

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110923\
 Data File : VY016281.D
 Acq On : 09 Nov 2023 15:00
 Operator : SY/MD
 Sample : 05293-07
 Misc : 5.89g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-7

Quant Time: Nov 09 22:59:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

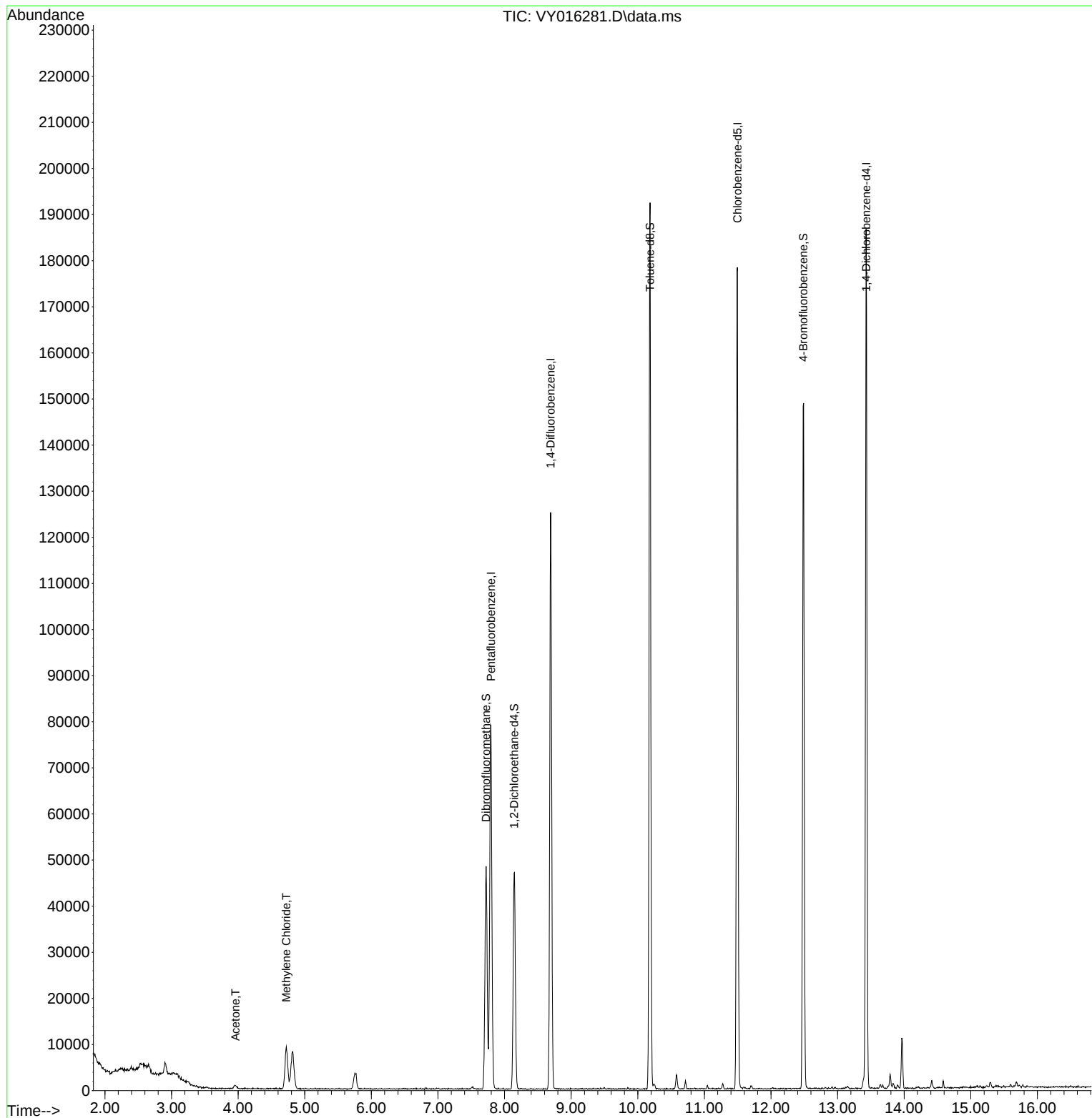
Internal Standards						
1) Pentafluorobenzene	7.795	168	62876	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	110109	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.496	117	103424	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	48281	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	37559	65.358	ug/l	-0.01
Spiked Amount	50.000	Range 50 - 163	Recovery	= 130.720%		
35) Dibromofluoromethane	7.722	113	34738	55.537	ug/l	-0.01
Spiked Amount	50.000	Range 54 - 147	Recovery	= 111.080%		
50) Toluene-d8	10.185	98	130124	51.301	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 102.600%		
62) 4-Bromofluorobenzene	12.483	95	43607	52.933	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 105.860%		
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	1386	14.581	ug/l #	84
20) Methylene Chloride	4.723	84	7018	7.492	ug/l #	77

