

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042523\
 Data File : VY013446.D
 Acq On : 25 Apr 2023 15:06
 Operator : KP/MD
 Sample : 02477-02
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MID-H4(ELEV-22)

Quant Time: Apr 26 02:50:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

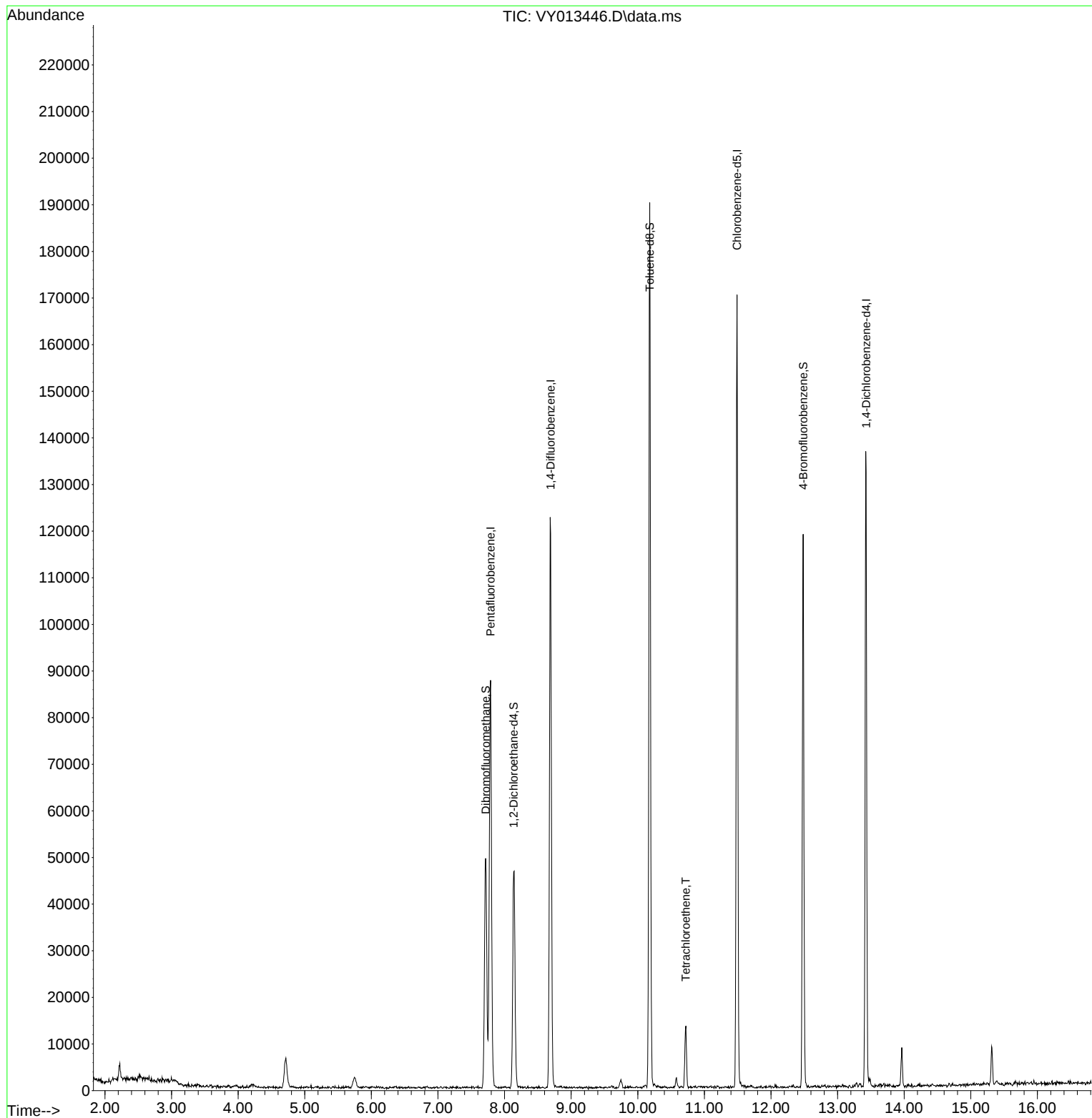
Internal Standards						
1) Pentafluorobenzene	7.789	168	67445	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	101039	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	90581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	35480	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	38863	52.564	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.120%	
35) Dibromofluoromethane	7.716	113	35070	55.186	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.380%	
50) Toluene-d8	10.179	98	122974	54.397	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.800%	
62) 4-Bromofluorobenzene	12.483	95	32438	42.562	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 85.120%	
Target Compounds						Qvalue
64) Tetrachloroethene	10.721	164	2955	4.290	ug/l	95

