

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121422\
 Data File : VY011858.D
 Acq On : 14 Dec 2022 20:05
 Operator : KP/MD
 Sample : N6038-11
 Misc : 3.93g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-34-(1.5-2)

Quant Time: Dec 15 01:24:14 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)

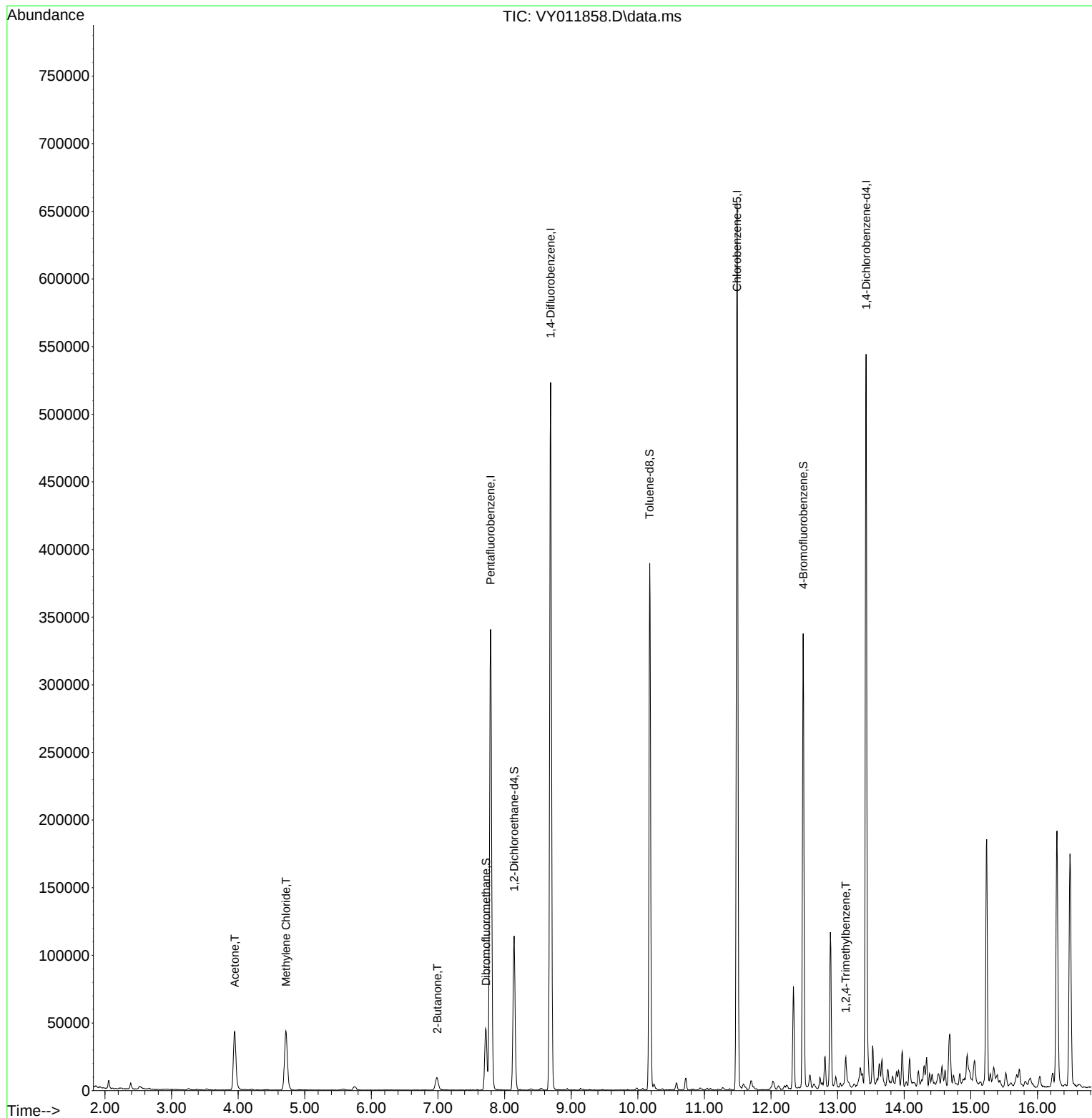
Internal Standards						
1) Pentafluorobenzene	7.789	168	261837	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	440482	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	362087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	141938	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	88201	49.297	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.600%
35) Dibromofluoromethane	7.722	113	32552	13.819	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	27.640%#
50) Toluene-d8	10.179	98	259186	38.924	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	77.840%
62) 4-Bromofluorobenzene	12.483	95	95478	36.118	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	72.240%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	75977	106.268	ug/l	97
20) Methylene Chloride	4.716	84	33152	8.103	ug/l	97
25) 2-Butanone	6.990	43	9985	10.857	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	12701	1.660	ug/l	91