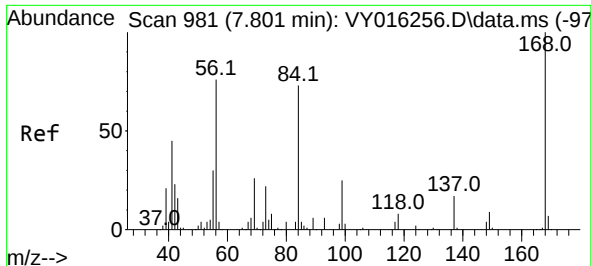
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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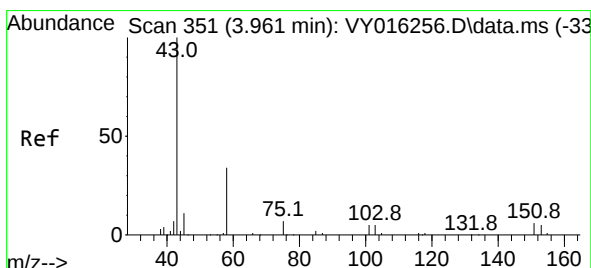
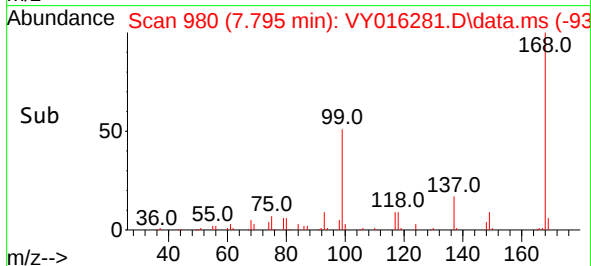
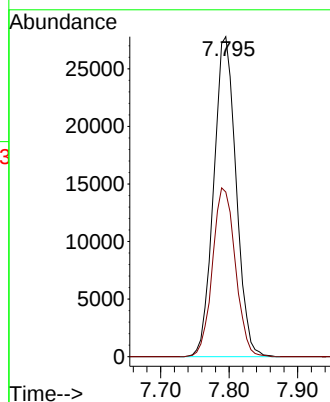
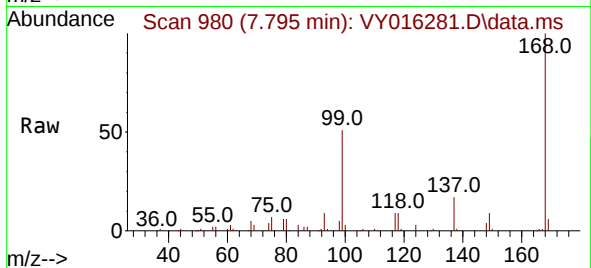




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY016281.D
Acq: 09 Nov 2023 15:00

