

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121322\
 Data File : VY011826.D
 Acq On : 14 Dec 2022 05:01
 Operator : KP/MD
 Sample : N6037-22
 Misc : 4.51g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-27-(5-7)

Quant Time: Dec 14 05:38:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 04:19:59 2022
 Response via : Initial Calibration

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

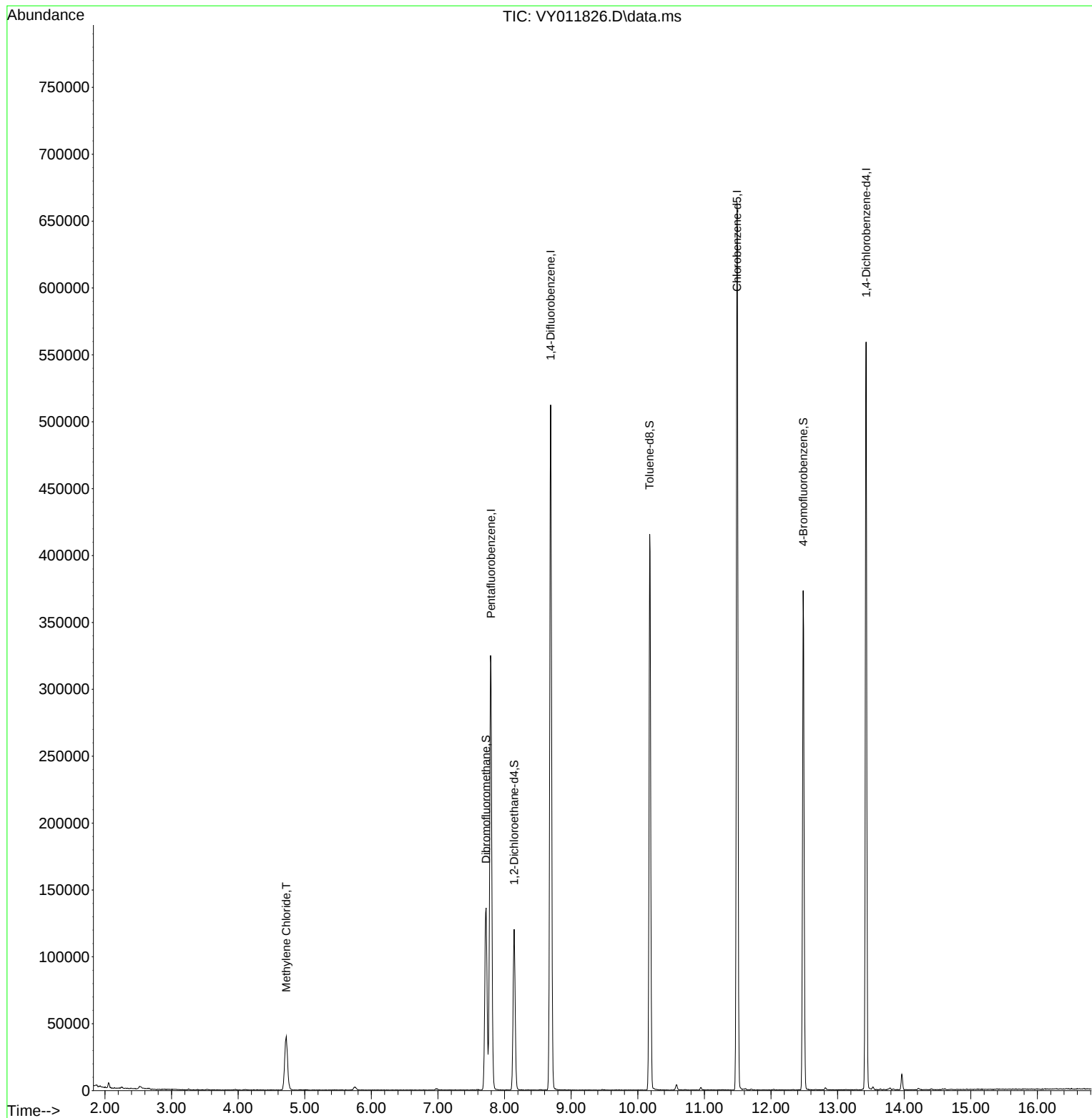
Internal Standards						
1) Pentafluorobenzene	7.795	168	251000	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	433386	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	361699	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	144276	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	92905	54.692	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 109.380%		
35) Dibromofluoromethane	7.722	113	97337	50.598	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 101.200%		
50) Toluene-d8	10.179	98	275386	42.646	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 85.300%		
62) 4-Bromofluorobenzene	12.483	95	96351	37.174	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 74.340%		
Target Compounds						Qvalue
20) Methylene Chloride	4.723	84	30633	7.571	ug/l	98