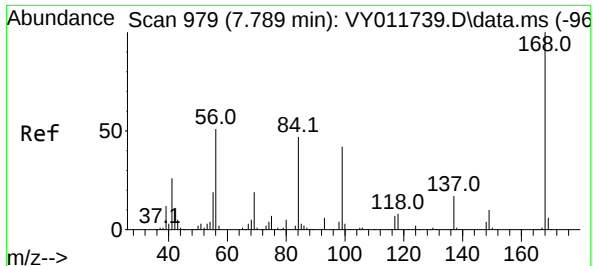
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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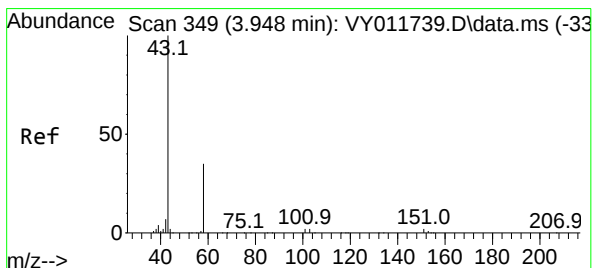
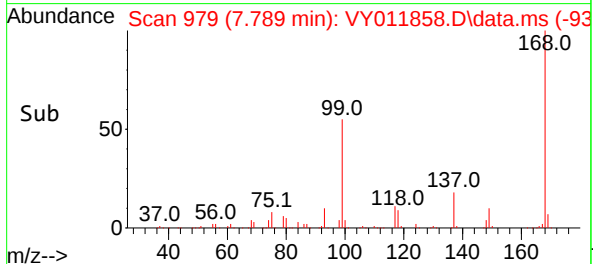
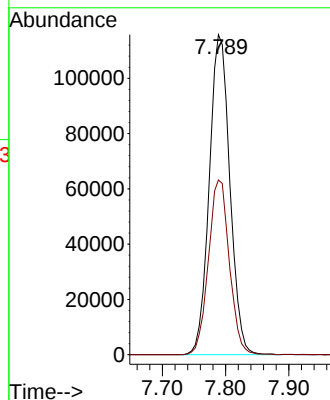
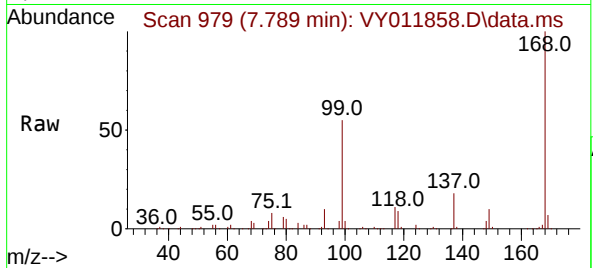




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011858.D
Acq: 14 Dec 2022 20:05

