

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091823\
 Data File : VY015619.D
 Acq On : 18 Sep 2023 16:59
 Operator : SY/MD
 Sample : 04419-13
 Misc : 6.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-06(33-35)

Quant Time: Sep 19 02:04:40 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)

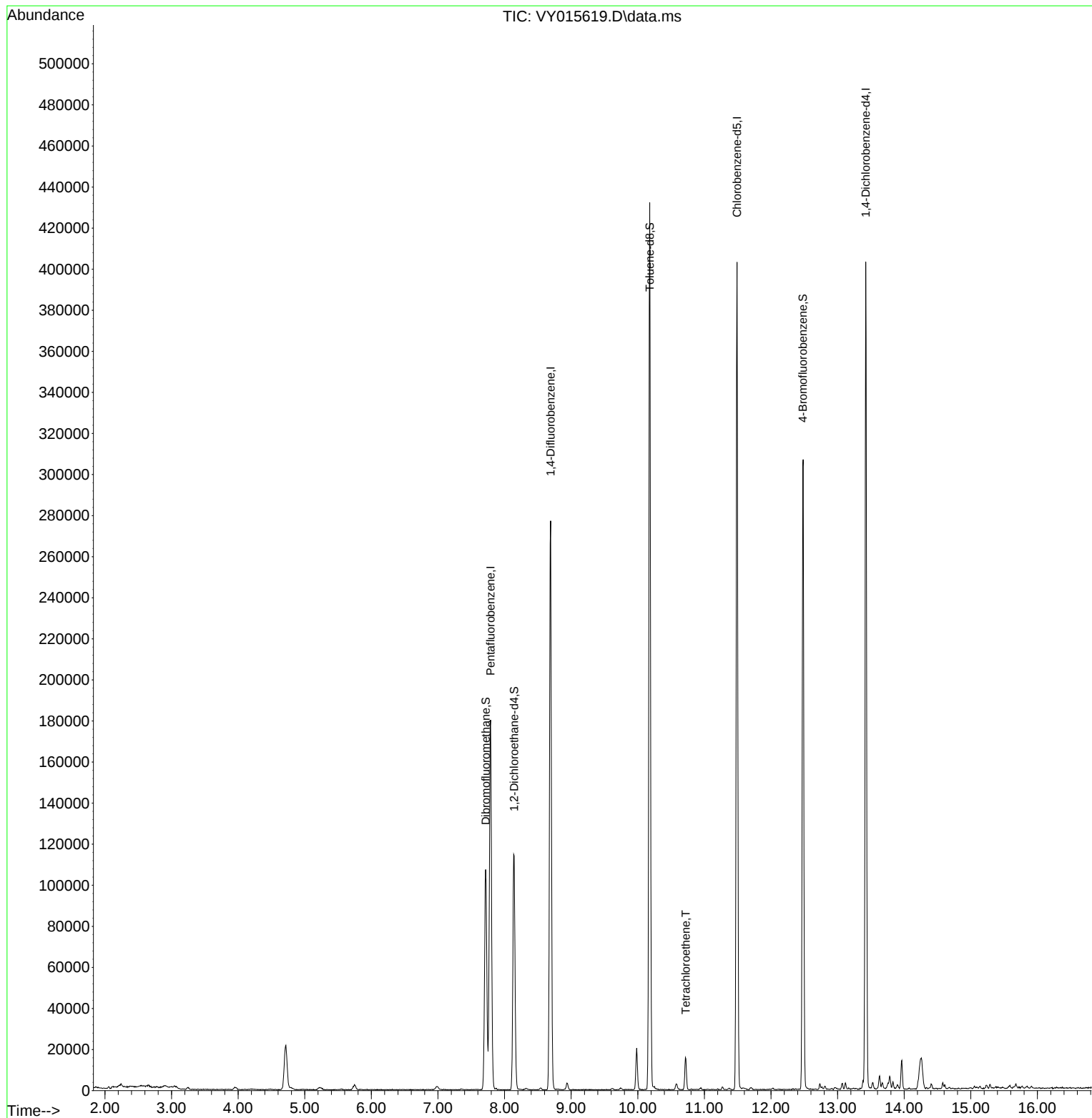
Internal Standards						
1) Pentafluorobenzene	7.789	168	140241	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	239978	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	218684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	100695	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	90326	60.083	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.160%	
35) Dibromofluoromethane	7.716	113	75921	54.927	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.860%	
50) Toluene-d8	10.179	98	280562	56.050	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.100%	
62) 4-Bromofluorobenzene	12.477	95	94357	50.778	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.560%	
Target Compounds						
64) Tetrachloroethene	10.721	164	2908	1.465	ug/l	Qvalue 97