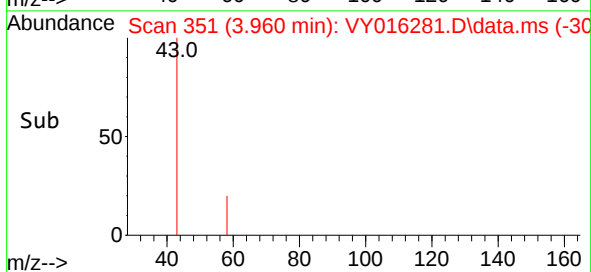
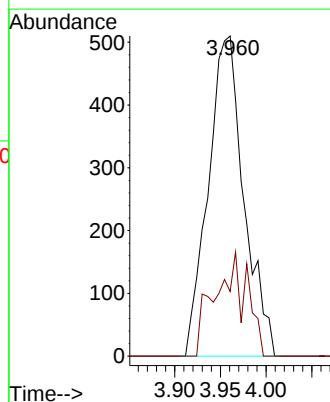
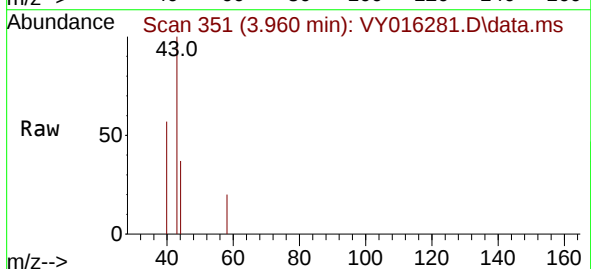
Instrument :
MSVOA_Y
ClientSampleId :
SB-7

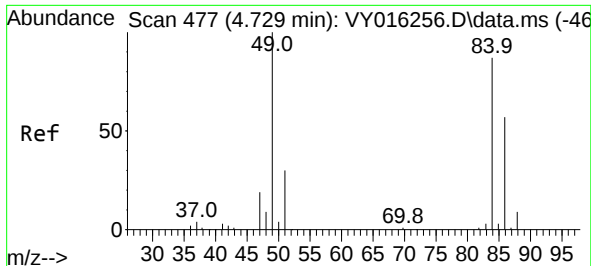
Tgt Ion:168 Resp: 62876
Ion Ratio Lower Upper
168 100
99 51.5 43.4 65.0



#16
Acetone
Concen: 14.581 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY016281.D
Acq: 09 Nov 2023 15:00

Tgt Ion: 43 Resp: 1386
Ion Ratio Lower Upper
43 100
58 20.2 22.7 34.1#





#20

Methylene Chloride

Concen: 7.492 ug/l

RT: 4.723 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY016281.D

Acq: 09 Nov 2023 15:00

Instrument :

MSVOA_Y

ClientSampleId :

SB-7

Tgt Ion: 84 Resp: 7018

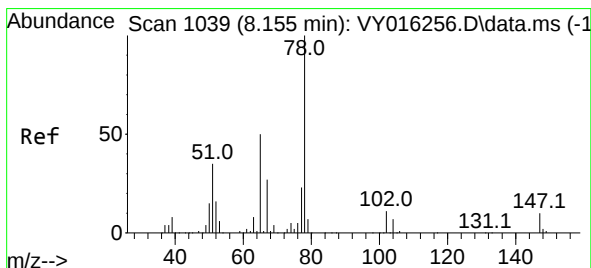
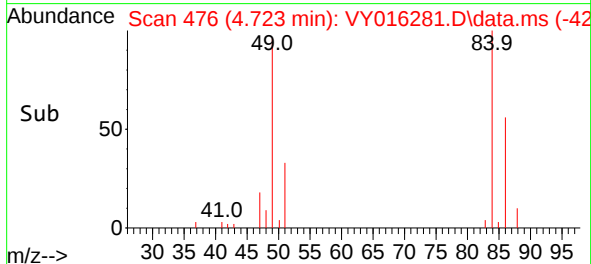
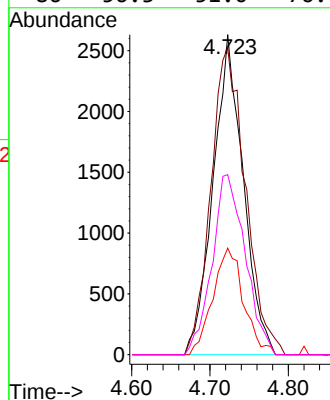
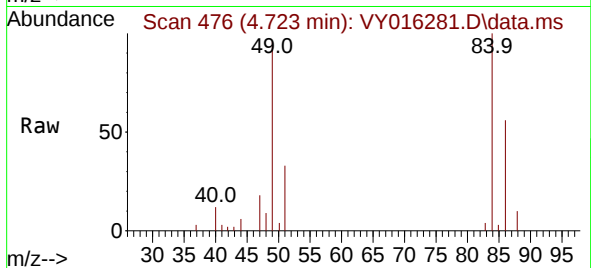
Ion Ratio Lower Upper

