toluene-d8	10.179	98	43517	53.927	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.860%
62) 4-Bromofluorobenzene	12.483	95	12465	41.609	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.220%
Target Compounds						
16) Acetone	3.954	43	1990	17.571	ug/l	Qvalue 90

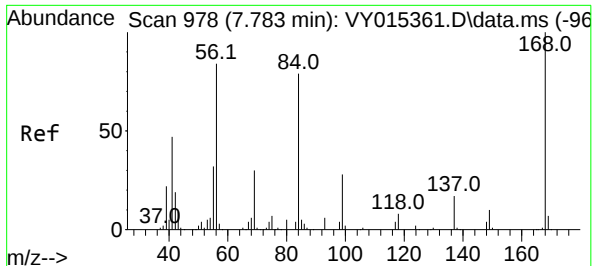
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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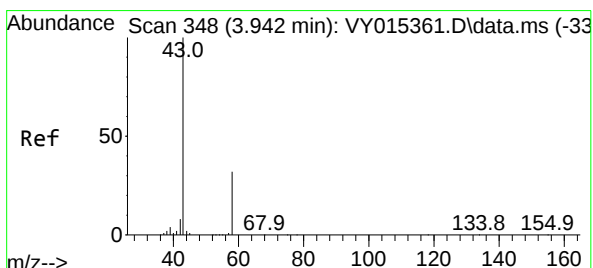
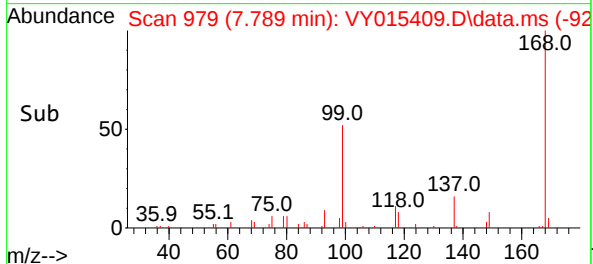
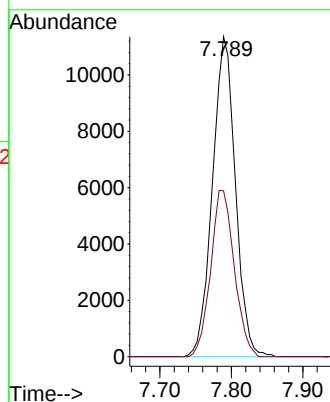
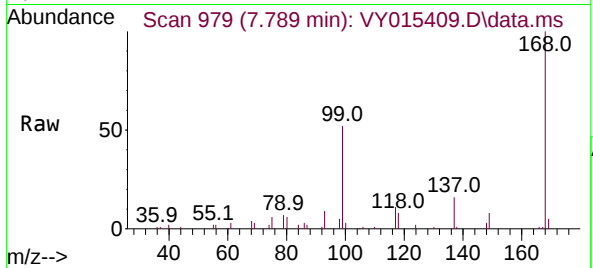




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015409.D
Acq: 01 Sep 2023 12:47

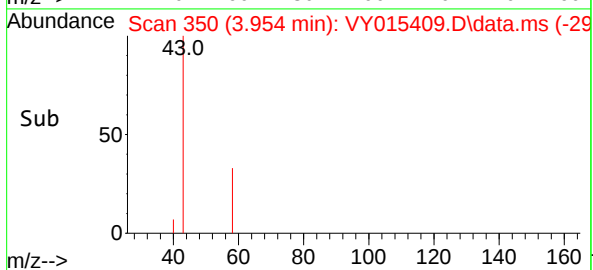
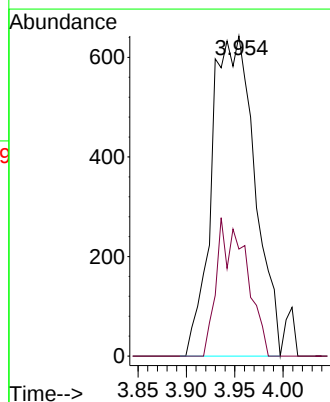
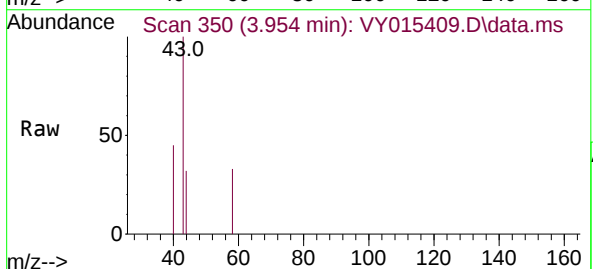
Instrument :
MSVOA_Y
ClientSampleId :
SU-02-083023RE

