

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052623\
 Data File : VY013906.D
 Acq On : 26 May 2023 20:17
 Operator : KP/MD
 Sample : 02955-09
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUP03

Quant Time: May 29 04:37:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

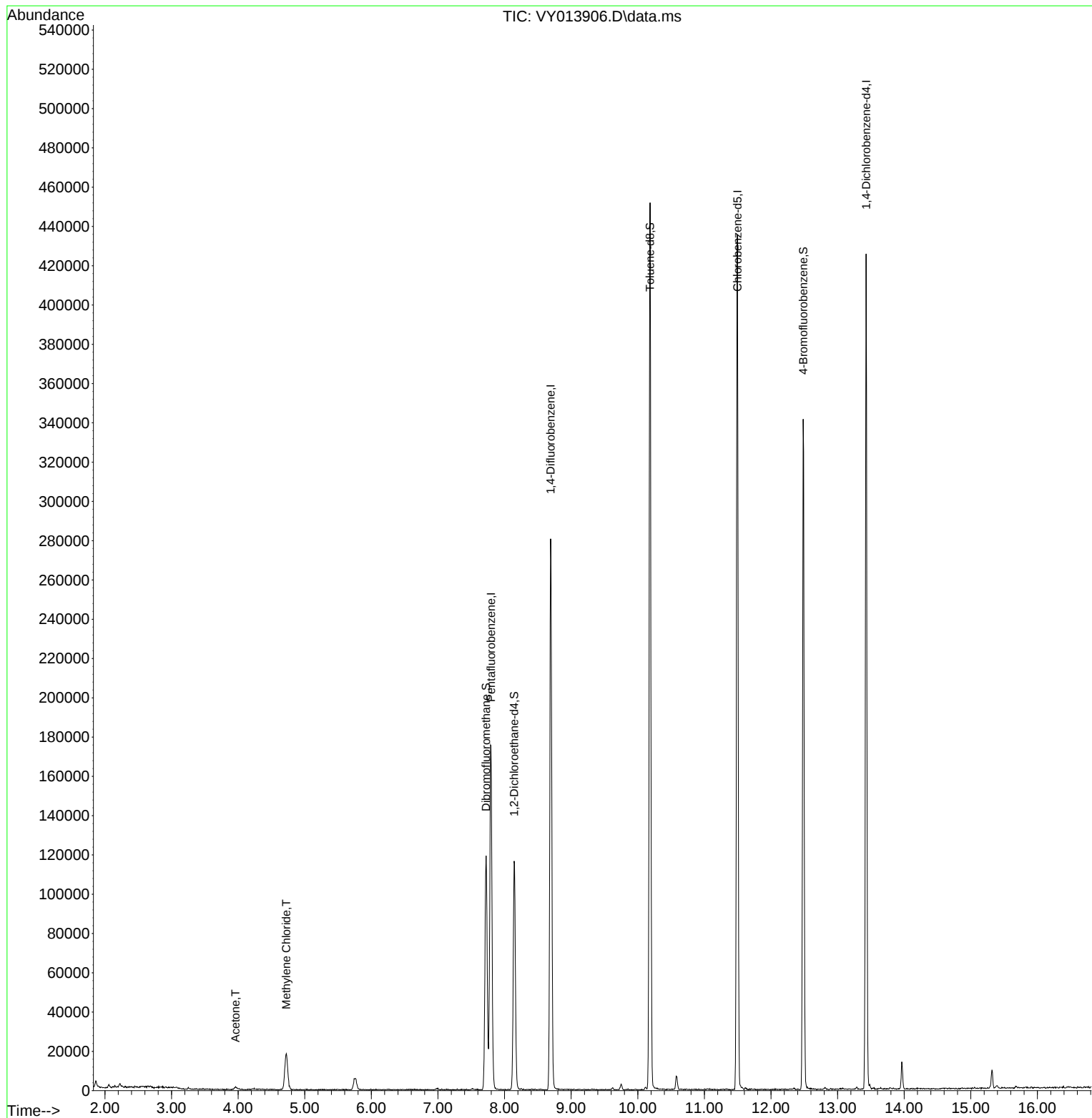
Internal Standards						
1) Pentafluorobenzene	7.795	168	137615	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	234276	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	235871	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	106749	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	96223	60.439	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.880%	
35) Dibromofluoromethane	7.722	113	81125	53.620	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.240%	
50) Toluene-d8	10.185	98	292662	50.895	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.800%	
62) 4-Bromofluorobenzene	12.483	95	92215	48.245	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 96.480%	
Target Compounds						Qvalue
16) Acetone	3.960	43	2791	5.907	ug/l	95
20) Methylene Chloride	4.723	84	13236	5.647	ug/l	96

