

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101023\
 Data File : VY015900.D
 Acq On : 10 Oct 2023 16:28
 Operator : SY/MD
 Sample : 04764-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GRAVEL

Quant Time: Oct 11 01:21:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 10 07:06:18 2023
 Response via : Initial Calibration

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

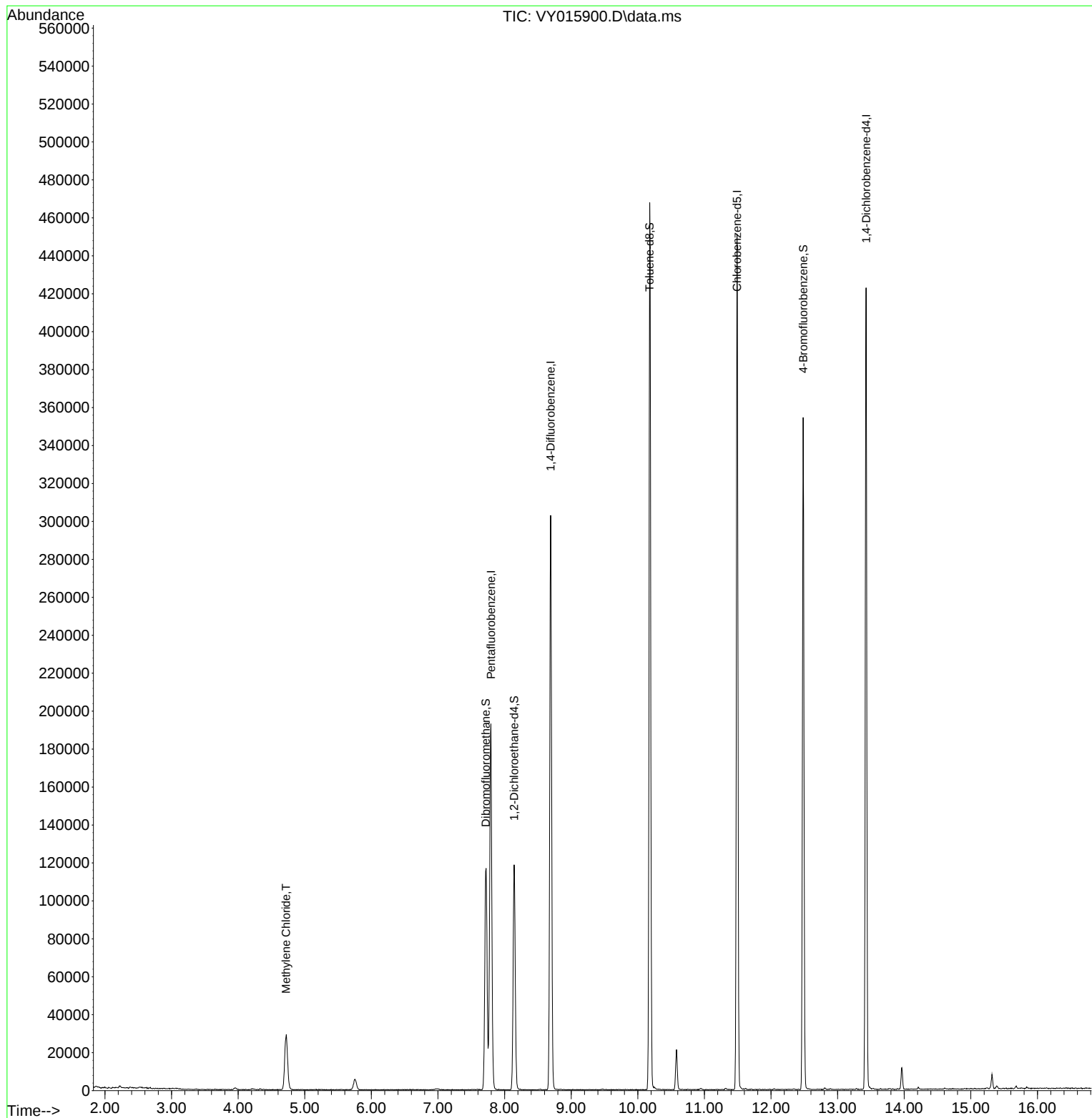
Internal Standards						
1) Pentafluorobenzene	7.795	168	150971	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	264698	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	246904	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	112380	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	90409	66.554	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 133.100%	
35) Dibromofluoromethane	7.716	113	85848	58.146	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.300%	
50) Toluene-d8	10.179	98	311106	63.936	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 127.880%	
62) 4-Bromofluorobenzene	12.483	95	104692	52.971	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.940%	
Target Compounds						
20) Methylene Chloride	4.716	84	22407	7.920	ug/l	Qvalue # 84

