

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110223\
 Data File : VY016196.D
 Acq On : 02 Nov 2023 17:32
 Operator : SY/MD
 Sample : BLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BLK

Quant Time: Nov 03 03:18:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

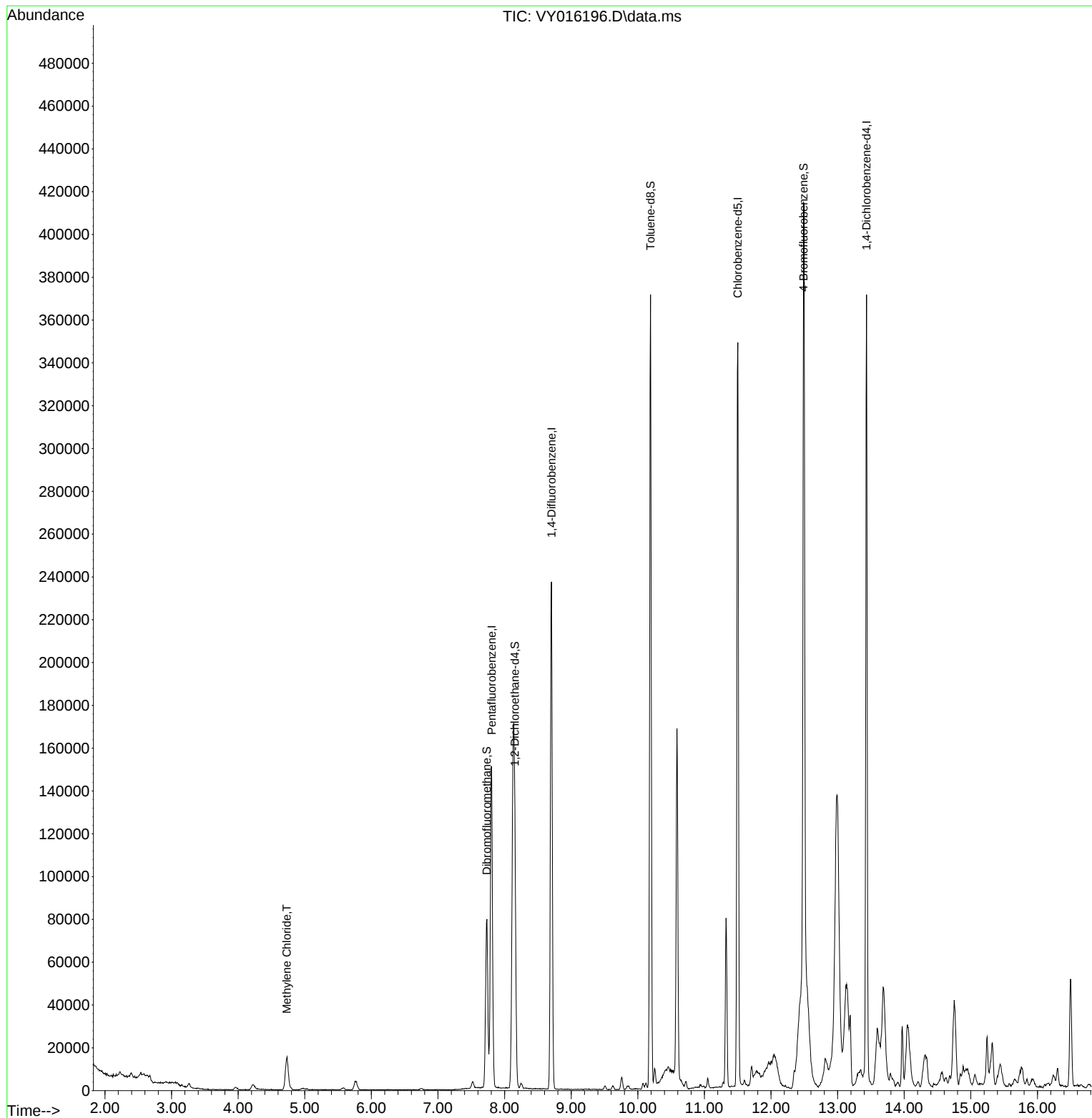
Internal Standards						
1) Pentafluorobenzene	7.807	168	121014	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	206276	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	194591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	93432	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	66830	59.018	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.040%
35) Dibromofluoromethane	7.734	113	56410	45.871	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.740%
50) Toluene-d8	10.191	98	243224	49.884	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.760%
62) 4-Bromofluorobenzene	12.489	95	88994	53.378	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.760%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.729	84	11847	7.710	ug/l #	88