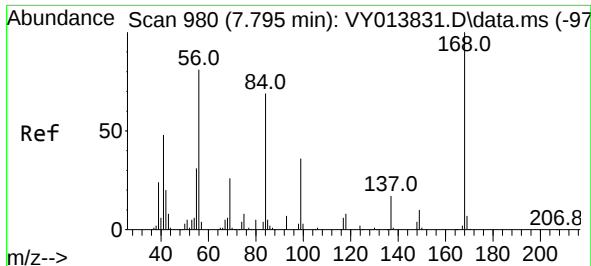
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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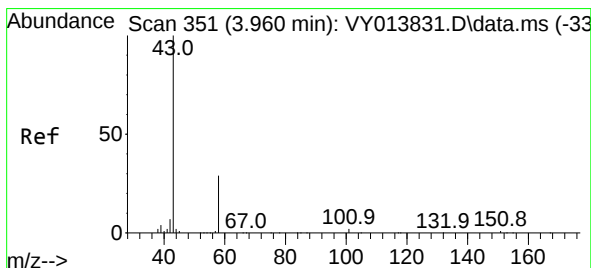
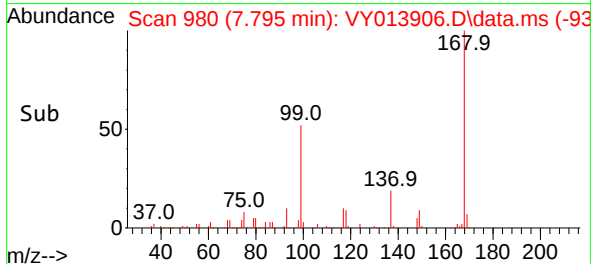
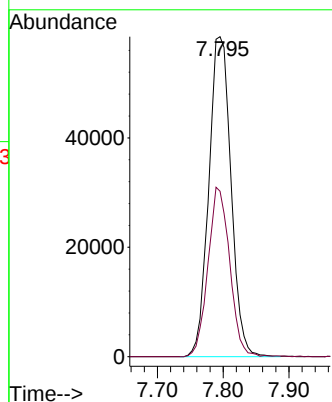
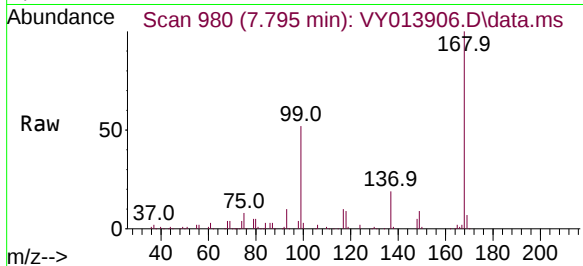




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013906.D
Acq: 26 May 2023 20:17