84 100

49 96.0 106.9 160.3#

51 33.3 33.2 49.8

86 56.3 51.0 76.6



#33

1,2-Dichloroethane-d4

Concen: 65.358 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.012 min

Lab File: VY016281.D

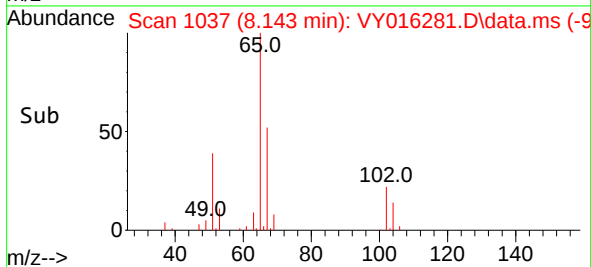
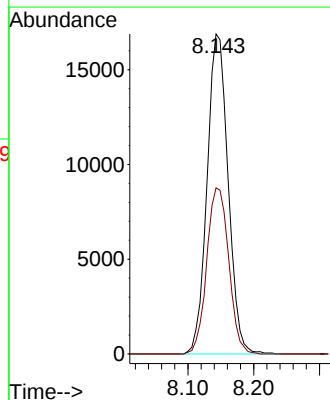
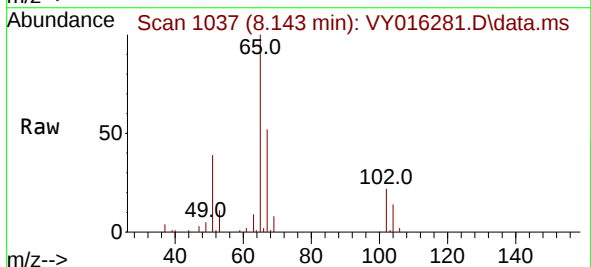
Acq: 09 Nov 2023 15:00

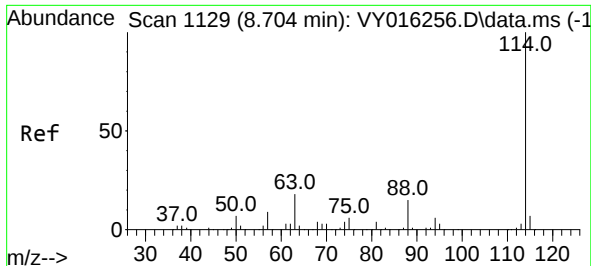
Tgt Ion: 65 Resp: 37559

Ion Ratio Lower Upper

65 100

67 54.2 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.012 min

Lab File: VY016281.D

Acq: 09 Nov 2023 15:00

Instrument :

MSVOA_Y

ClientSampleId :