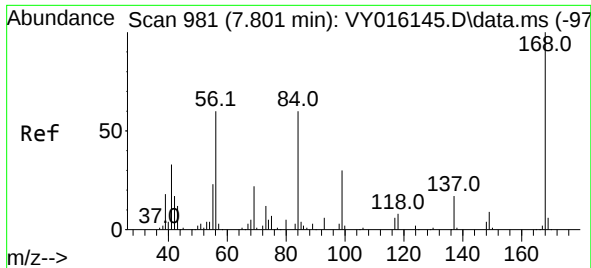
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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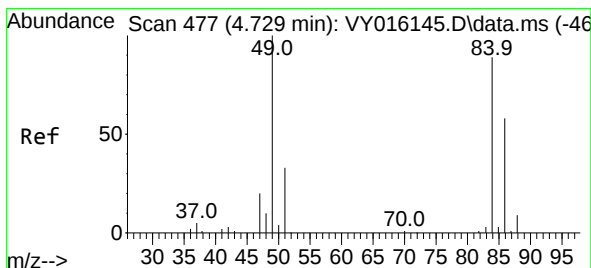
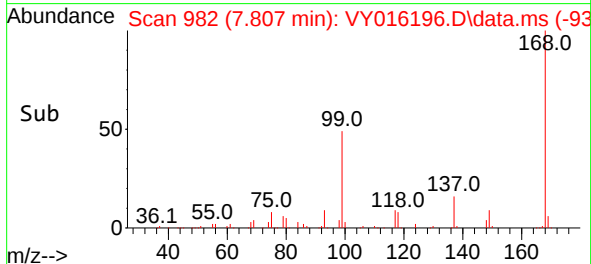
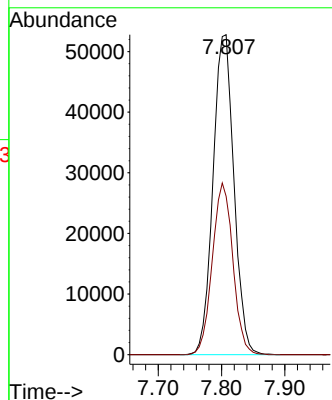
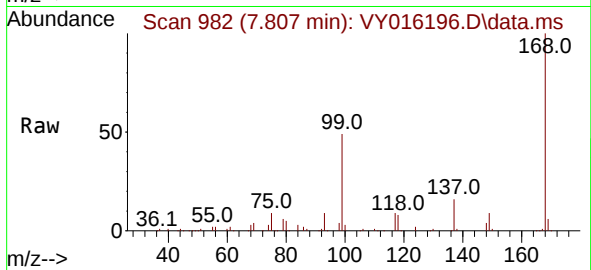




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY016196.D
Acq: 02 Nov 2023 17:32

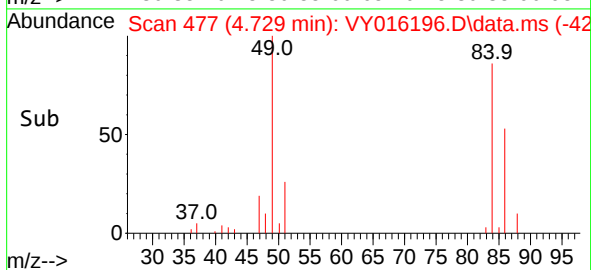
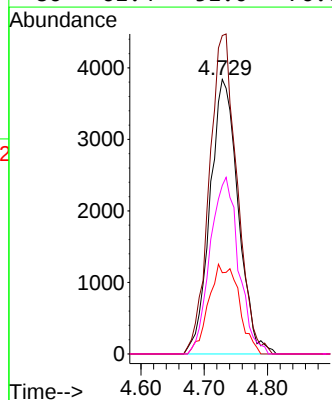
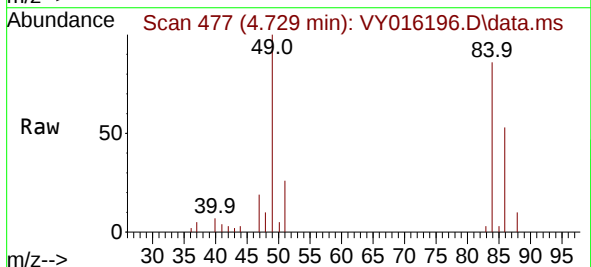
Instrument :
MSVOA_Y
ClientSampleId :
BLK