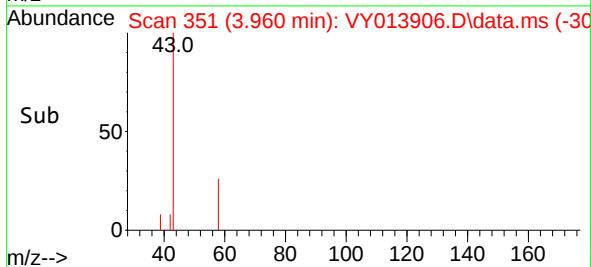
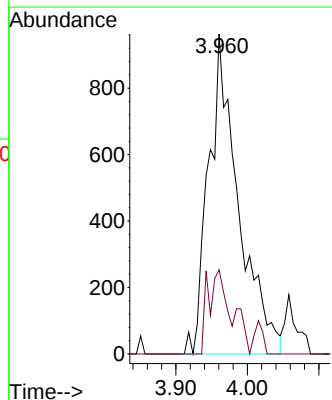
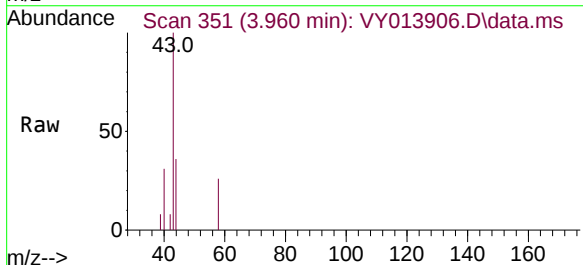
Instrument :
MSVOA_Y
ClientSampleId :
DUP03

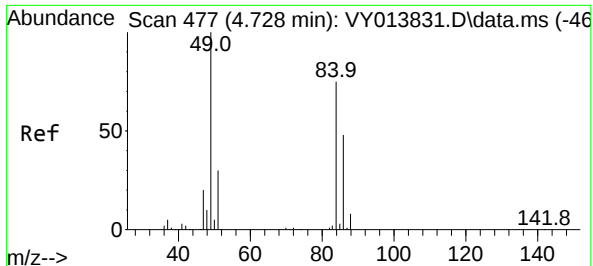
Tgt Ion:168 Resp: 137615
Ion Ratio Lower Upper
168 100
99 51.7 43.4 65.2



#16
Acetone
Concen: 5.907 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY013906.D
Acq: 26 May 2023 20:17

Tgt Ion: 43 Resp: 2791
Ion Ratio Lower Upper
43 100
58 26.3 23.3 34.9

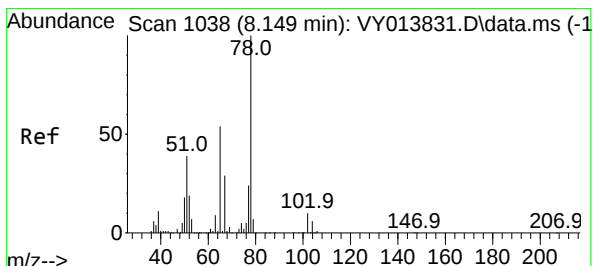
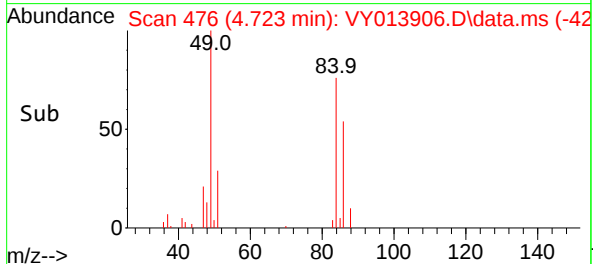
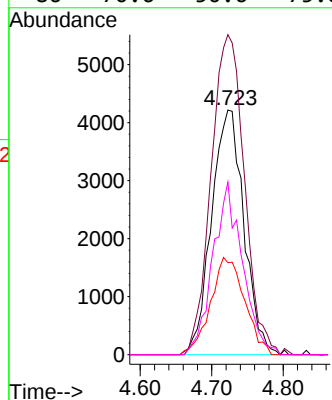
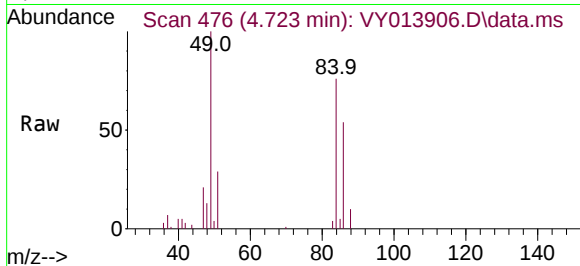