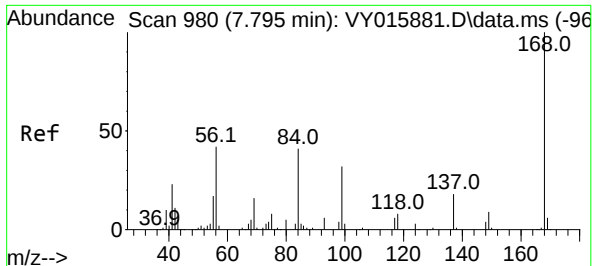
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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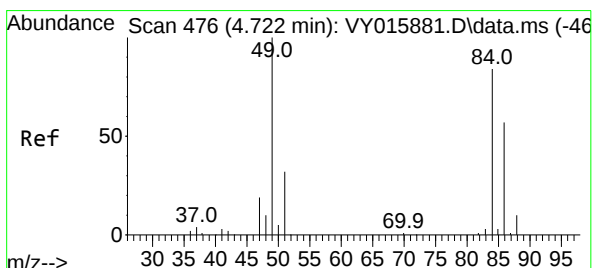
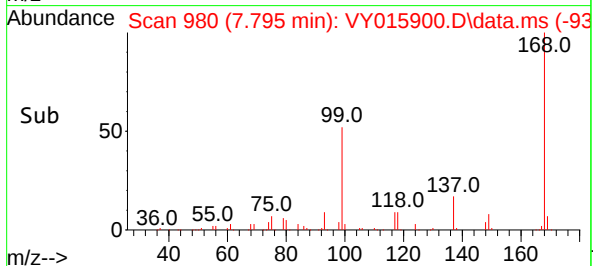
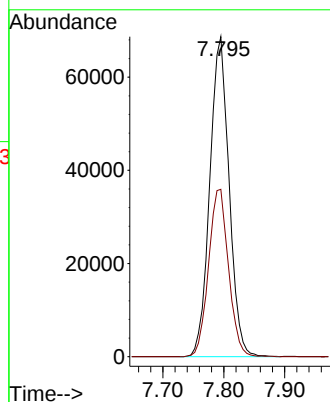
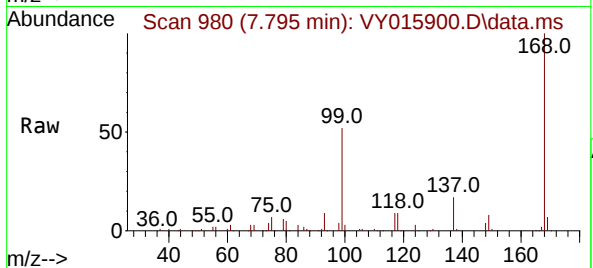




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015900.D
Acq: 10 Oct 2023 16:28

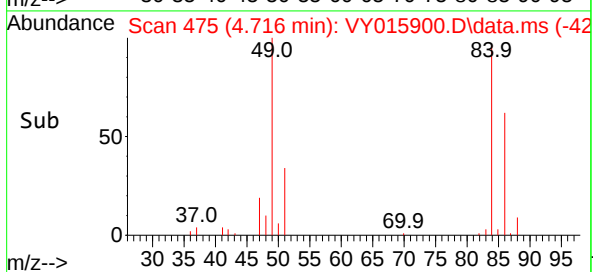
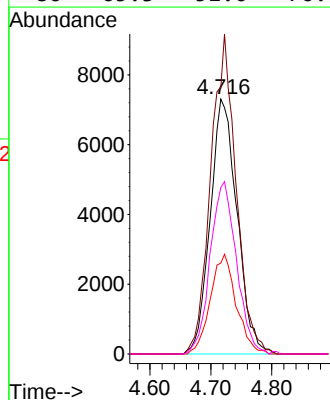
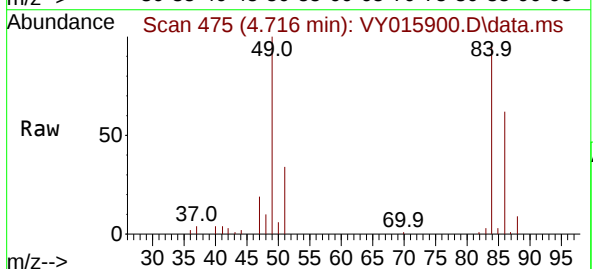
Instrument :
MSVOA_Y
ClientSampleId :
GRAVEL