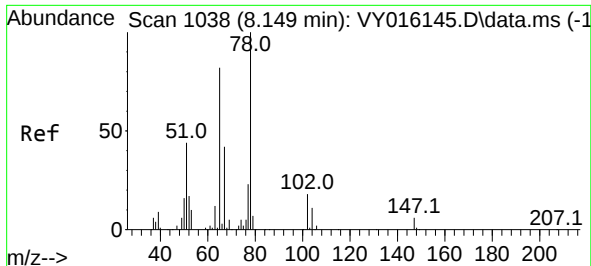
Tgt Ion:168 Resp: 121014
Ion Ratio Lower Upper
168 100
99 49.5 43.4 65.0



#20
Methylene Chloride
Concen: 7.710 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY016196.D
Acq: 02 Nov 2023 17:32

Tgt Ion: 84 Resp: 11847
Ion Ratio Lower Upper
84 100
49 116.0 106.9 160.3
51 29.6 33.2 49.8#
86 61.4 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 59.018 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY016196.D

Acq: 02 Nov 2023 17:32

Instrument :

MSVOA_Y

ClientSampleId :

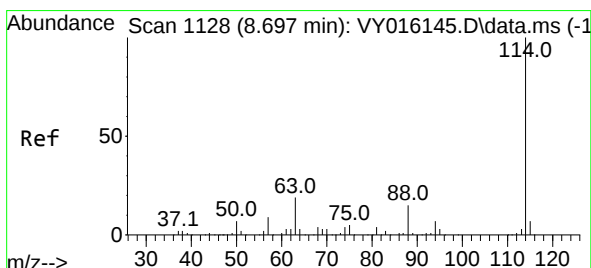
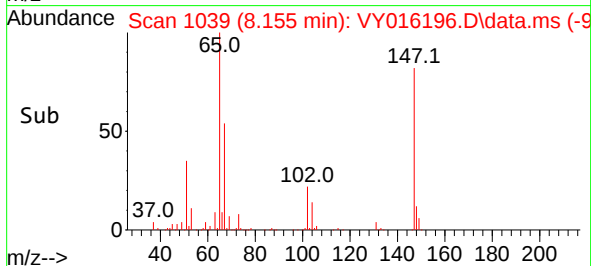
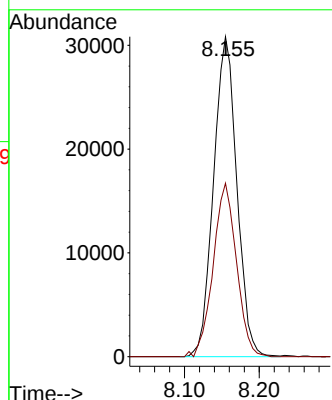
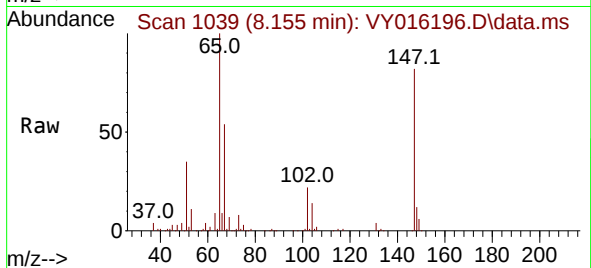
BLK