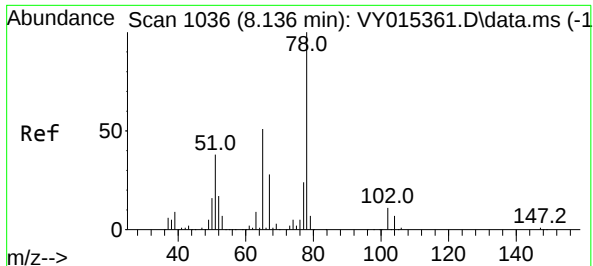
Tgt Ion:168 Resp: 25312
Ion Ratio Lower Upper
168 100
99 51.9 43.4 65.0



#16
Acetone
Concen: 17.571 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY015409.D
Acq: 01 Sep 2023 12:47

Tgt Ion: 43 Resp: 1990
Ion Ratio Lower Upper
43 100
58 33.4 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 49.119 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY015409.D

Acq: 01 Sep 2023 12:47

Instrument :

MSVOA_Y

ClientSampleId :

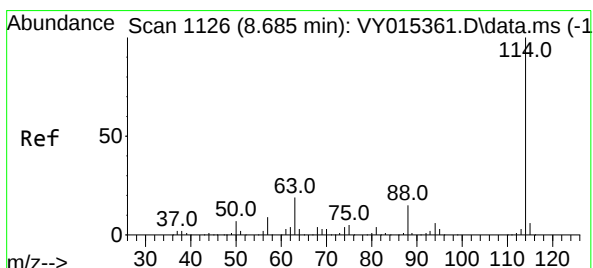
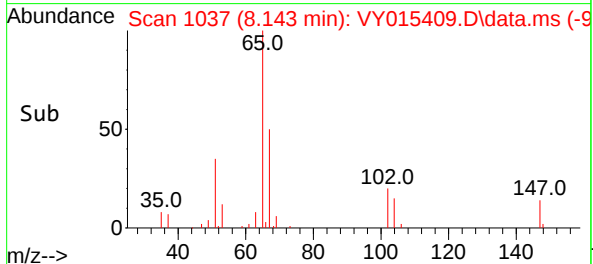
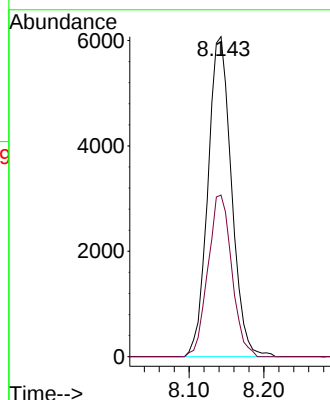
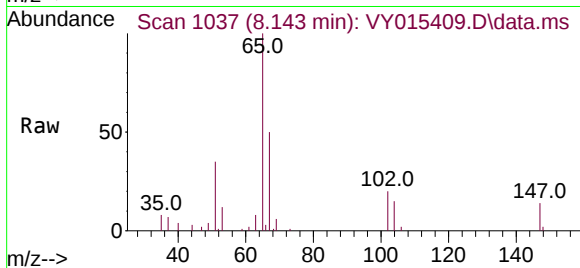
SU-02-083023RE

