

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121422\
 Data File : VY011846.D
 Acq On : 14 Dec 2022 15:34
 Operator : KP/MD
 Sample : N6037-20RE
 Misc : 5.82g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-26-(2-4)RE

Quant Time: Dec 15 01:20:58 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)

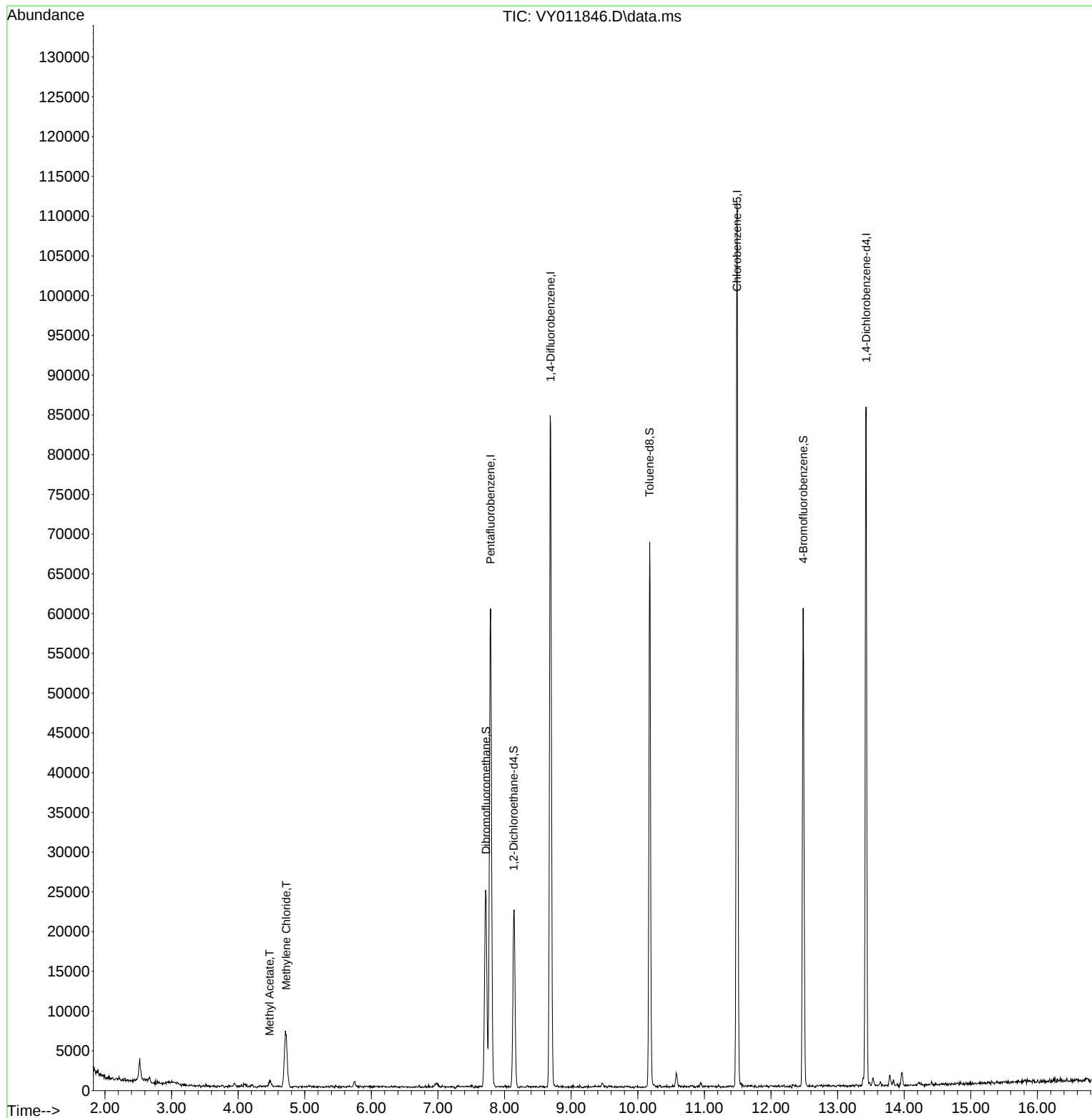
Internal Standards						
1) Pentafluorobenzene	7.789	168	47531	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	74612	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	63490	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	23553	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	18387	57.399	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.800%
35) Dibromofluoromethane	7.722	113	17775	53.926	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.860%
50) Toluene-d8	10.179	98	46160	41.319	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	82.640%
62) 4-Bromofluorobenzene	12.483	95	15739	35.015	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	70.020%
Target Compounds						
18) Methyl Acetate	4.473	43	1326	2.623	ug/l #	90
20) Methylene Chloride	4.723	84	5389	6.560	ug/l	91