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

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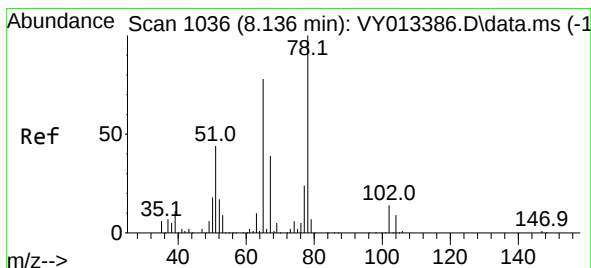
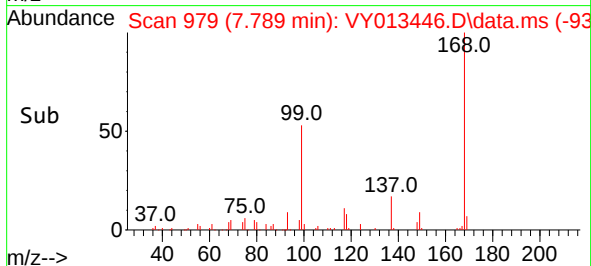
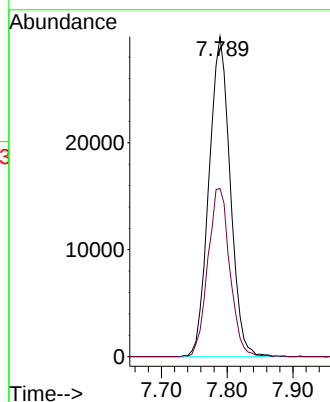
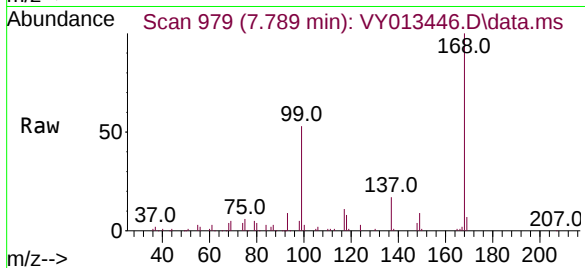




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013446.D
Acq: 25 Apr 2023 15:06

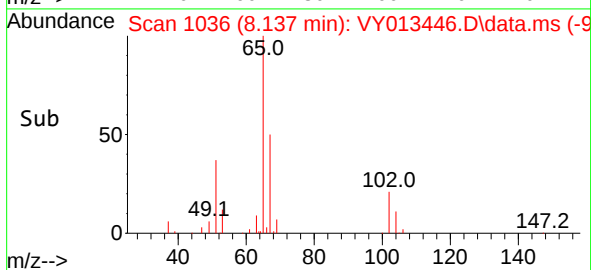
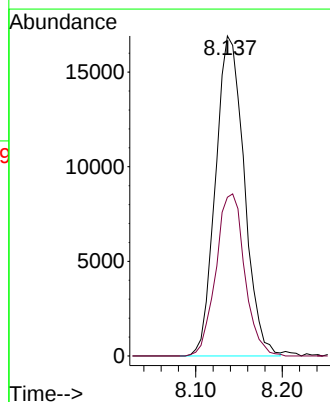
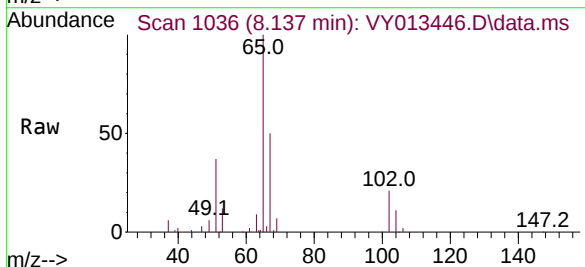
Instrument :
MSVOA_Y
ClientSampleId :
MID-H4(ELEV-22)