Tgt Ion: 65 Resp: 13328

Ion Ratio Lower Upper

65 100

67 50.9 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: VY015409.D

Acq: 01 Sep 2023 12:47

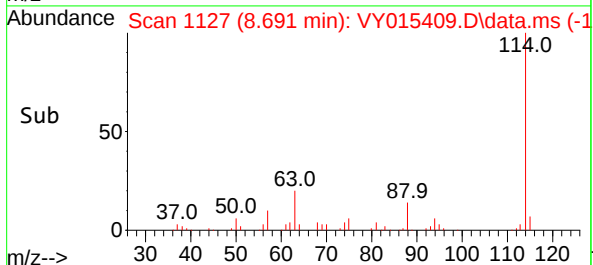
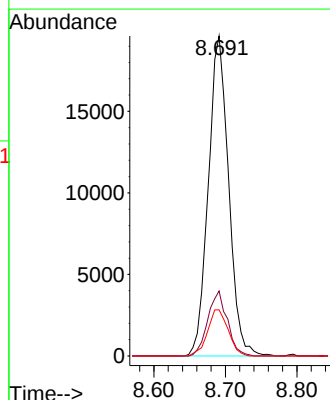
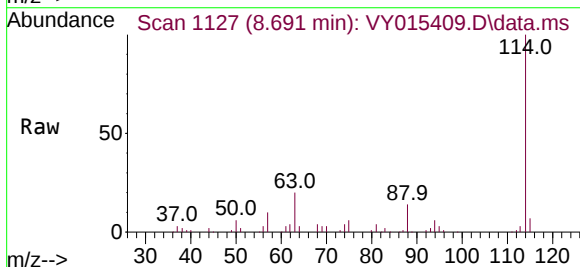
Tgt Ion: 114 Resp: 38688

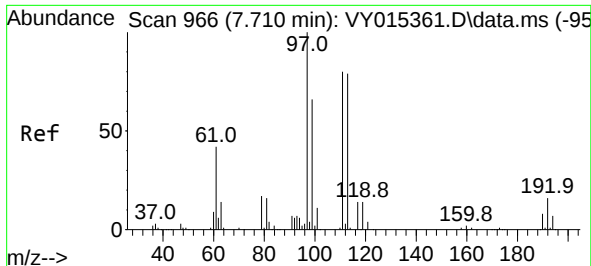
Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.4

88 14.4 0.0 30.6

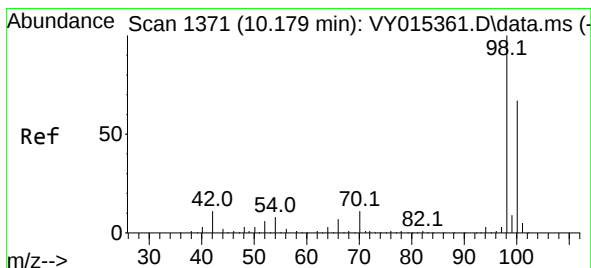
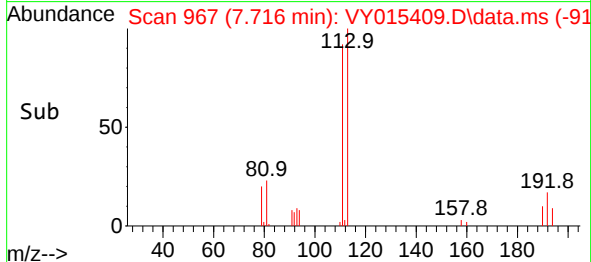
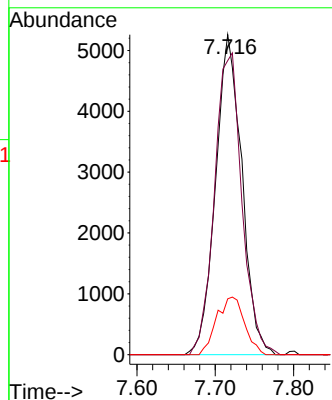
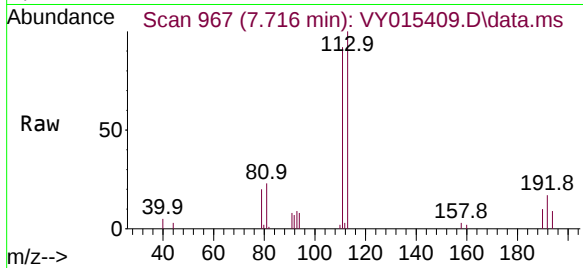




#35
Dibromofluoromethane
Concen: 55.113 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015409.D
Acq: 01 Sep 2023 12:47