SB-7

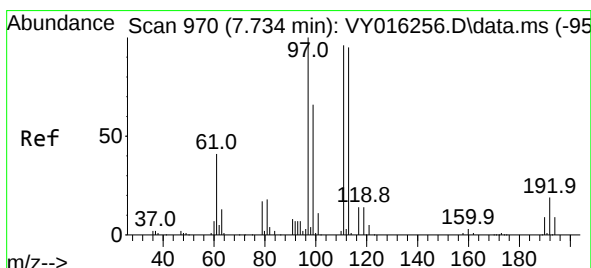
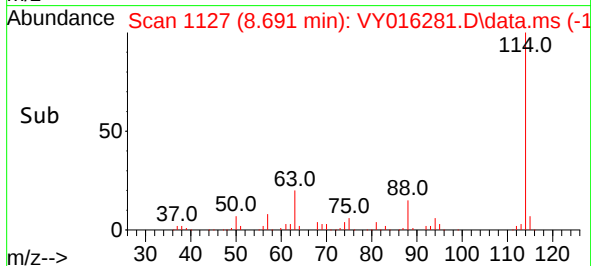
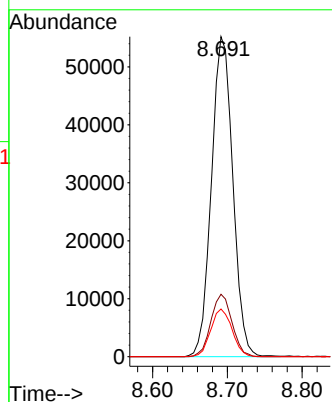
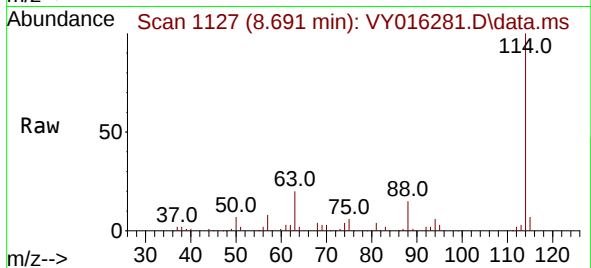
Tgt Ion:114 Resp: 110109

Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.537 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.012 min

Lab File: VY016281.D

Acq: 09 Nov 2023 15:00

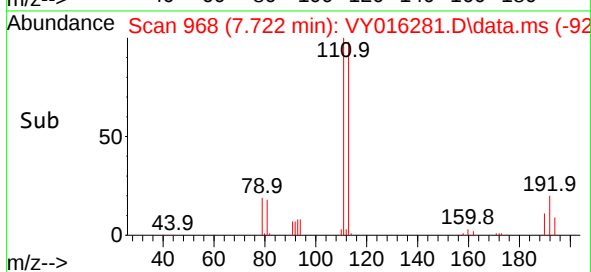
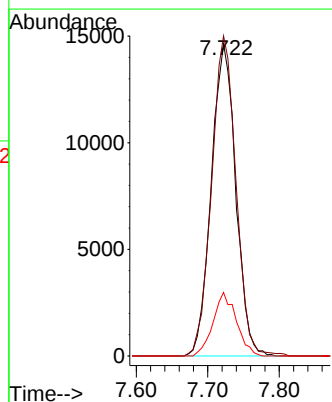
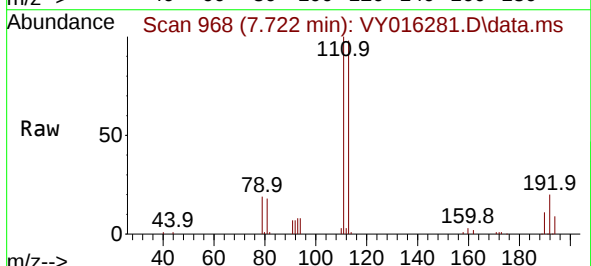
Tgt Ion:113 Resp: 34738