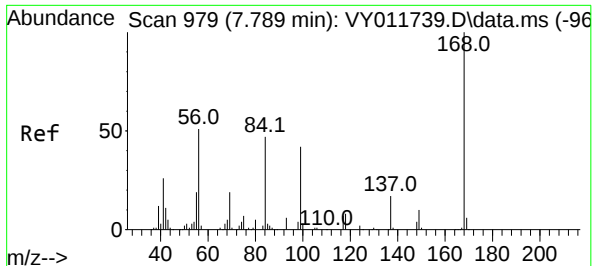
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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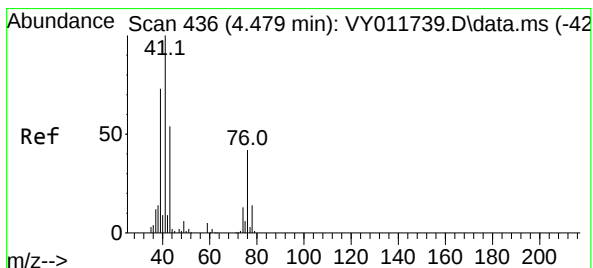
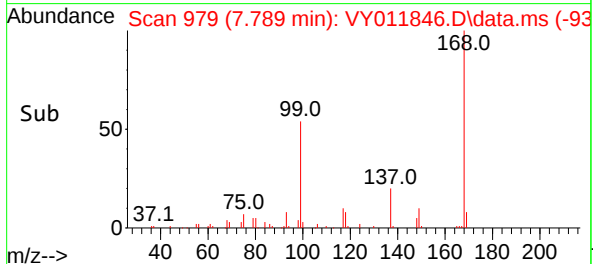
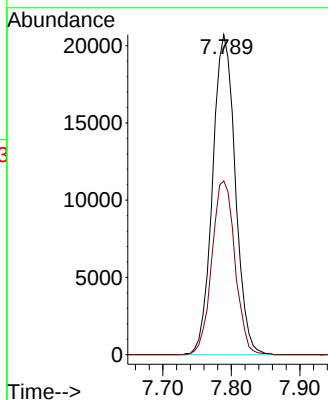
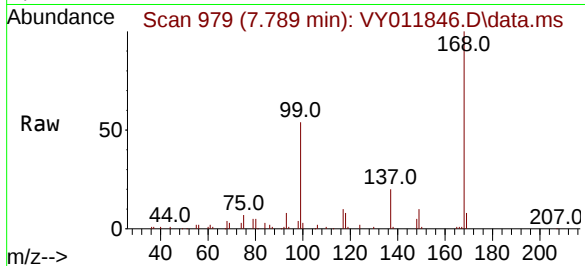




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011846.D
Acq: 14 Dec 2022 15:34