#20
Methylene Chloride
Concen: 5.647 ug/l
RT: 4.723 min Scan# 41
Delta R.T. -0.005 min
Lab File: VY013906.D
Acq: 26 May 2023 20:17

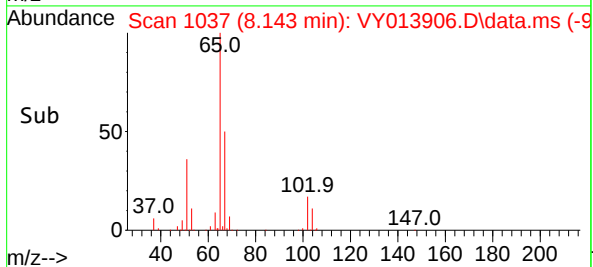
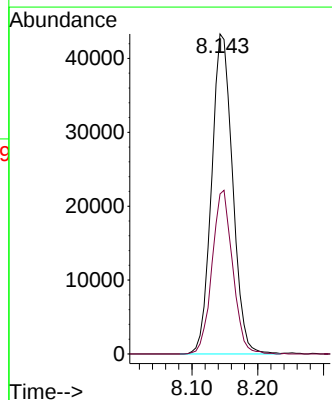
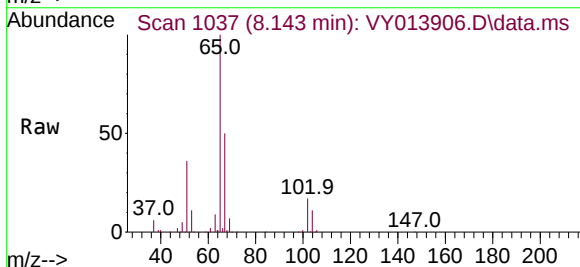
Instrument :
MSVOA_Y
ClientSampleId :
DUP03

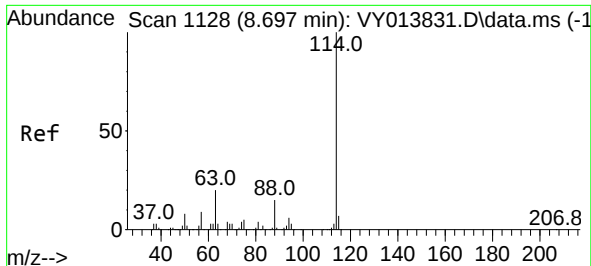
Tgt Ion:	84	Resp:	13236
Ion	Ratio	Lower	Upper
84	100		
49	130.8	106.2	159.2
51	37.6	31.4	47.0
86	70.6	50.6	75.8



#33
1,2-Dichloroethane-d4
Concen: 60.439 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY013906.D
Acq: 26 May 2023 20:17