Tgt Ion:168 Resp: 67445
Ion Ratio Lower Upper
168 100
99 52.6 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 52.564 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY013446.D
Acq: 25 Apr 2023 15:06

Tgt Ion: 65 Resp: 38863
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013446.D

Acq: 25 Apr 2023 15:06

Instrument :

MSVOA_Y

ClientSampleId :

MID-H4(ELEV-22)

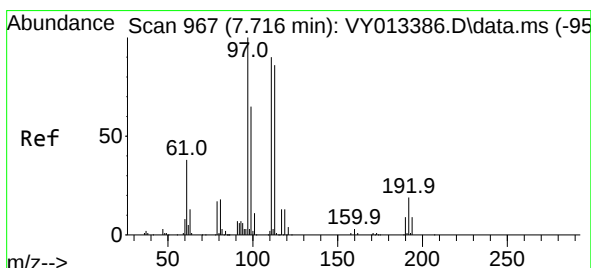
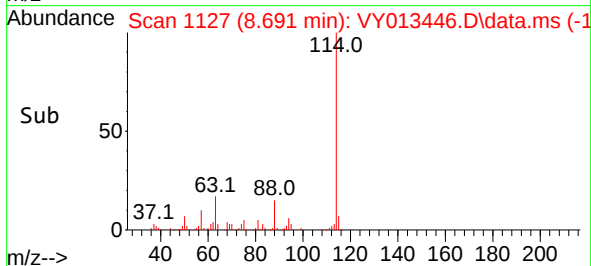
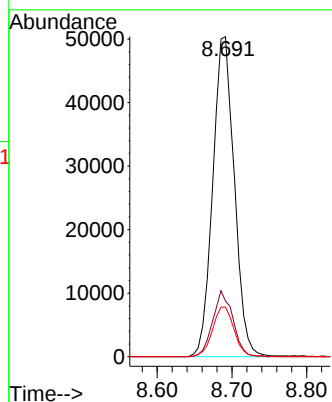
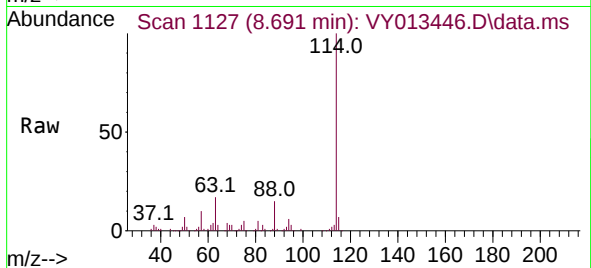
Tgt Ion:114 Resp: 101039