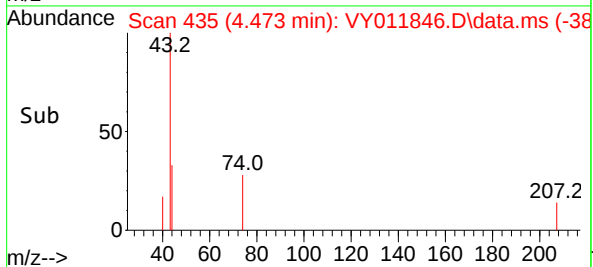
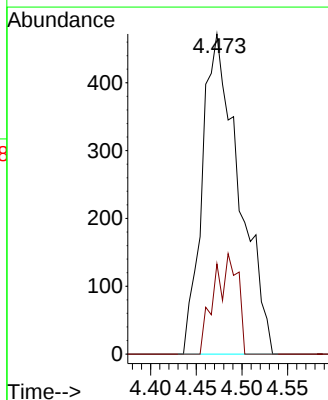
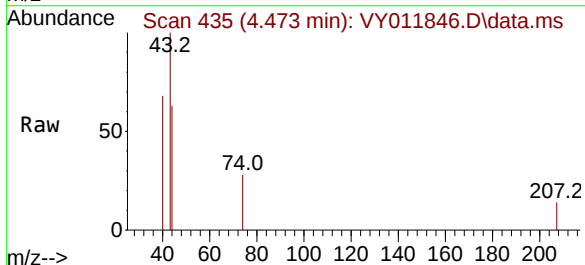
Instrument :
MSVOA_Y
ClientSampleId :
RB-26-(2-4)RE

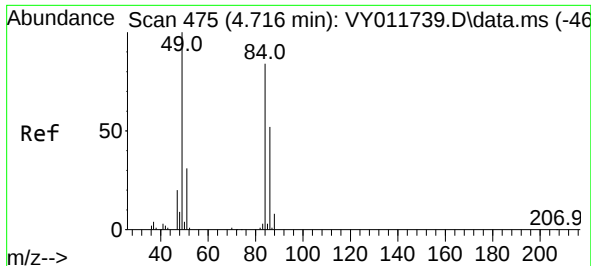
Tgt Ion:168 Resp: 47531
Ion Ratio Lower Upper
168 100
99 54.3 44.0 66.0



#18
Methyl Acetate
Concen: 2.623 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY011846.D
Acq: 14 Dec 2022 15:34

Tgt Ion: 43 Resp: 1326
Ion Ratio Lower Upper
43 100
74 20.0 20.1 30.1#





#20

Methylene Chloride

Concen: 6.560 ug/l

RT: 4.723 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY011846.D

Acq: 14 Dec 2022 15:34

Instrument :

MSVOA_Y

ClientSampleId :

RB-26-(2-4)RE

Tgt Ion: 84 Resp: 5389

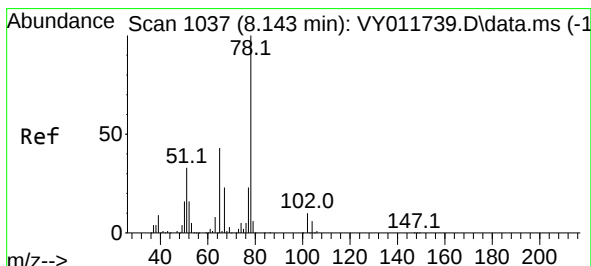
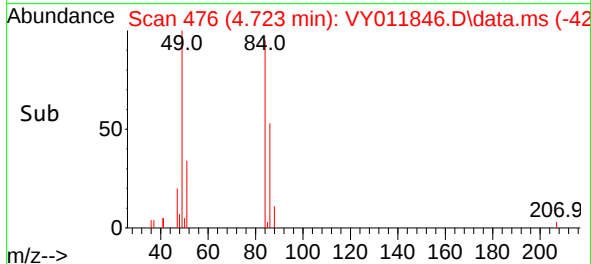
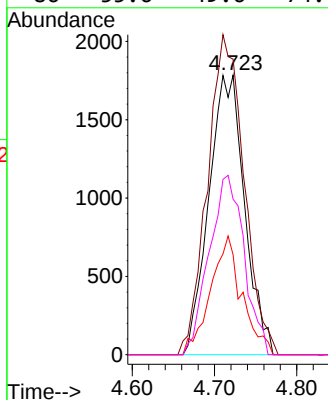
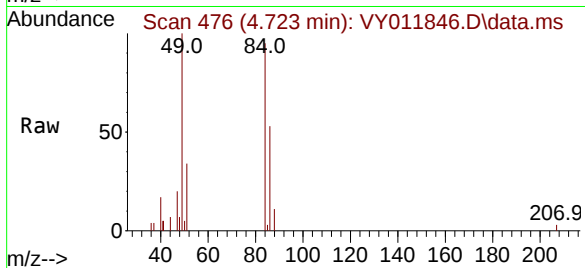
Ion Ratio Lower Upper