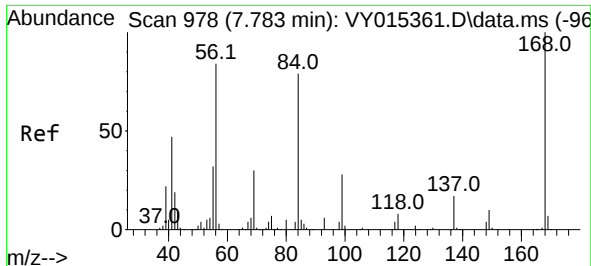
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091823\
Data File : VY015619.D
Acq On : 18 Sep 2023 16:59
Operator : SY/MD
Sample : 04419-13
Misc : 6.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DB-06(33-35)

Quant Time: Sep 19 02:04:40 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

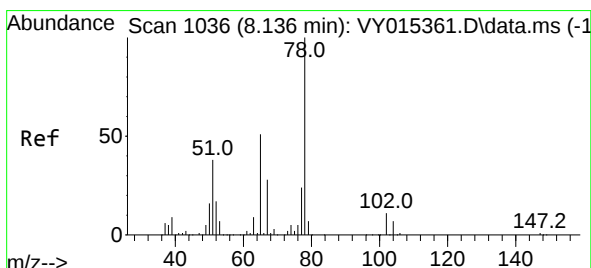
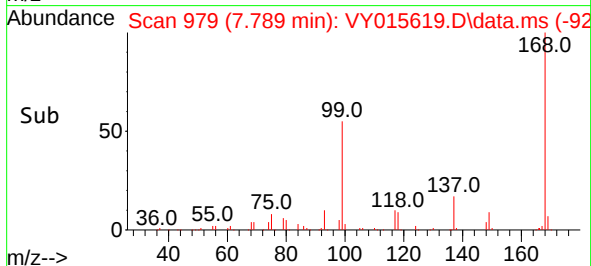
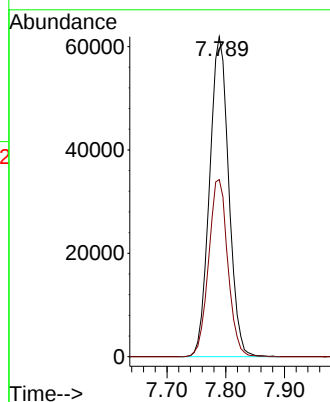
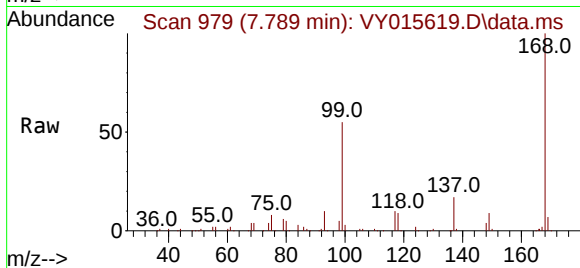




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015619.D
Acq: 18 Sep 2023 16:59