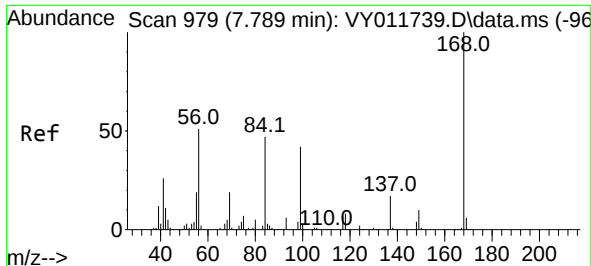
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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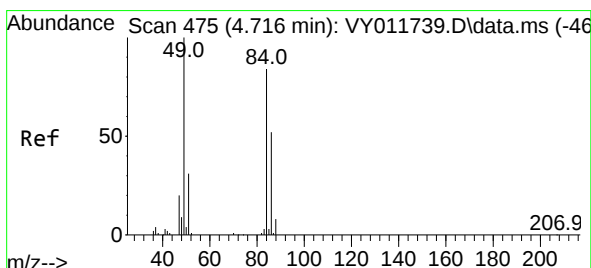
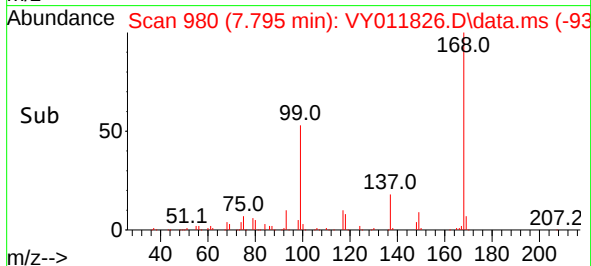
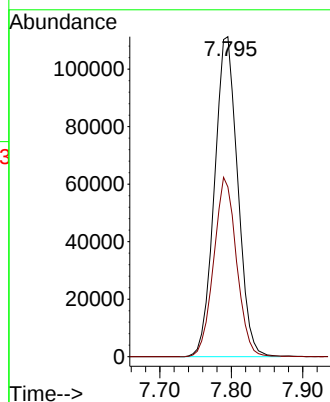
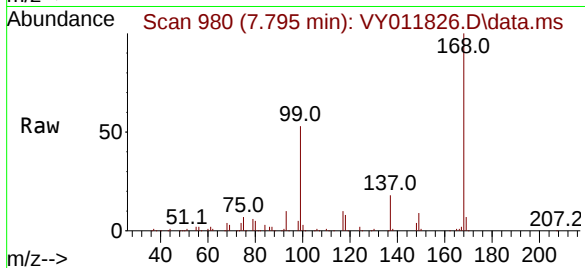




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011826.D
Acq: 14 Dec 2022 05:01

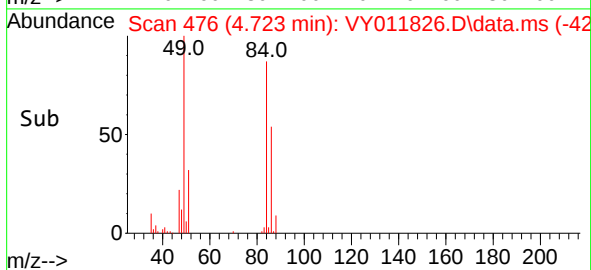
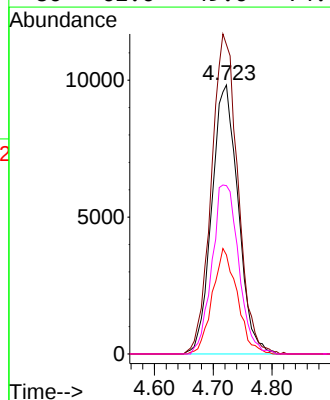
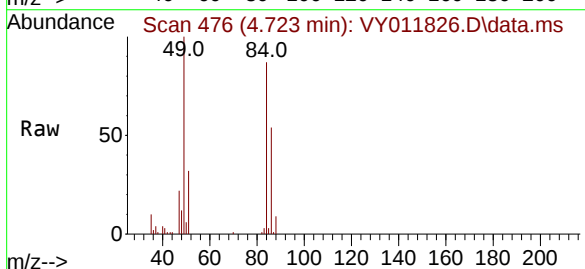
Instrument :
MSVOA_Y
ClientSampleId :
RB-27-(5-7)