84 100

49 105.7 95.4 143.2

51 35.8 29.9 44.9

86 55.6 49.6 74.4



#33

1,2-Dichloroethane-d4

Concen: 57.399 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY011846.D

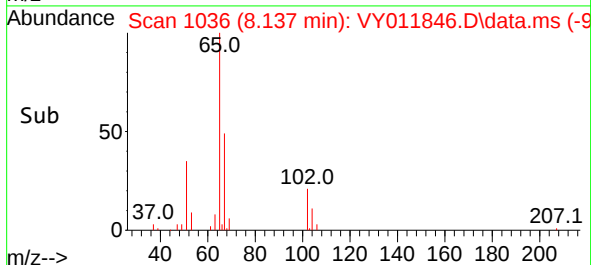
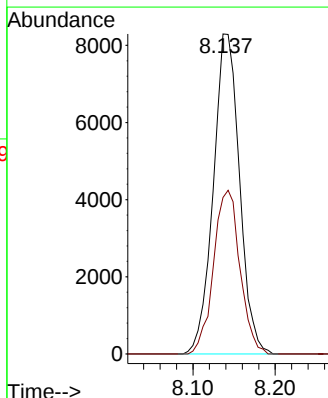
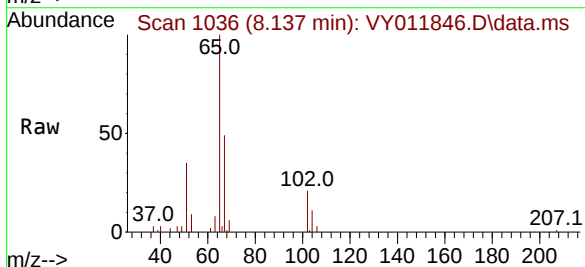
Acq: 14 Dec 2022 15:34

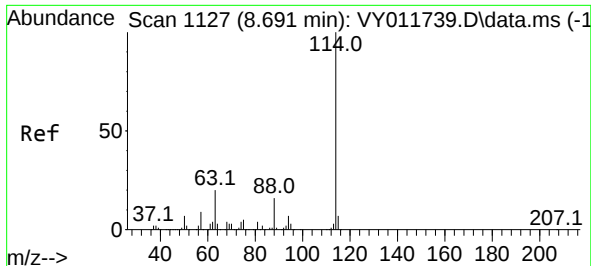
Tgt Ion: 65 Resp: 18387

Ion Ratio Lower Upper

65 100

67 51.5 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: VY011846.D

Acq: 14 Dec 2022 15:34

Instrument :

MSVOA_Y

ClientSampleId :