Ion Ratio Lower Upper

114 100

63 17.4 0.0 36.6

88 15.5 0.0 28.8



#35

Dibromofluoromethane

Concen: 55.186 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013446.D

Acq: 25 Apr 2023 15:06

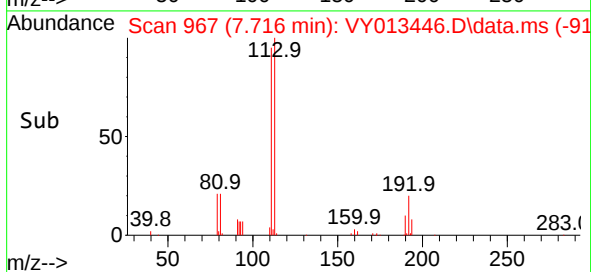
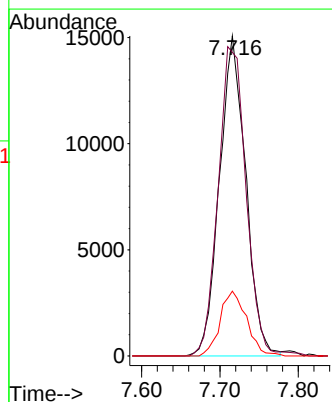
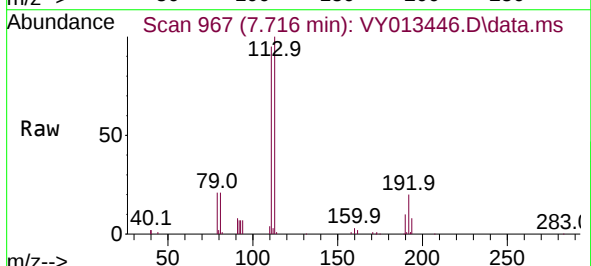
Tgt Ion:113 Resp: 35070

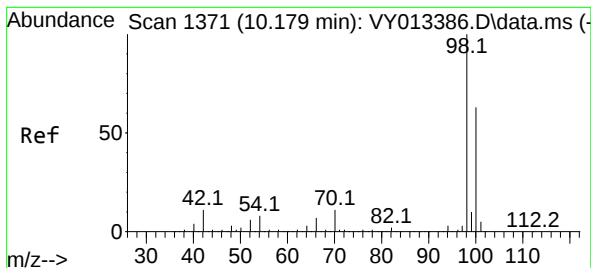
Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.2

192 20.5 16.7 25.1

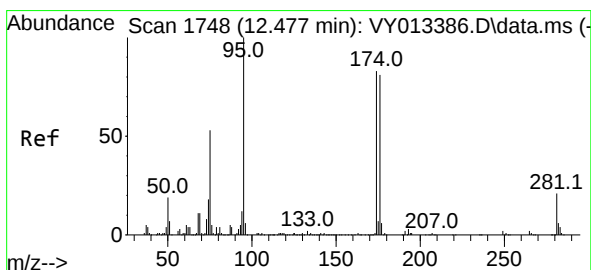
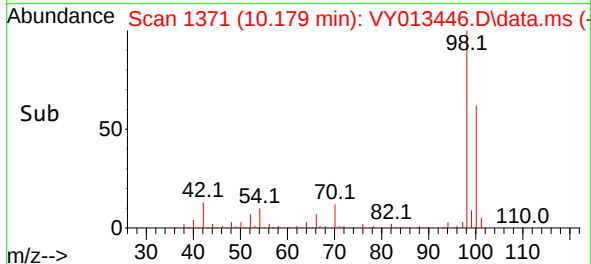
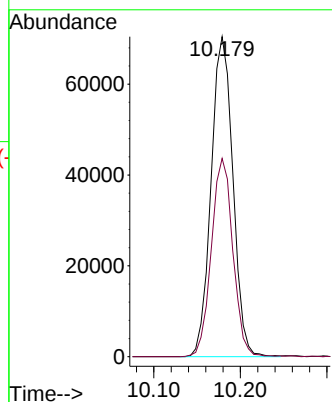
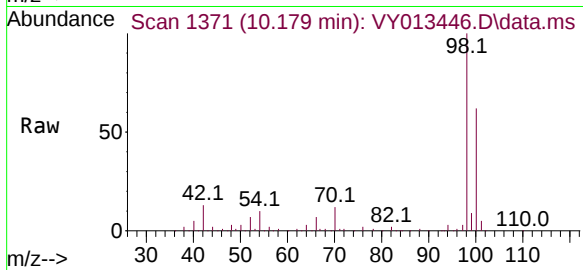




#50
Toluene-d8
Concen: 54.397 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013446.D
Acq: 25 Apr 2023 15:06