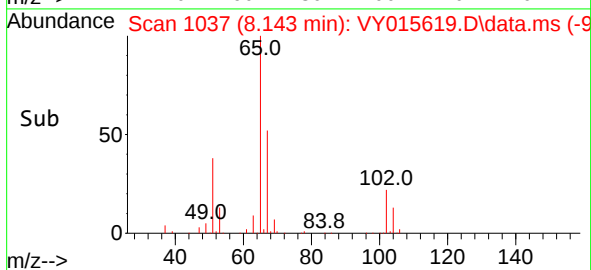
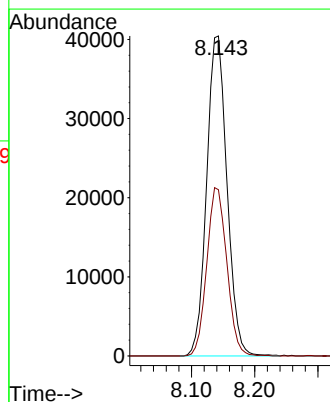
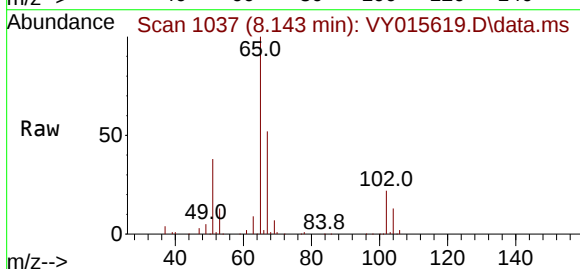
Instrument :
MSVOA_Y
ClientSampleId :
DB-06(33-35)

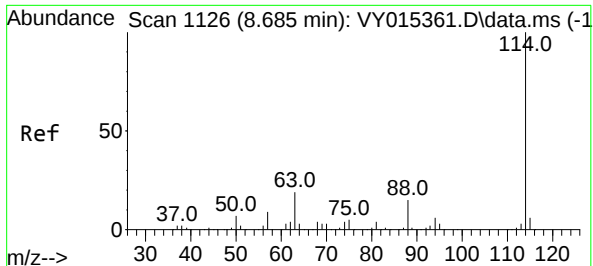
Tgt Ion:168 Resp: 140241
Ion Ratio Lower Upper
168 100
99 55.4 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 60.083 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015619.D
Acq: 18 Sep 2023 16:59

Tgt Ion: 65 Resp: 90326
Ion Ratio Lower Upper
65 100
67 51.8 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: VY015619.D

Acq: 18 Sep 2023 16:59

Instrument :

MSVOA_Y

ClientSampleId :

DB-06(33-35)

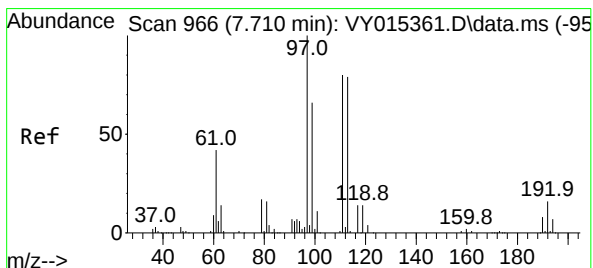
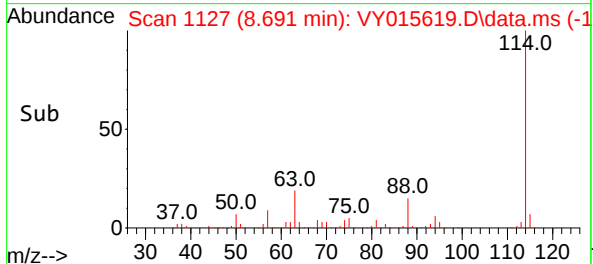
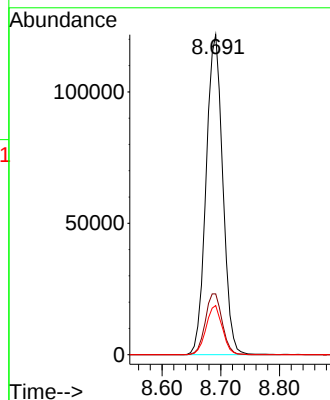
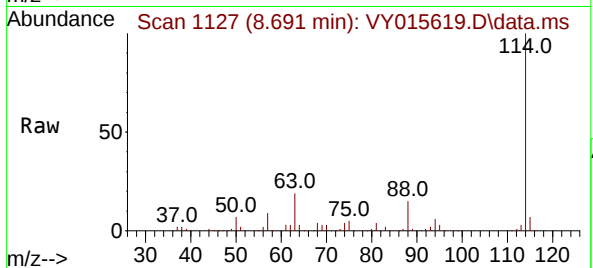
Tgt Ion:114 Resp: 239978

Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.927 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY015619.D

Acq: 18 Sep 2023 16:59

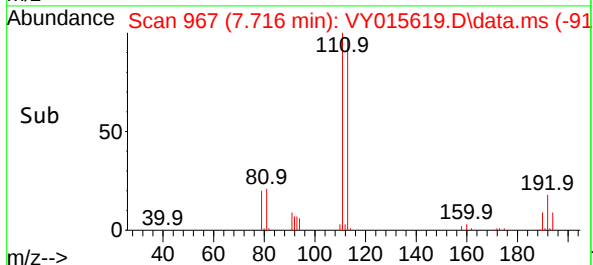
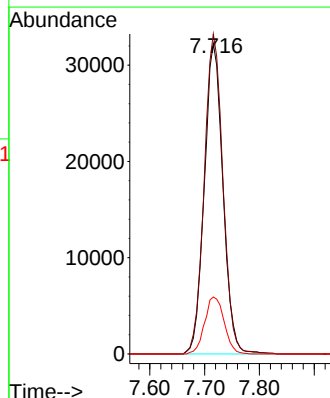
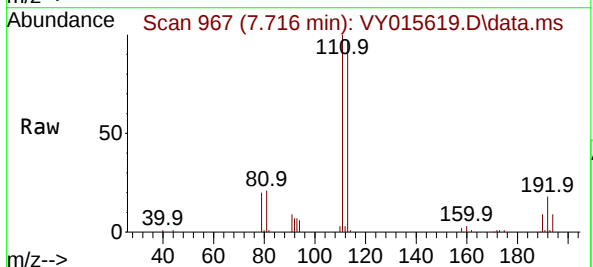
Tgt Ion:113 Resp: 75921

Ion Ratio Lower Upper

113 100

111 103.8 81.3 121.9

192 19.2 16.9 25.3

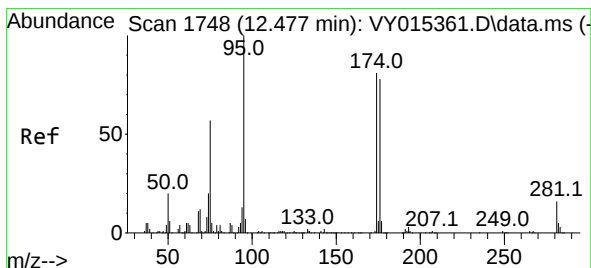
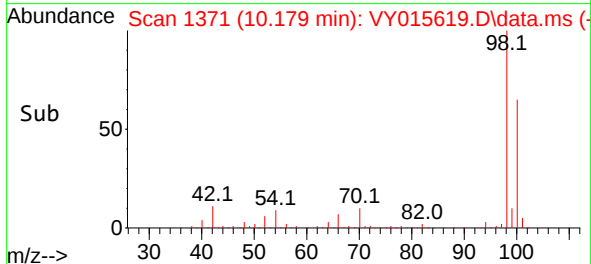
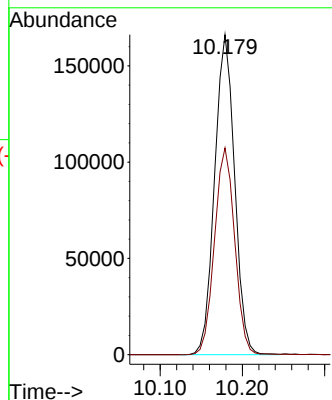
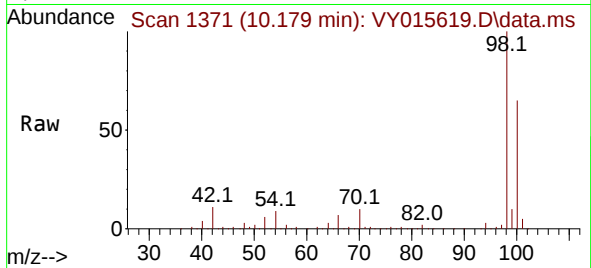