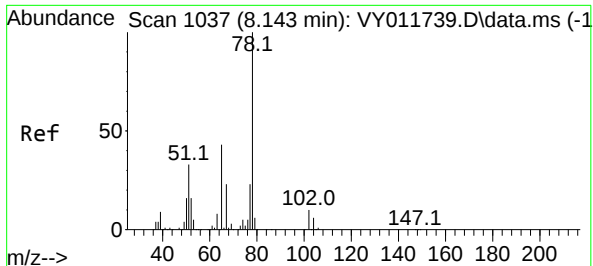
Tgt Ion:168 Resp: 251000
Ion Ratio Lower Upper
168 100
99 53.0 44.0 66.0



#20
Methylene Chloride
Concen: 7.571 ug/l
RT: 4.723 min Scan# 476
Delta R.T. 0.007 min
Lab File: VY011826.D
Acq: 14 Dec 2022 05:01

Tgt Ion: 84 Resp: 30633
Ion Ratio Lower Upper
84 100
49 115.0 95.4 143.2
51 36.9 29.9 44.9
86 62.6 49.6 74.4





#33

1,2-Dichloroethane-d4

Concen: 54.692 ug/l

RT: 8.143 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY011826.D

Acq: 14 Dec 2022 05:01

Instrument :

MSVOA_Y

ClientSampleId :

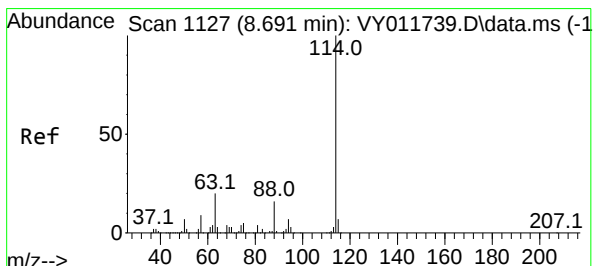
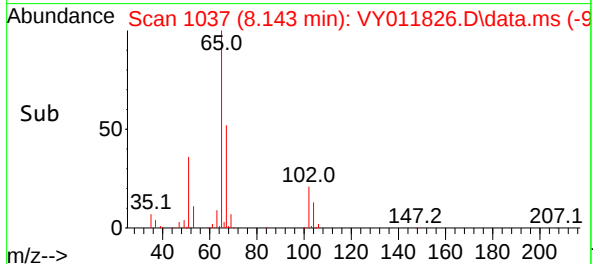
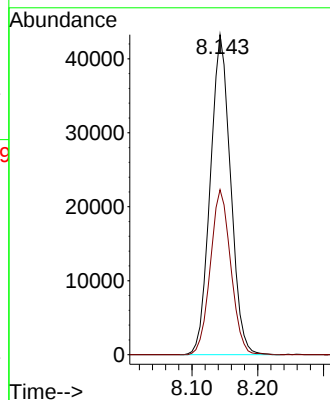
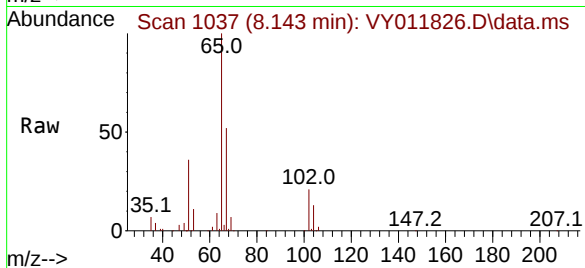
RB-27-(5-7)