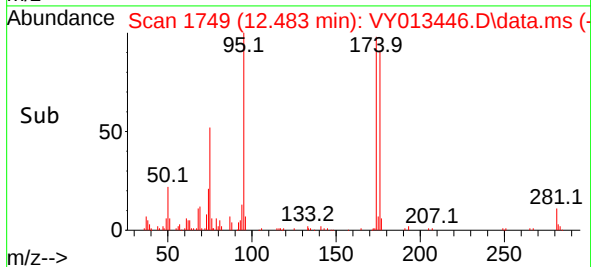
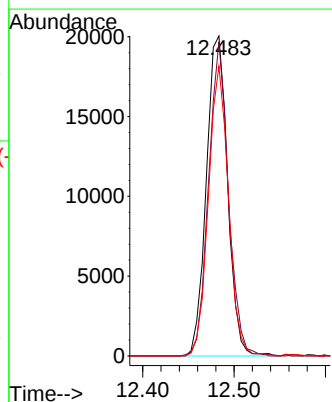
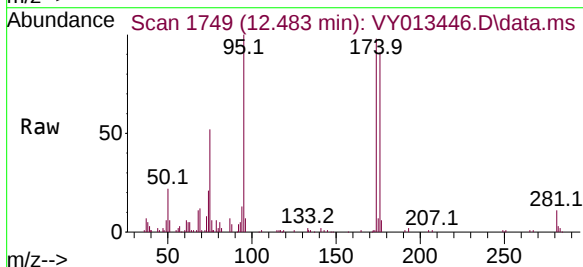
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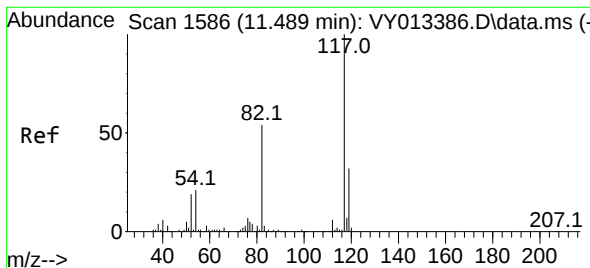
Tgt Ion: 98 Resp: 122974
Ion Ratio Lower Upper
98 100
100 61.2 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 42.562 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013446.D
Acq: 25 Apr 2023 15:06

Tgt Ion: 95 Resp: 32438
Ion Ratio Lower Upper
95 100
174 91.8 0.0 182.0
176 85.5 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY013446.D

Acq: 25 Apr 2023 15:06

Instrument :

MSVOA_Y

ClientSampleId :

MID-H4(ELEV-22)

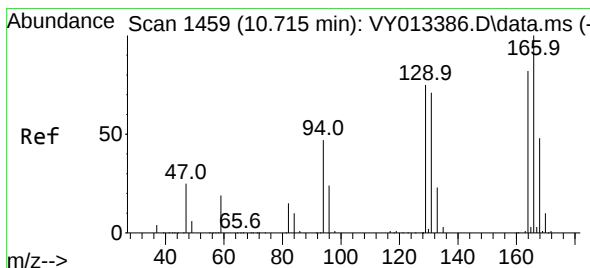
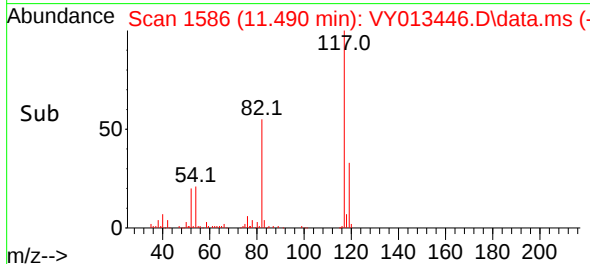
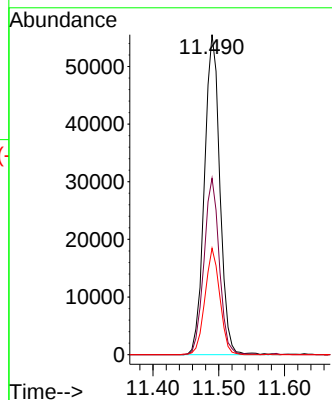
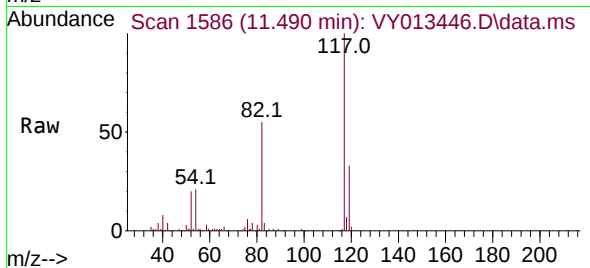
Tgt Ion:117 Resp: 90581