Tgt Ion:	65	Resp:	96223
Ion	Ratio	Lower	Upper
65	100		
67	50.2	0.0	104.4

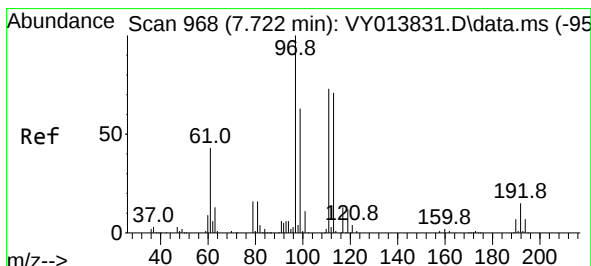
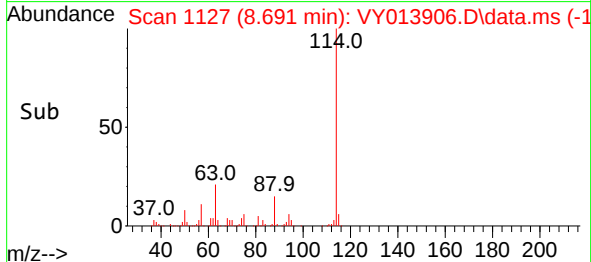
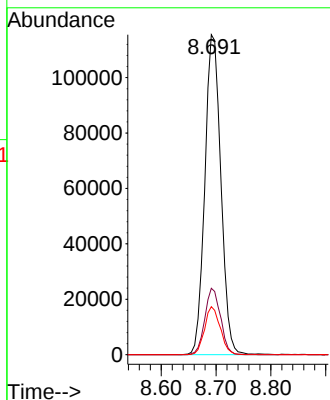
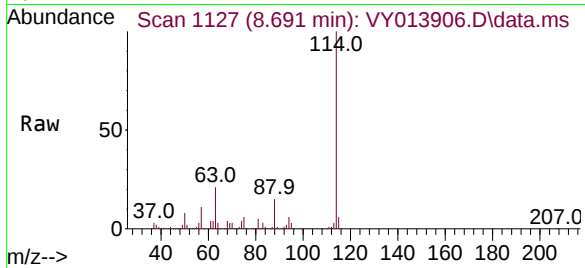




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VY013906.D
Acq: 26 May 2023 20:17

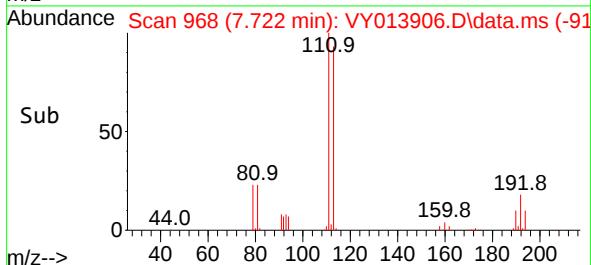
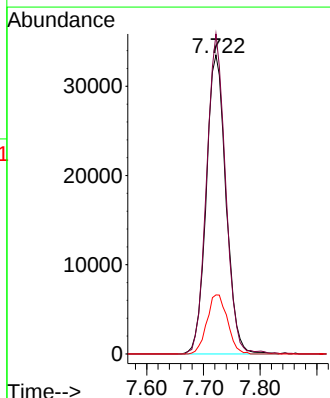
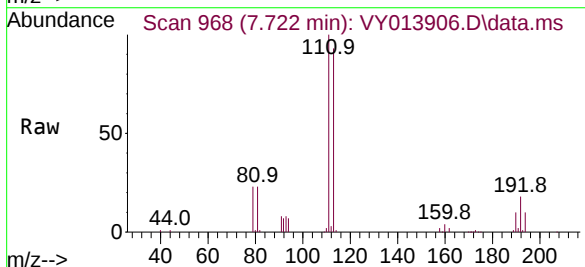
Instrument :
MSVOA_Y
ClientSampleId :
DUP03

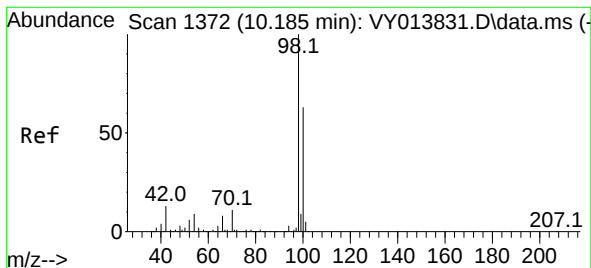
Tgt Ion:114 Resp: 234276
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.2
88 15.0 0.0 30.0