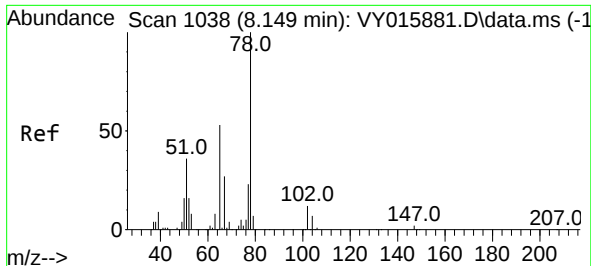
Tgt Ion:168 Resp: 150971
Ion Ratio Lower Upper
168 100
99 52.3 43.4 65.0



#20
Methylene Chloride
Concen: 7.920 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY015900.D
Acq: 10 Oct 2023 16:28

Tgt Ion: 84 Resp: 22407
Ion Ratio Lower Upper
84 100
49 104.7 106.9 160.3#
51 35.7 33.2 49.8
86 65.3 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 66.554 ug/l

RT: 8.143 min Scan# 1107

Delta R.T. -0.006 min

Lab File: VY015900.D

Acq: 10 Oct 2023 16:28

Instrument :

MSVOA_Y

ClientSampleId :

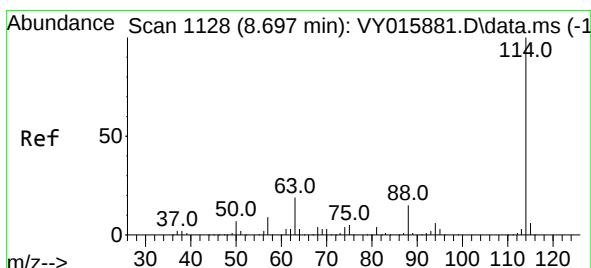
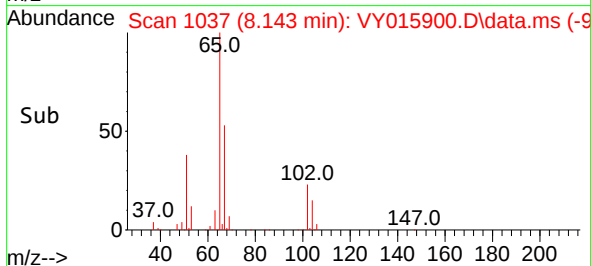
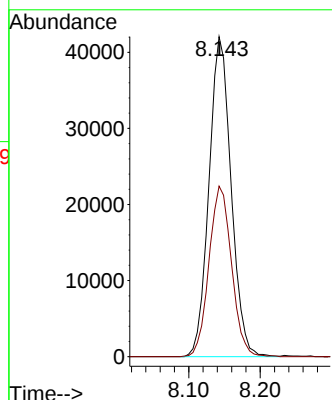
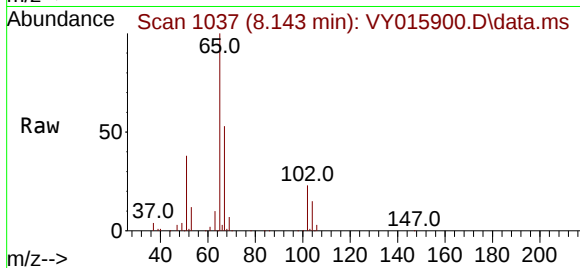
GRAVEL