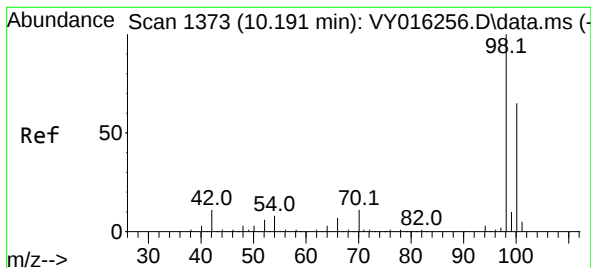
Ion Ratio Lower Upper

113 100

111 102.1 81.3 121.9

192 19.4 16.9 25.3





#50

Toluene-d8

Concen: 51.301 ug/l

RT: 10.185 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016281.D

Acq: 09 Nov 2023 15:00

Instrument :

MSVOA_Y

ClientSampleId :

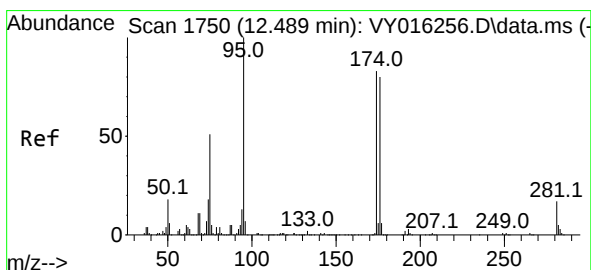
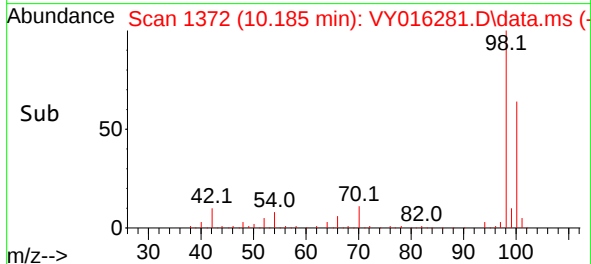
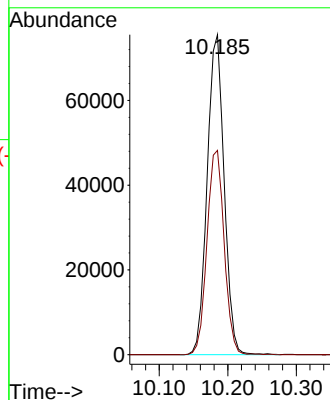
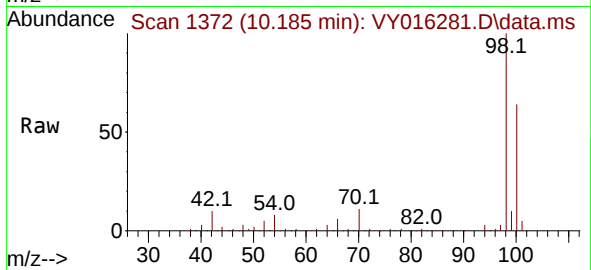
SB-7

Tgt Ion: 98 Resp: 130124

Ion Ratio Lower Upper

98 100

100 64.8 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 52.933 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VY016281.D

Acq: 09 Nov 2023 15:00

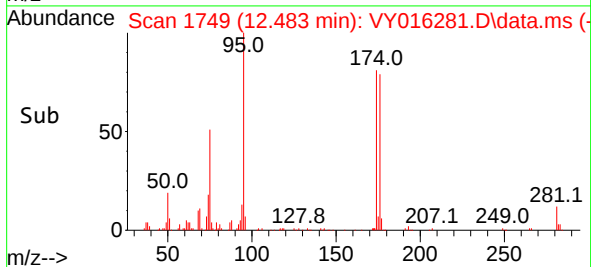
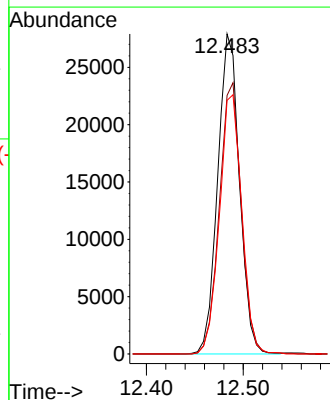
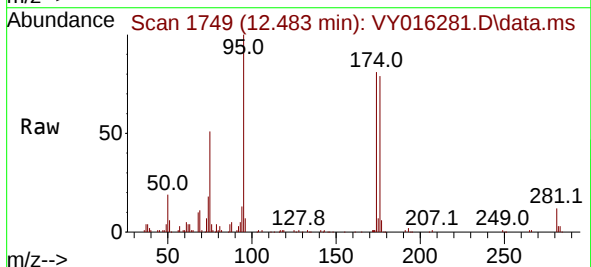
Tgt Ion: 95 Resp: 43607