Tgt Ion: 65 Resp: 66830

Ion Ratio Lower Upper

65 100

67 54.2 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY016196.D

Acq: 02 Nov 2023 17:32

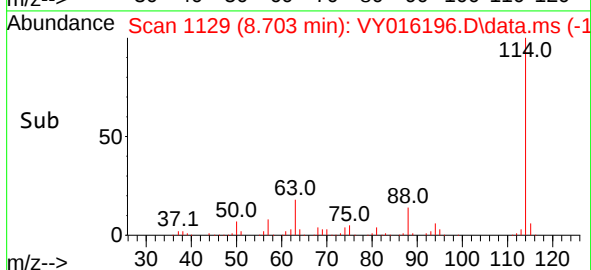
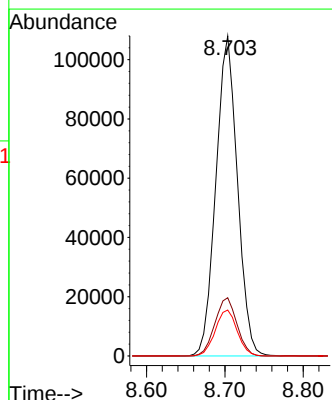
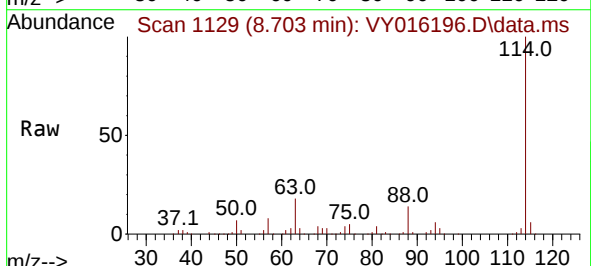
Tgt Ion: 114 Resp: 206276

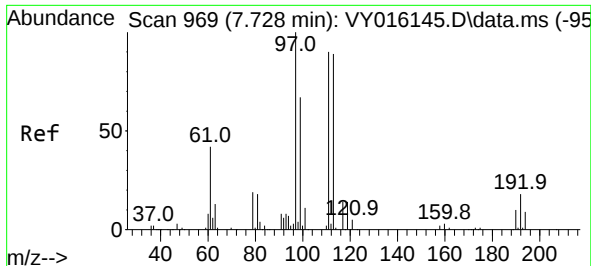
Ion Ratio Lower Upper

114 100

63 18.2 0.0 42.4

88 14.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 45.871 ug/l

RT: 7.734 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY016196.D

Acq: 02 Nov 2023 17:32

Instrument :

MSVOA_Y

ClientSampleId :

BLK

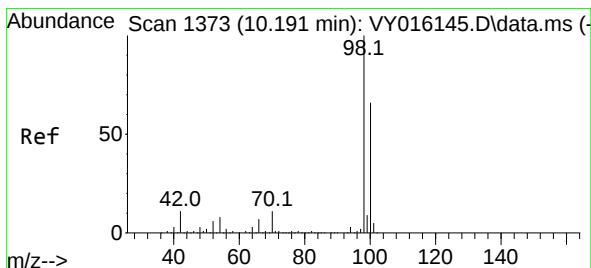
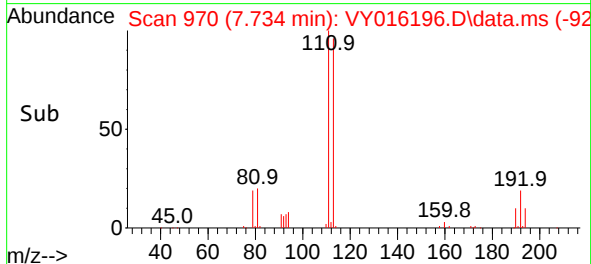
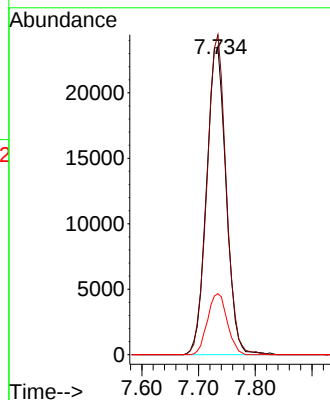
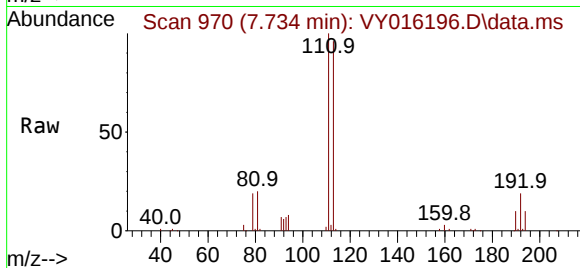
Tgt Ion:113 Resp: 56410