Tgt Ion: 65 Resp: 90409

Ion Ratio Lower Upper

65 100

67 54.3 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: VY015900.D

Acq: 10 Oct 2023 16:28

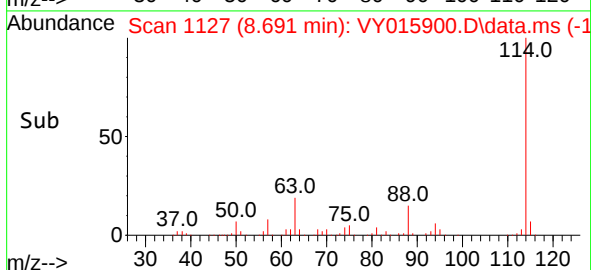
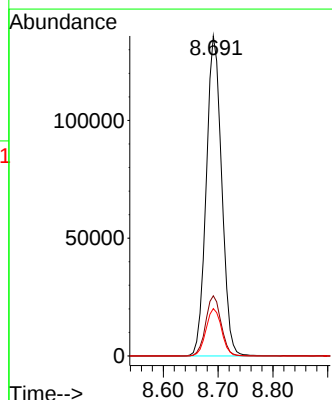
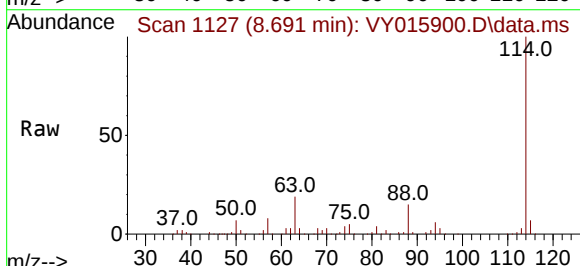
Tgt Ion: 114 Resp: 264698

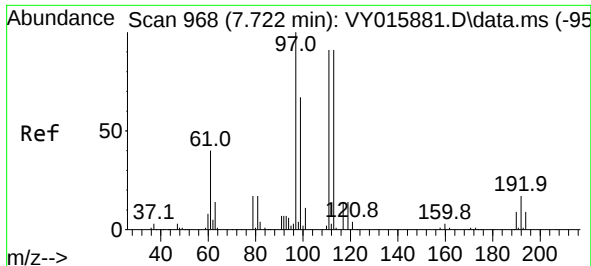
Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.4

88 14.8 0.0 30.6

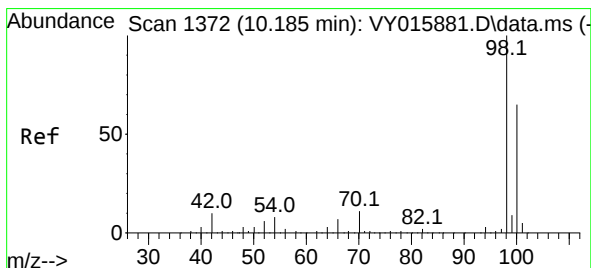
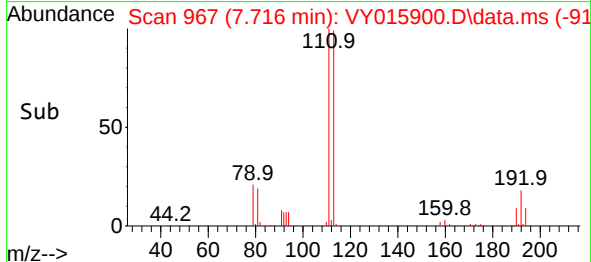
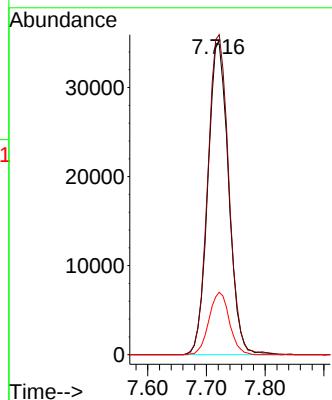
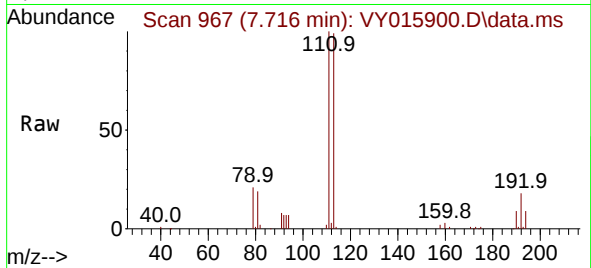