RB-26-(2-4)RE

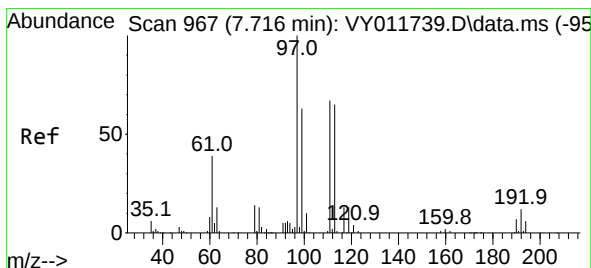
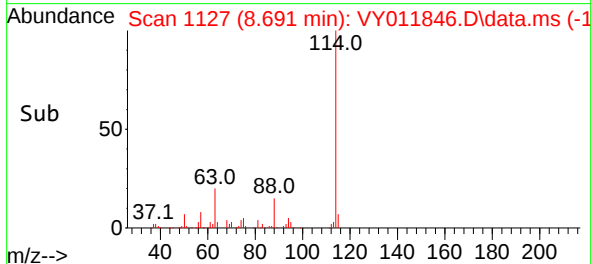
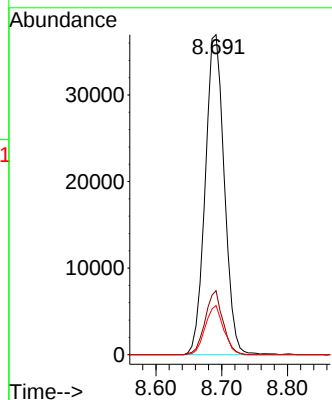
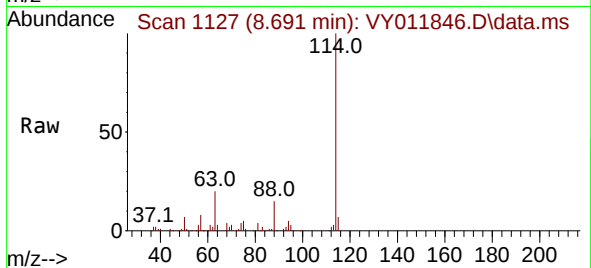
Tgt Ion:114 Resp: 74612

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.6

88 15.4 0.0 32.2



#35

Dibromofluoromethane

Concen: 53.926 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY011846.D

Acq: 14 Dec 2022 15:34

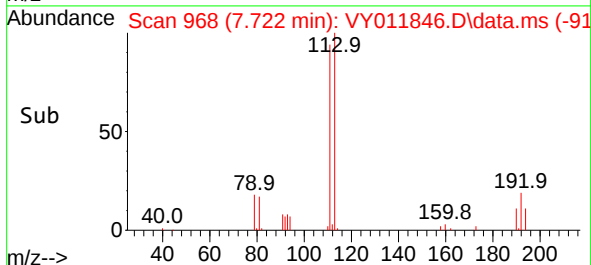
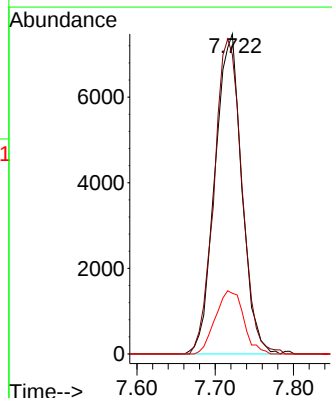
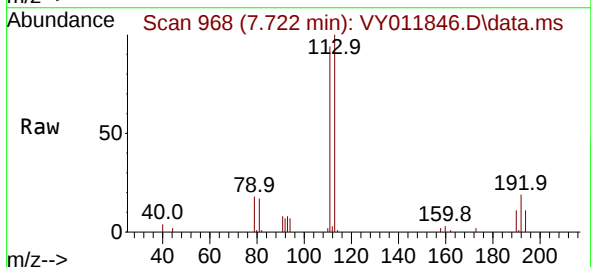
Tgt Ion:113 Resp: 17775