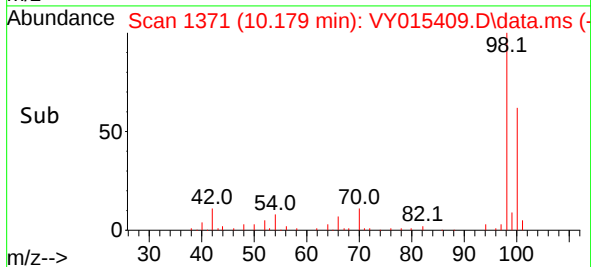
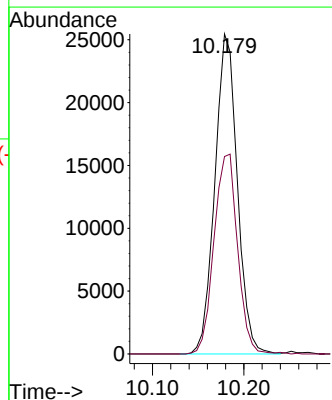
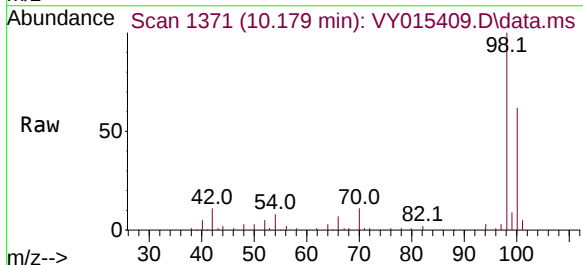
Instrument :
MSVOA_Y
ClientSampleId :
SU-02-083023RE

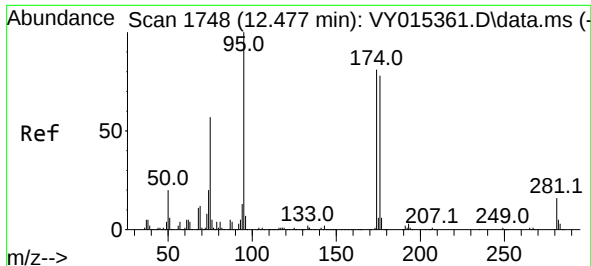
Tgt Ion:113 Resp: 12281
Ion Ratio Lower Upper
113 100
111 98.2 81.3 121.9
192 19.1 16.9 25.3



#50
Toluene-d8
Concen: 53.927 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015409.D
Acq: 01 Sep 2023 12:47

Tgt Ion: 98 Resp: 43517
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1





#62

4-Bromofluorobenzene

Concen: 41.609 ug/l

RT: 12.483 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015409.D

Acq: 01 Sep 2023 12:47

Instrument :

MSVOA_Y

ClientSampleId :

SU-02-083023RE

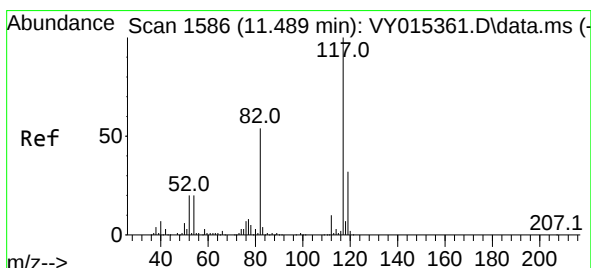
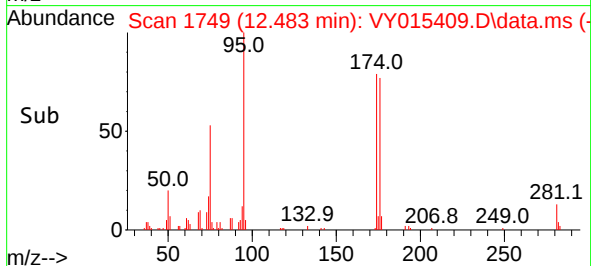
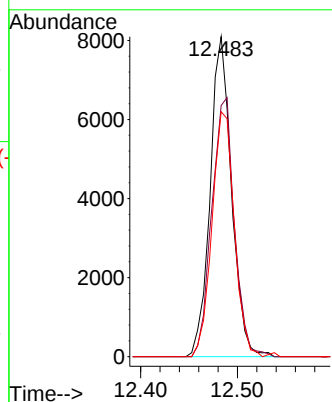
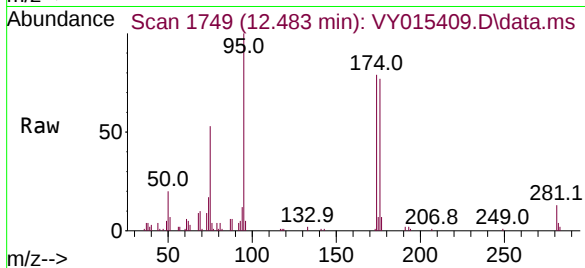
Tgt Ion: 95 Resp: 12465