Tgt Ion: 65 Resp: 92905

Ion Ratio Lower Upper

65 100

67 51.8 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011826.D

Acq: 14 Dec 2022 05:01

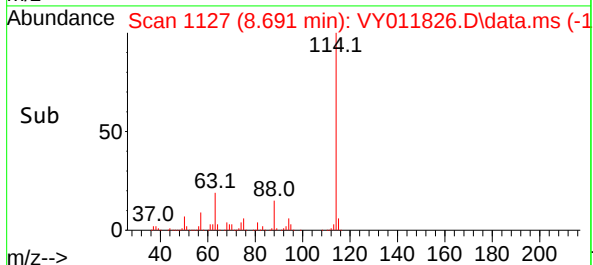
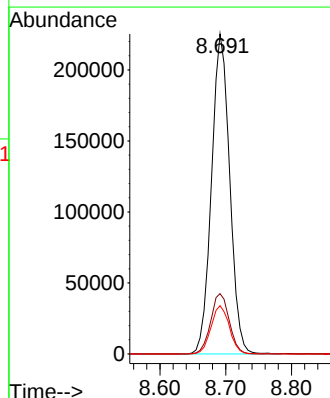
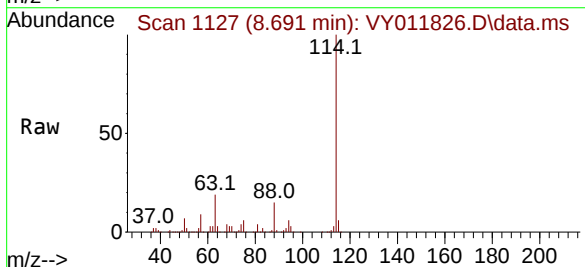
Tgt Ion: 114 Resp: 433386

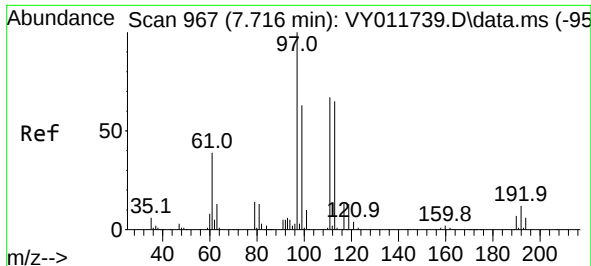
Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.6

88 15.1 0.0 32.2

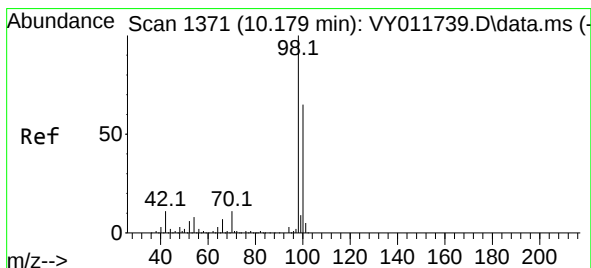
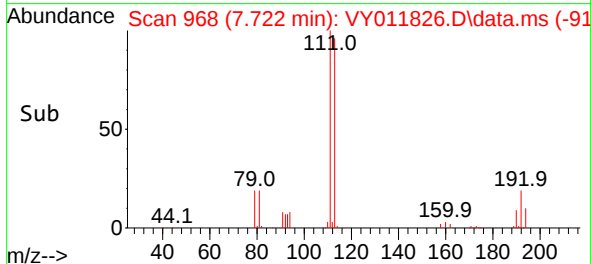
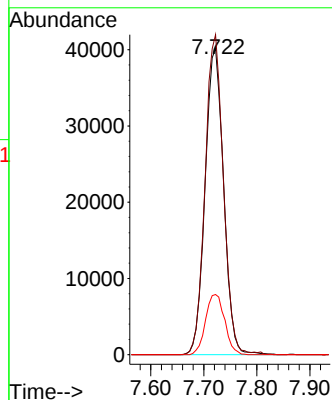
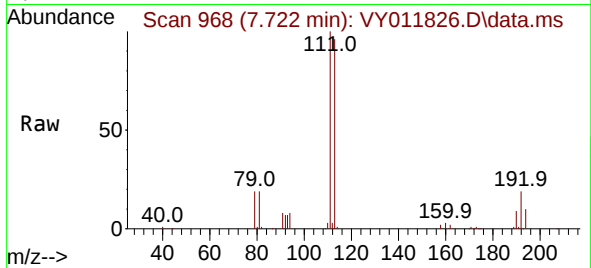