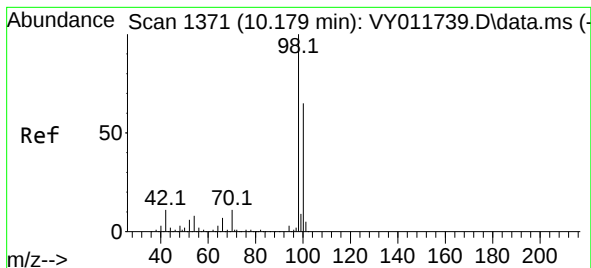
Ion Ratio Lower Upper

113 100

111 101.7 83.0 124.4

192 20.8 16.0 24.0





#50

Toluene-d8

Concen: 41.319 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY011846.D

Acq: 14 Dec 2022 15:34

Instrument :

MSVOA_Y

ClientSampleId :

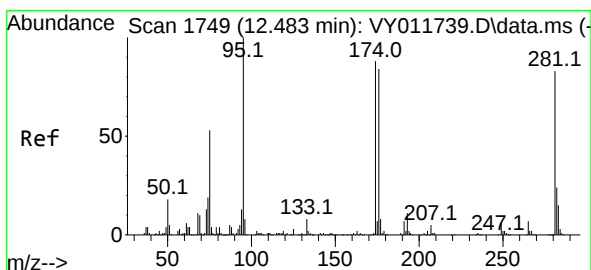
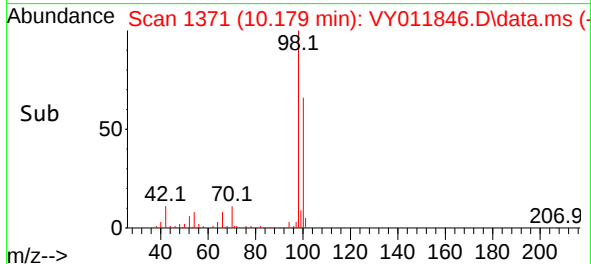
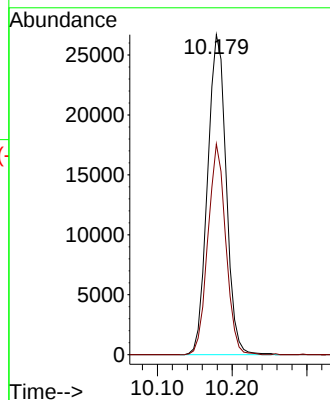
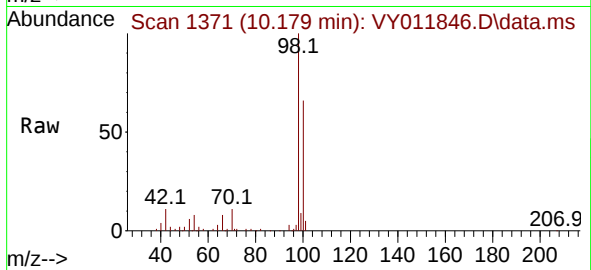
RB-26-(2-4)RE

Tgt Ion: 98 Resp: 46160

Ion Ratio Lower Upper

98 100

100 63.1 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 35.015 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY011846.D

Acq: 14 Dec 2022 15:34

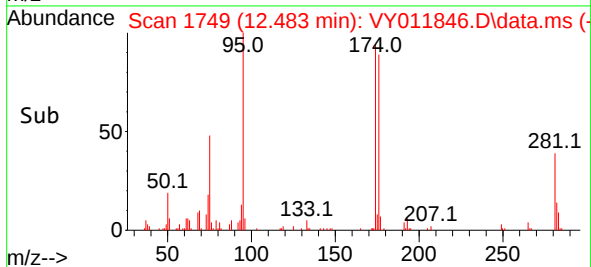
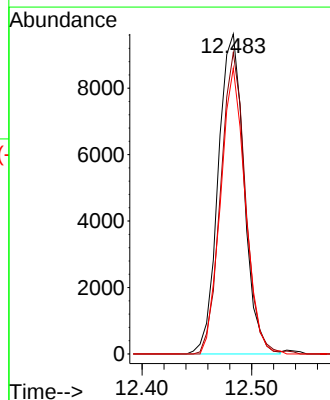
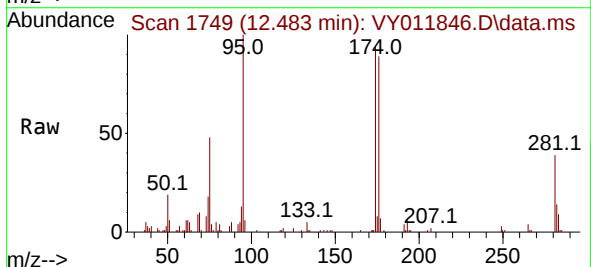
Tgt Ion: 95 Resp: 15739