Ion Ratio Lower Upper

95 100

174 85.4 0.0 178.2

176 79.4 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: VY015409.D

Acq: 01 Sep 2023 12:47

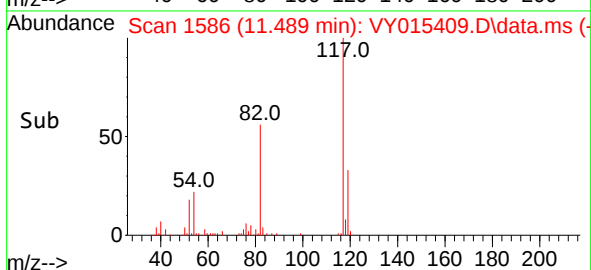
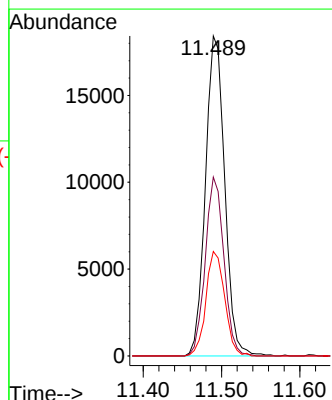
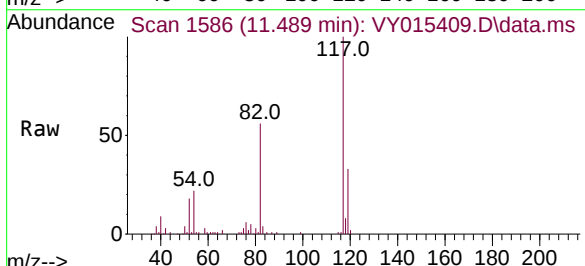
Tgt Ion: 117 Resp: 31435

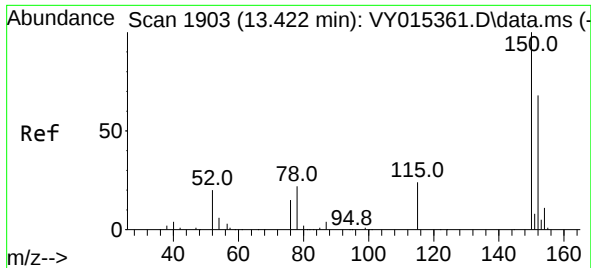
Ion Ratio Lower Upper

117 100

82 55.9 43.4 65.0

119 32.6 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: VY015409.D

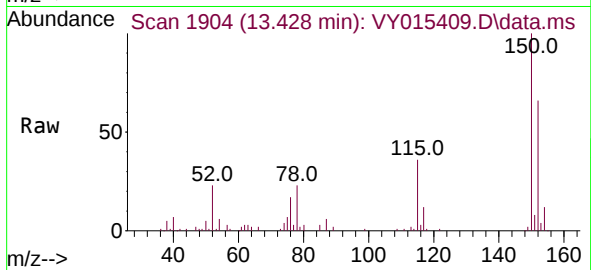
Acq: 01 Sep 2023 12:47

Instrument :

MSVOA_Y

ClientSampleId :

SU-02-083023RE



Tgt Ion:152 Resp: 13250

Ion Ratio Lower Upper

152 100

115 55.7 28.8 86.5

150 150.3 0.0 348.8