Ion Ratio Lower Upper

113 100

111 101.9 81.3 121.9

192 19.9 16.9 25.3



#50

Toluene-d8

Concen: 49.884 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.000 min

Lab File: VY016196.D

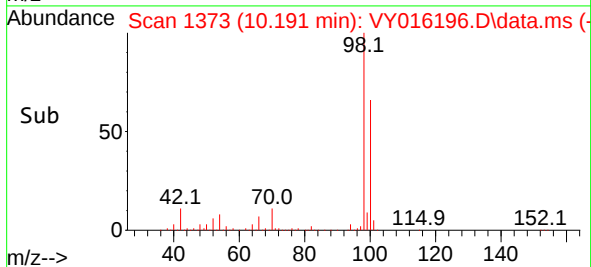
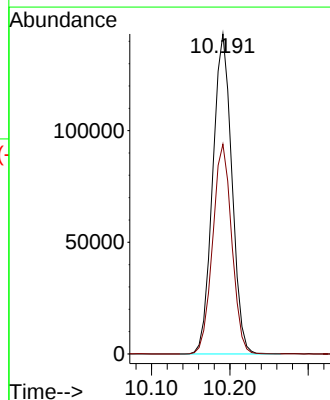
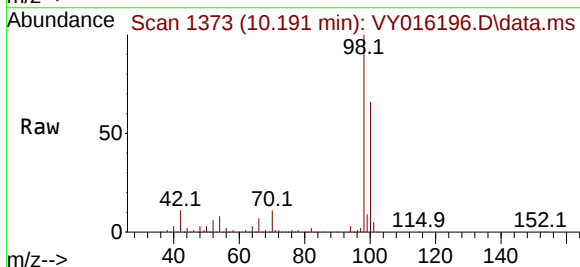
Acq: 02 Nov 2023 17:32

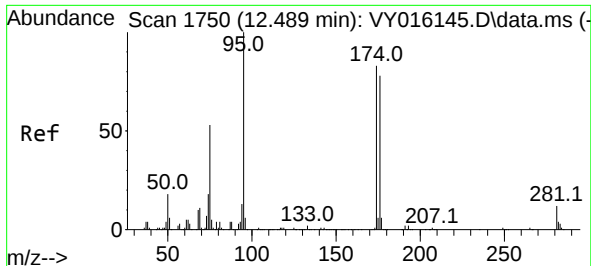
Tgt Ion: 98 Resp: 243224

Ion Ratio Lower Upper

98 100

100 65.2 50.1 75.1





#62

4-Bromofluorobenzene

Concen: 53.378 ug/l

RT: 12.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016196.D

Acq: 02 Nov 2023 17:32

Instrument :

MSVOA_Y

ClientSampleId :

BLK

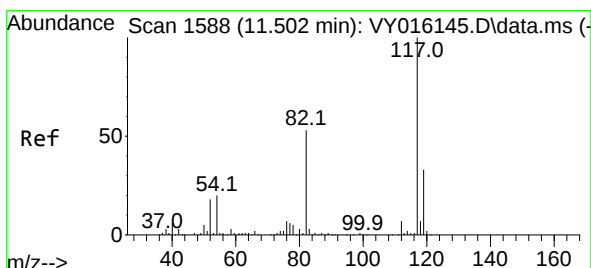
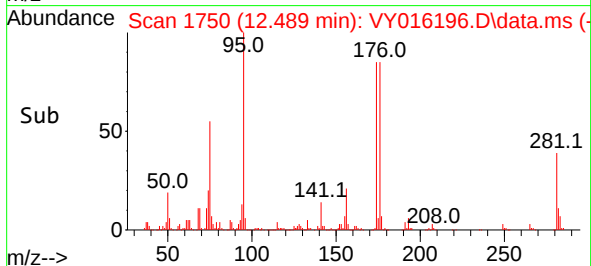
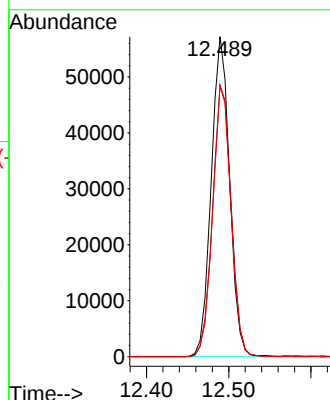
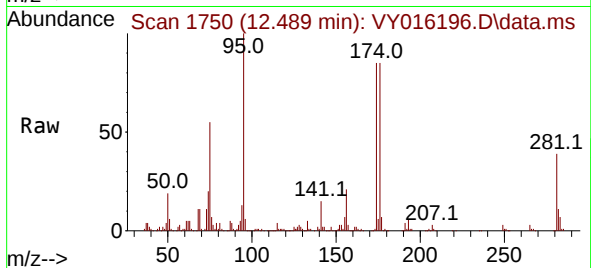
Tgt Ion: 95 Resp: 88994