#35
Dibromofluoromethane
Concen: 58.146 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015900.D
Acq: 10 Oct 2023 16:28

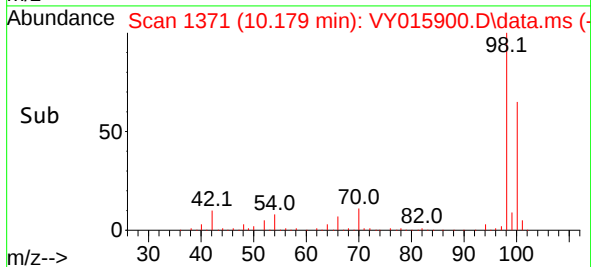
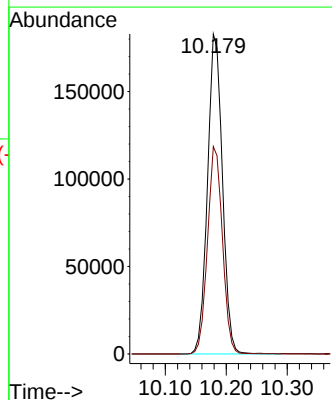
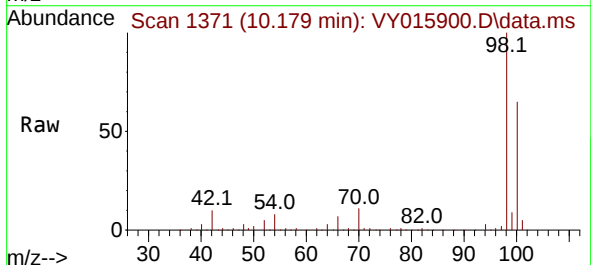
Instrument :
MSVOA_Y
ClientSampleId :
GRAVEL

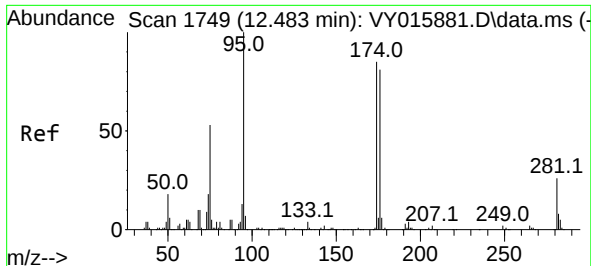
Tgt Ion:113 Resp: 85848
Ion Ratio Lower Upper
113 100
111 103.8 81.3 121.9
192 19.7 16.9 25.3



#50
Toluene-d8
Concen: 63.936 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY015900.D
Acq: 10 Oct 2023 16:28

Tgt Ion: 98 Resp: 311106
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1





#62

4-Bromofluorobenzene

Concen: 52.971 ug/l

RT: 12.483 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015900.D

Acq: 10 Oct 2023 16:28

Instrument :

MSVOA_Y

ClientSampleId :

GRAVEL

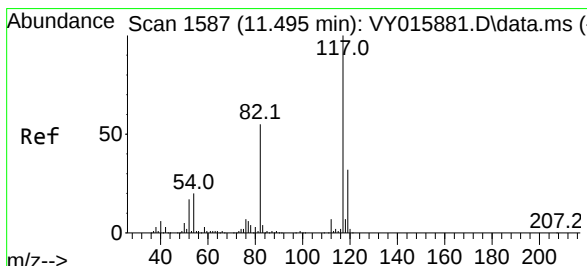
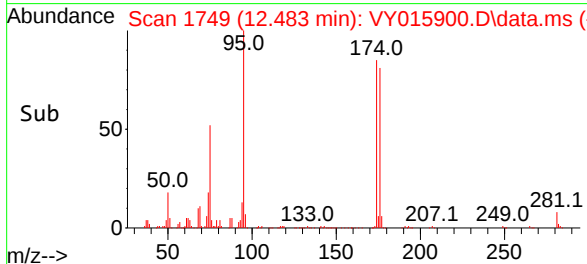
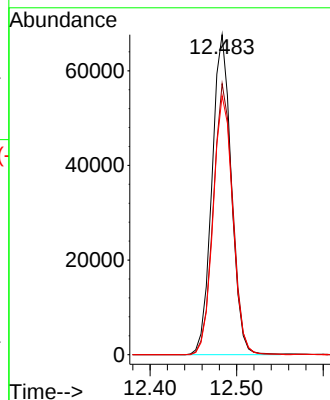
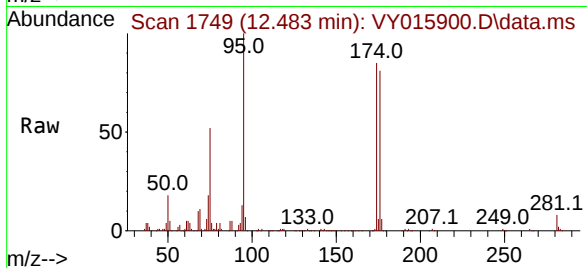
Tgt Ion: 95 Resp: 104692