#35
 Dibromofluoromethane
 Concen: 50.598 ug/l
 RT: 7.722 min Scan# 90
 Delta R.T. 0.006 min
 Lab File: VY011826.D
 Acq: 14 Dec 2022 05:01

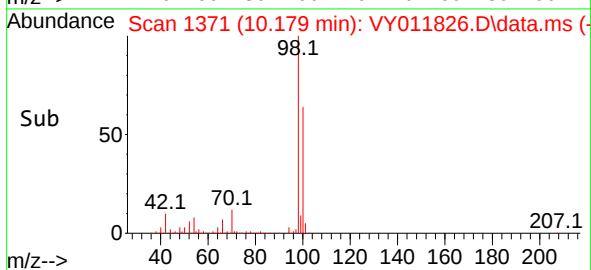
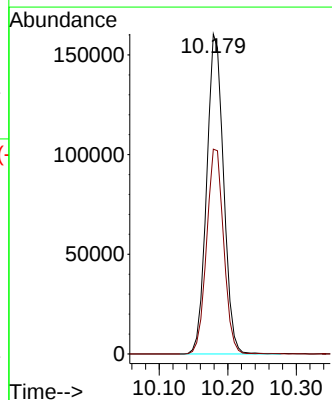
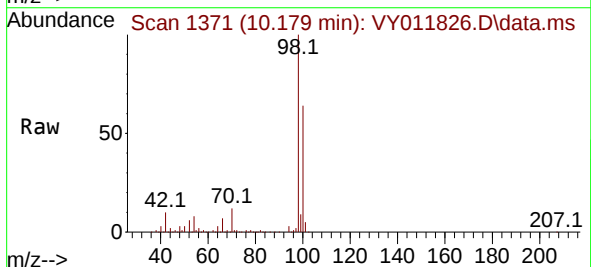
Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-27-(5-7)

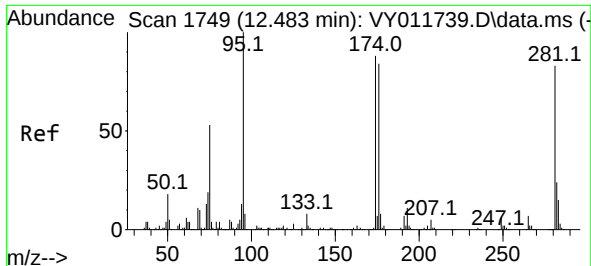
Tgt Ion:113 Resp: 97337
 Ion Ratio Lower Upper
 113 100
 111 102.8 83.0 124.4
 192 20.3 16.0 24.0



#50
 Toluene-d8
 Concen: 42.646 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. -0.000 min
 Lab File: VY011826.D
 Acq: 14 Dec 2022 05:01

Tgt Ion: 98 Resp: 275386
 Ion Ratio Lower Upper
 98 100
 100 64.8 51.9 77.9





#62

4-Bromofluorobenzene

Concen: 37.174 ug/l

RT: 12.483 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY011826.D

Acq: 14 Dec 2022 05:01

Instrument :

MSVOA_Y

ClientSampleId :

RB-27-(5-7)