#50
Toluene-d8
Concen: 56.050 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015619.D
Acq: 18 Sep 2023 16:59

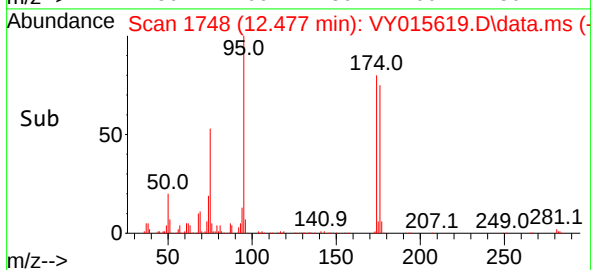
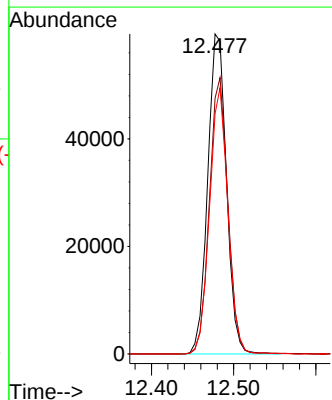
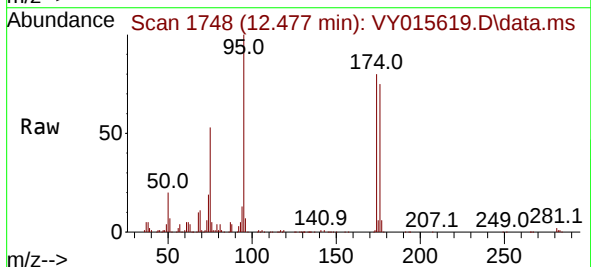
Instrument :
MSVOA_Y
ClientSampleId :
DB-06(33-35)

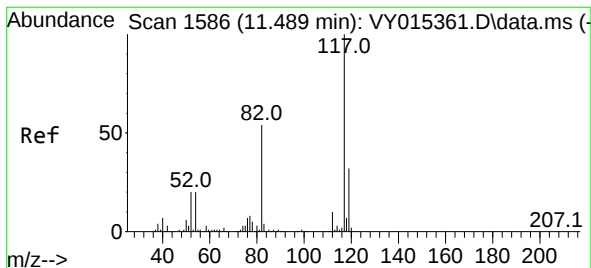
Tgt Ion: 98 Resp: 280562
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 50.778 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015619.D
Acq: 18 Sep 2023 16:59

Tgt Ion: 95 Resp: 94357
Ion Ratio Lower Upper
95 100
174 85.1 0.0 178.2
176 81.6 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: VY015619.D

Acq: 18 Sep 2023 16:59

Instrument :

MSVOA_Y

ClientSampleId :

DB-06(33-35)

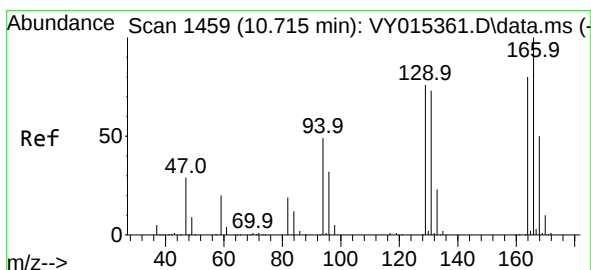
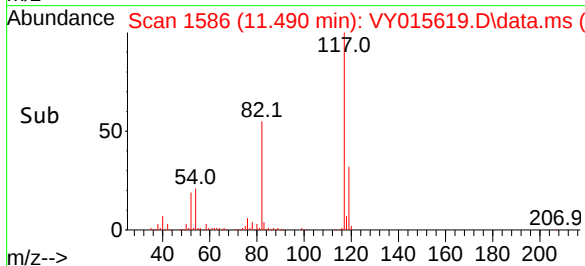
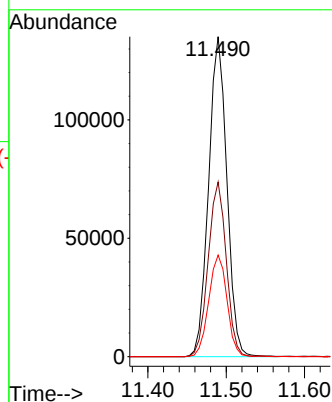
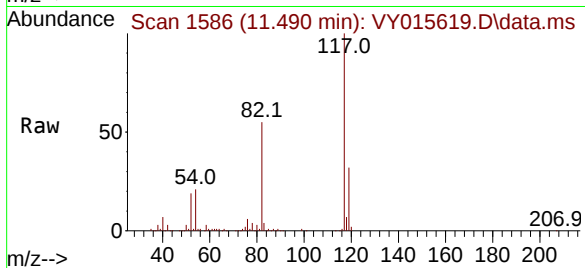
Tgt Ion:117 Resp: 218684