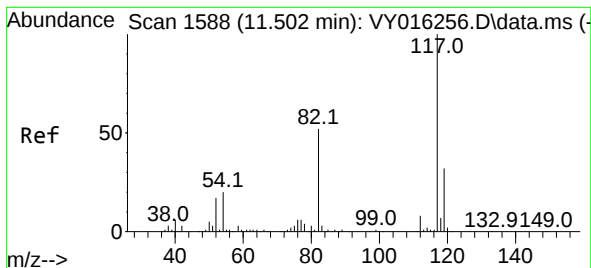
Ion Ratio Lower Upper

95 100

174 85.4 0.0 178.2

176 83.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016281.D

Acq: 09 Nov 2023 15:00

Instrument :

MSVOA_Y

ClientSampleId :

SB-7

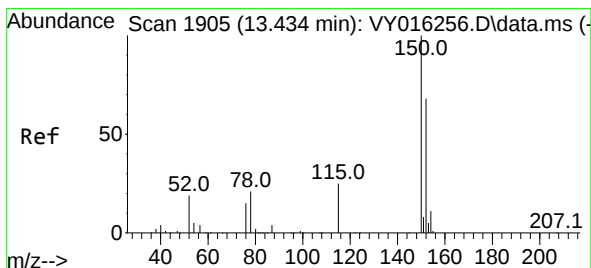
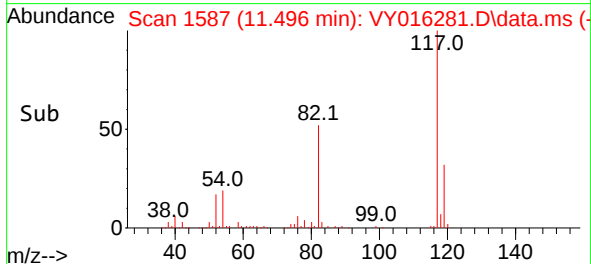
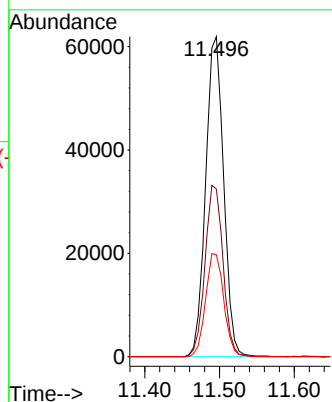
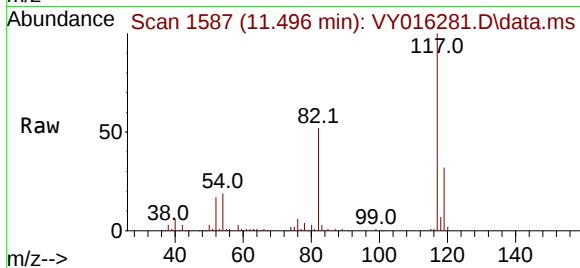
Tgt Ion:117 Resp: 103424

Ion Ratio Lower Upper

117 100

82 52.4 43.4 65.0

119 31.8 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: VY016281.D

Acq: 09 Nov 2023 15:00

Tgt Ion:152 Resp: 48281

Ion Ratio Lower Upper

152 100

115 56.8 28.8 86.5

150 157.3 0.0 348.8