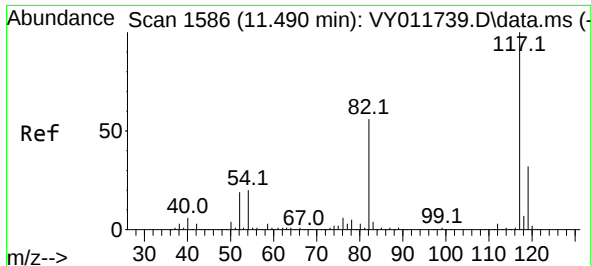
Ion Ratio Lower Upper

95 100

174 90.2 0.0 172.0

176 85.5 0.0 167.6

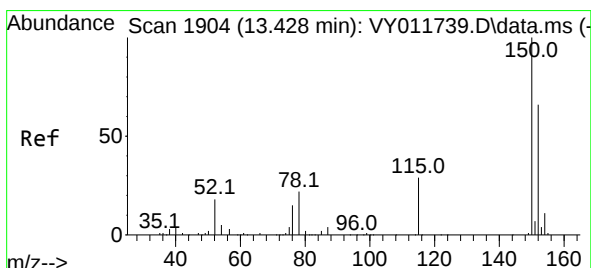
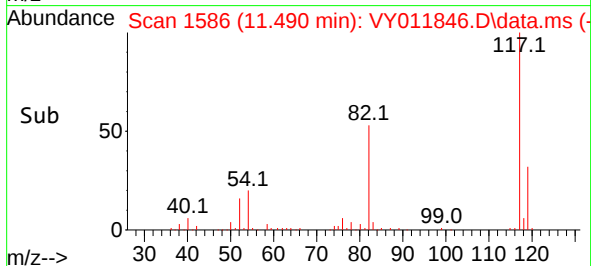
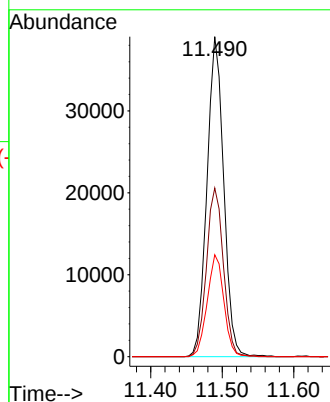
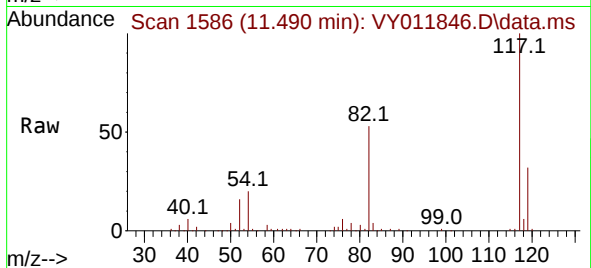




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY011846.D
Acq: 14 Dec 2022 15:34

Instrument :
MSVOA_Y
ClientSampleId :
RB-26-(2-4)RE

Tgt Ion:117 Resp: 63490
Ion Ratio Lower Upper
117 100
82 52.7 44.8 67.2
119 31.8 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: VY011846.D
Acq: 14 Dec 2022 15:34

Tgt Ion:152 Resp: 23553
Ion Ratio Lower Upper
152 100
115 57.1 29.1 87.3
150 156.3 0.0 342.6