Ion Ratio Lower Upper

117 100

82 54.6 43.4 65.0

119 31.8 26.3 39.5



#64

Tetrachloroethene

Concen: 1.465 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY015619.D

Acq: 18 Sep 2023 16:59

Tgt Ion:164 Resp: 2908

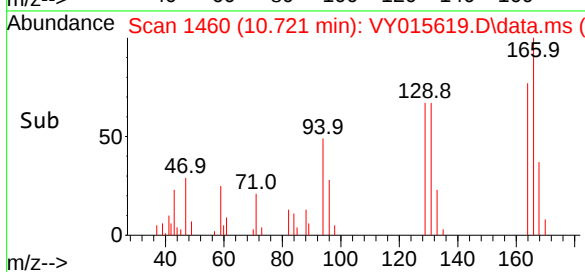
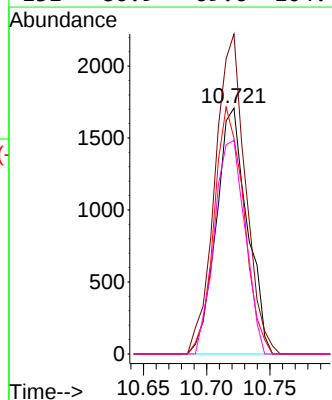
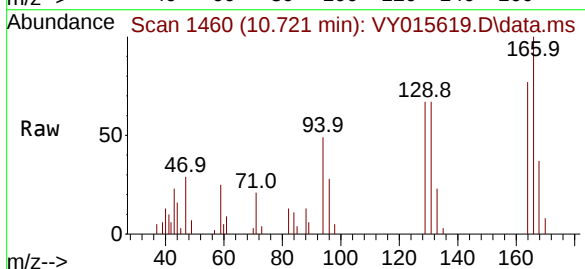
Ion Ratio Lower Upper

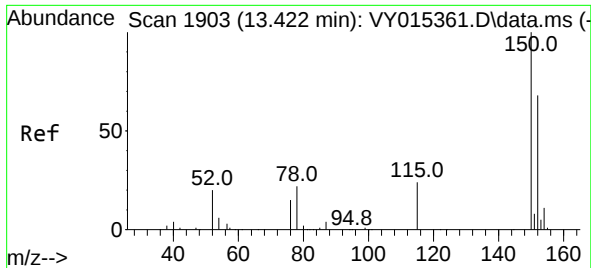
164 100

166 130.2 103.0 154.6

129 87.7 77.2 115.8

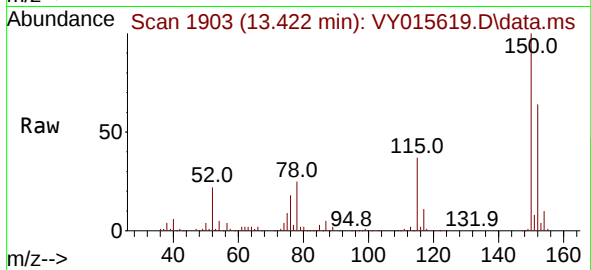
131 86.9 69.6 104.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY015619.D
 Acq: 18 Sep 2023 16:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-06(33-35)



Tgt Ion:152 Resp: 100695
 Ion Ratio Lower Upper
 152 100
 115 57.7 28.8 86.5
 150 158.8 0.0 348.8