Ion Ratio Lower Upper

95 100

174 86.0 0.0 178.2

176 83.9 0.0 173.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 1588

Delta R.T. 0.000 min

Lab File: VY016196.D

Acq: 02 Nov 2023 17:32

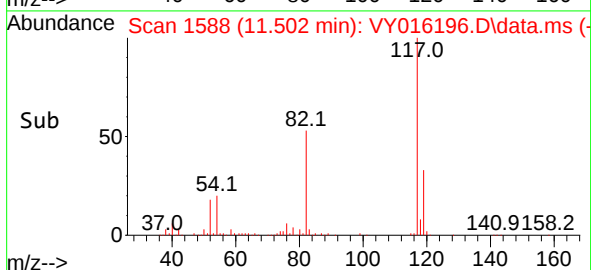
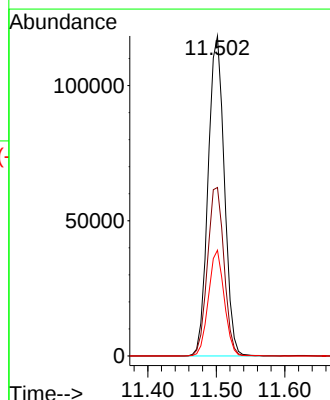
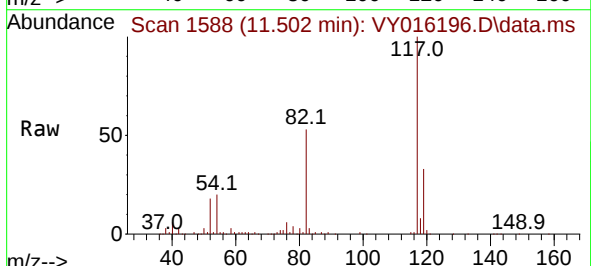
Tgt Ion: 117 Resp: 194591

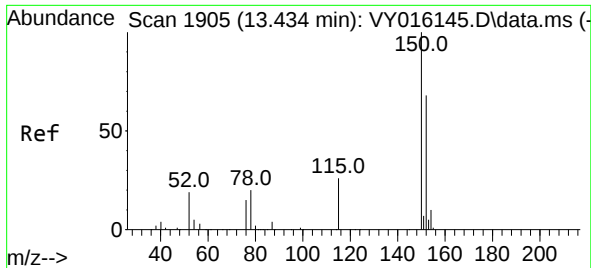
Ion Ratio Lower Upper

117 100

82 52.7 43.4 65.0

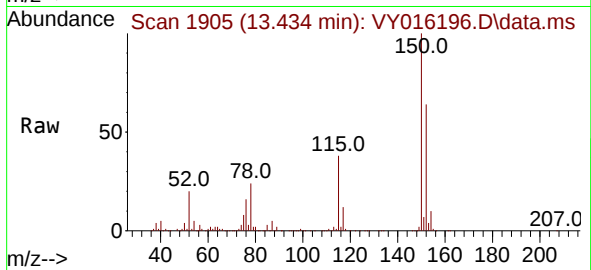
119 33.0 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.000 min
 Lab File: VY016196.D
 Acq: 02 Nov 2023 17:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 BLK



Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.5	28.8	86.5
150	156.4	0.0	348.8