#35
Dibromofluoromethane
Concen: 53.620 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY013906.D
Acq: 26 May 2023 20:17

Tgt Ion:113 Resp: 81125
Ion Ratio Lower Upper
113 100
111 102.9 80.4 120.6
192 20.5 16.6 25.0





#50

Toluene-d8

Concen: 50.895 ug/l

RT: 10.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013906.D

Acq: 26 May 2023 20:17

Instrument :

MSVOA_Y

ClientSampleId :

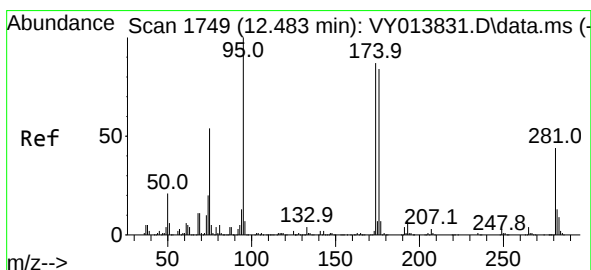
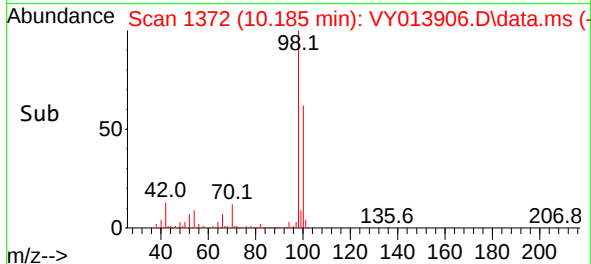
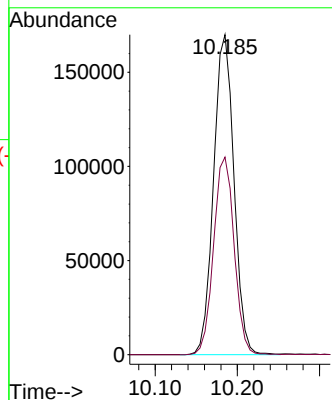
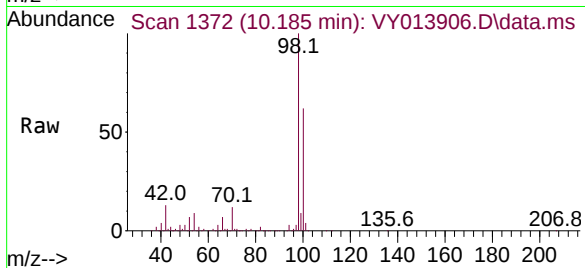
DUP03

Tgt Ion: 98 Resp: 292662

Ion Ratio Lower Upper

98 100

100 62.3 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 48.245 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY013906.D

Acq: 26 May 2023 20:17

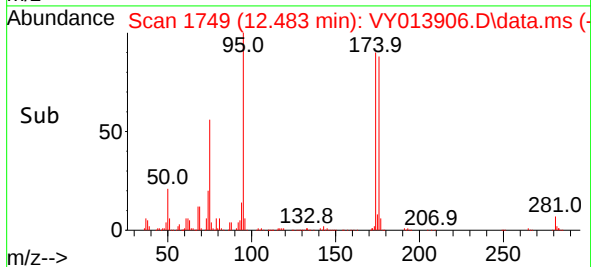
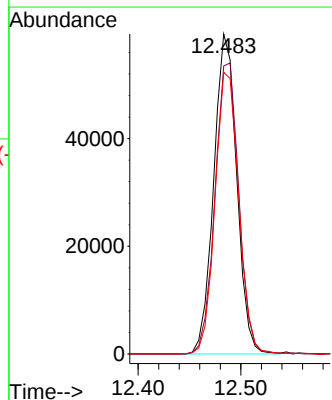
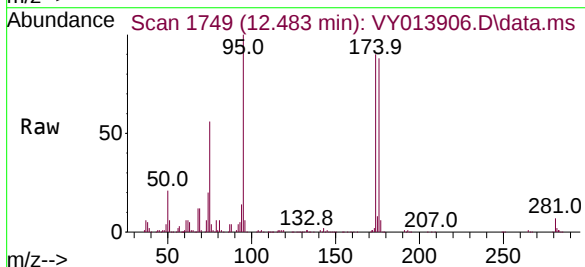
Tgt Ion: 95 Resp: 92215