Ion Ratio Lower Upper

117 100

82 55.1 43.0 64.6

119 33.3 25.5 38.3



#64

Tetrachloroethene

Concen: 4.290 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY013446.D

Acq: 25 Apr 2023 15:06

Tgt Ion:164 Resp: 2955

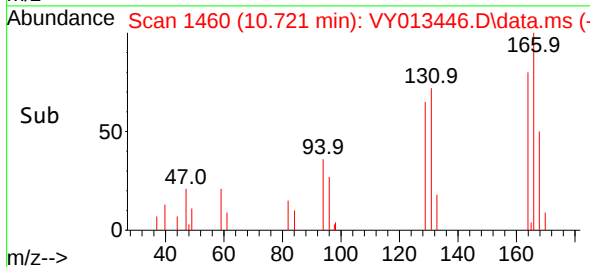
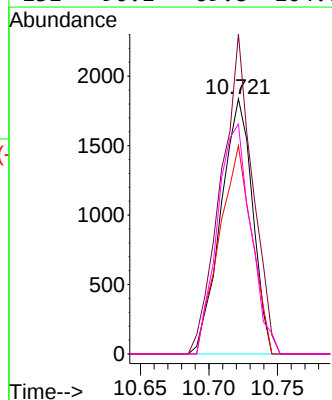
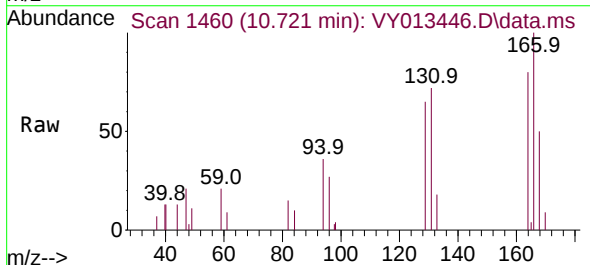
Ion Ratio Lower Upper

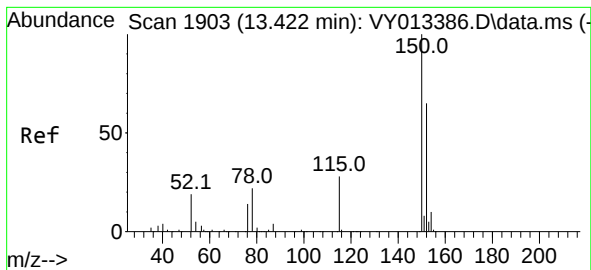
164 100

166 125.4 97.5 146.3

129 81.7 72.6 109.0

131 90.1 69.8 104.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY013446.D

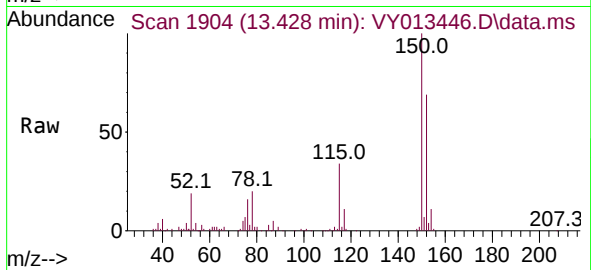
Acq: 25 Apr 2023 15:06

Instrument :

MSVOA_Y

ClientSampleId :

MID-H4(ELEV-22)



Tgt Ion:152 Resp: 35480

Ion Ratio Lower Upper

152 100

115 56.5 28.1 84.2

150 161.3 0.0 352.0