Ion Ratio Lower Upper

95 100

174 85.7 0.0 178.2

176 82.3 0.0 173.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. -0.006 min

Lab File: VY015900.D

Acq: 10 Oct 2023 16:28

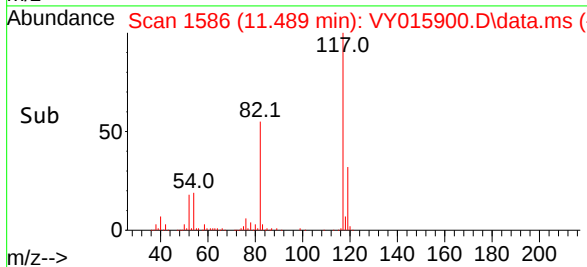
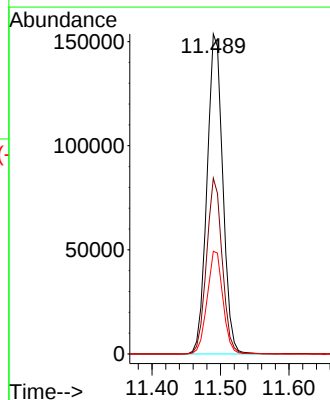
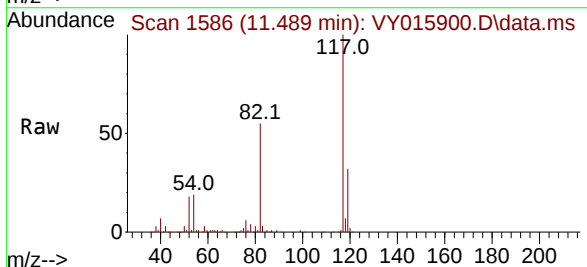
Tgt Ion: 117 Resp: 246904

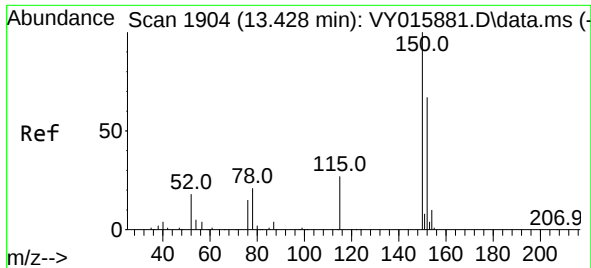
Ion Ratio Lower Upper

117 100

82 55.0 43.4 65.0

119 32.1 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY015900.D

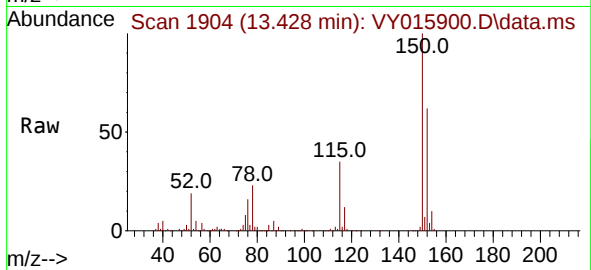
Acq: 10 Oct 2023 16:28

Instrument :

MSVOA_Y

ClientSampleId :

GRAVEL



Tgt Ion:152 Resp: 112380

Ion Ratio Lower Upper

152 100

115 58.0 28.8 86.5

150 156.3 0.0 348.8