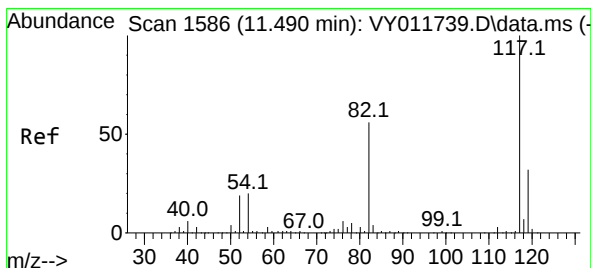
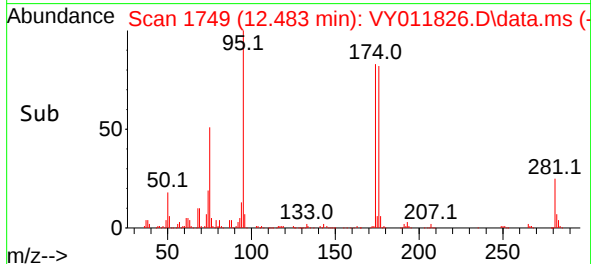
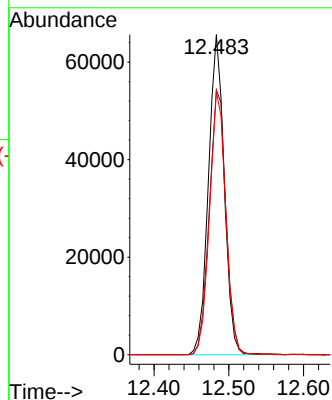
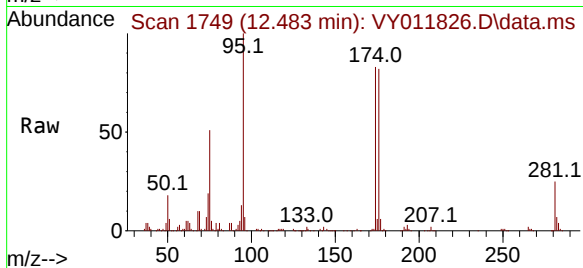
Tgt Ion: 95 Resp: 96351

Ion Ratio Lower Upper

95 100

174 87.6 0.0 172.0

176 84.2 0.0 167.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY011826.D

Acq: 14 Dec 2022 05:01

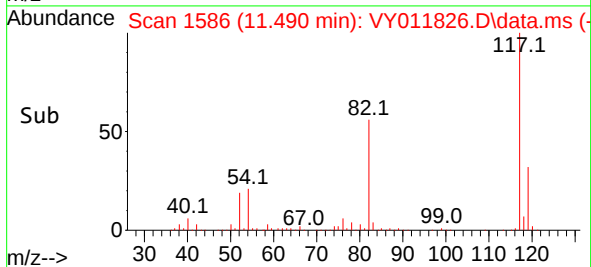
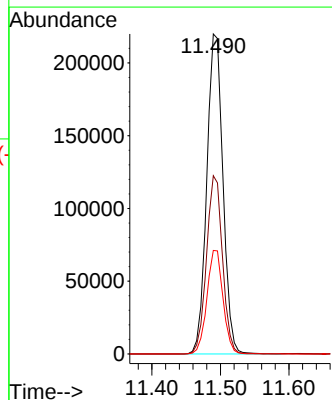
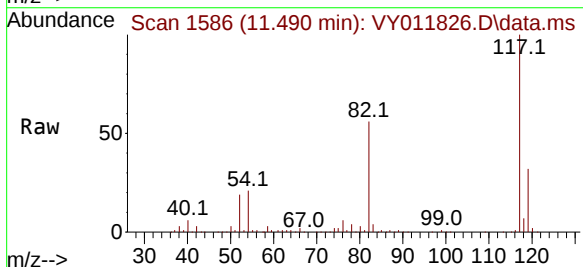
Tgt Ion: 117 Resp: 361699

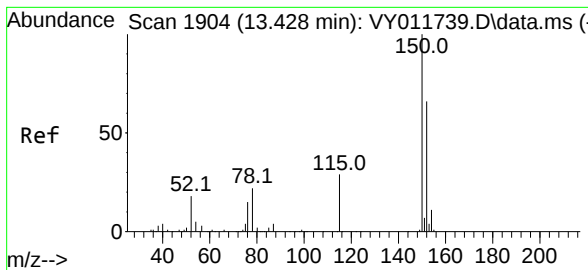
Ion Ratio Lower Upper

117 100

82 55.7 44.8 67.2

119 32.3 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY011826.D
 Acq: 14 Dec 2022 05:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-27-(5-7)

Tgt Ion:152 Resp: 144276
 Ion Ratio Lower Upper
 152 100
 115 57.4 29.1 87.3
 150 156.4 0.0 342.6