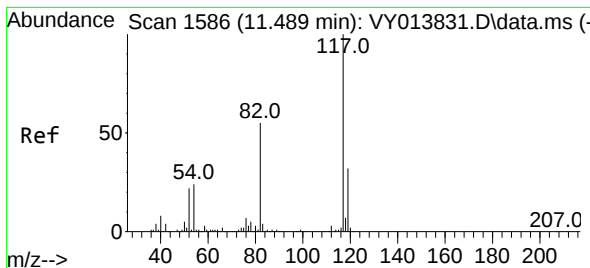
Ion Ratio Lower Upper

95 100

174 94.4 0.0 176.0

176 90.6 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY013906.D

Acq: 26 May 2023 20:17

Instrument :

MSVOA_Y

ClientSampleId :

DUP03

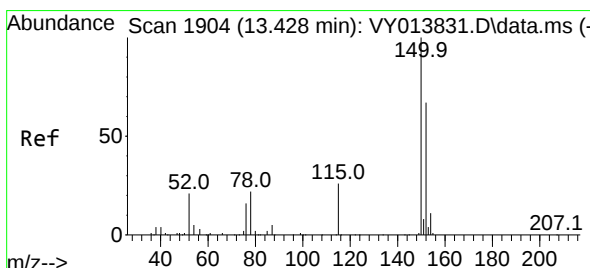
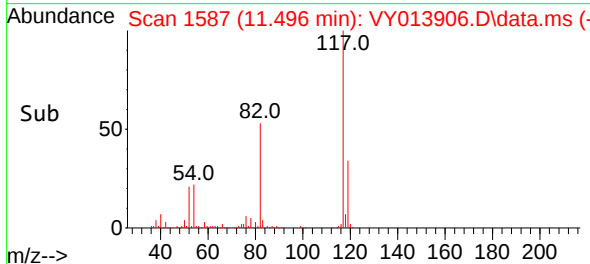
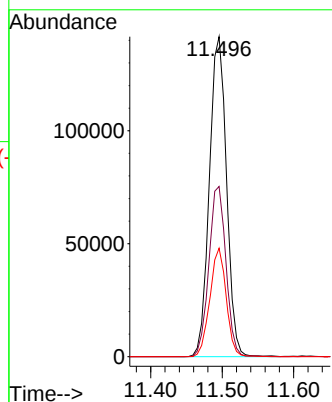
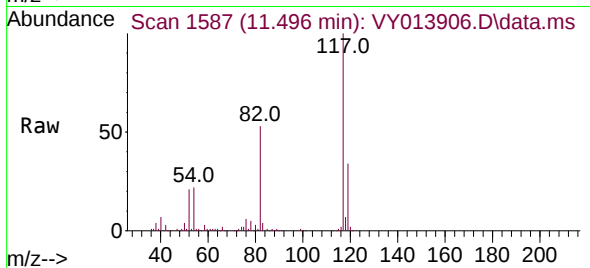
Tgt Ion:117 Resp: 235871

Ion Ratio Lower Upper

117 100

82 53.2 44.2 66.4

119 33.9 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY013906.D

Acq: 26 May 2023 20:17

Tgt Ion:152 Resp: 106749

Ion Ratio Lower Upper

152 100

115 55.9 28.8 86.5

150 155.3 0.0 353.4