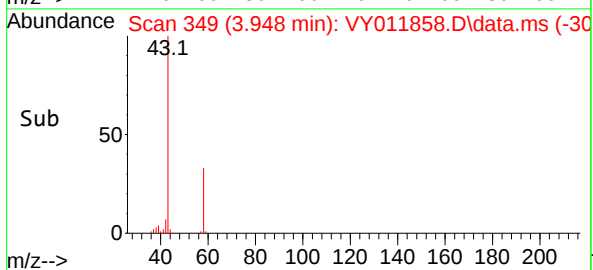
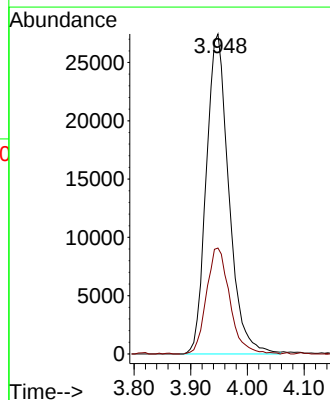
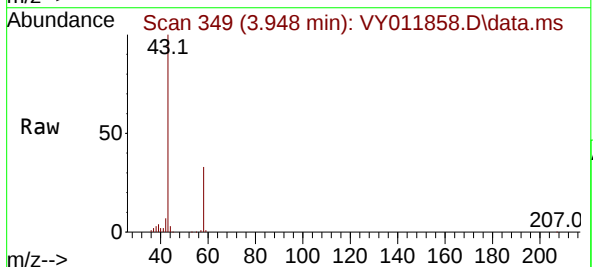
Instrument :
MSVOA_Y
ClientSampleId :
RB-34-(1.5-2)

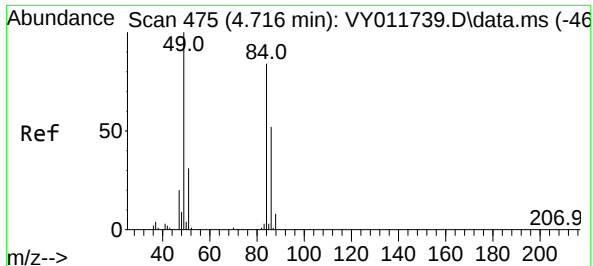
Tgt Ion:168 Resp: 261837
Ion Ratio Lower Upper
168 100
99 54.6 44.0 66.0



#16
Acetone
Concen: 106.268 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY011858.D
Acq: 14 Dec 2022 20:05

Tgt Ion: 43 Resp: 75977
Ion Ratio Lower Upper
43 100
58 33.1 27.9 41.9

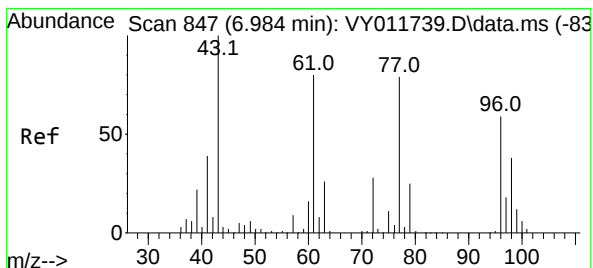
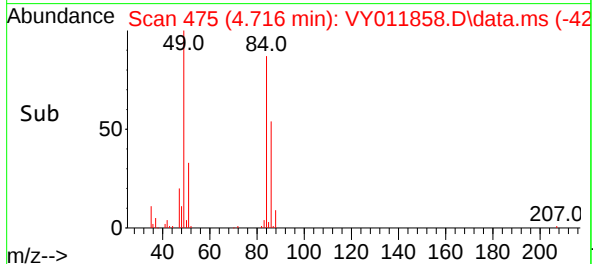
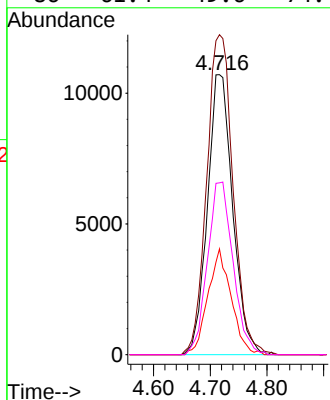
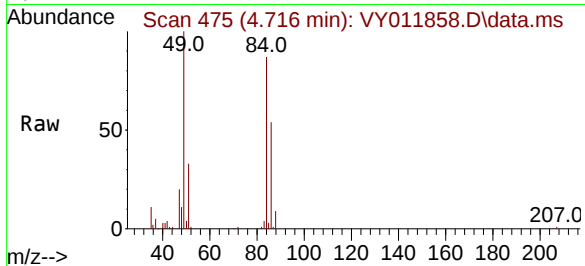




#20
Methylene Chloride
Concen: 8.103 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011858.D
Acq: 14 Dec 2022 20:05

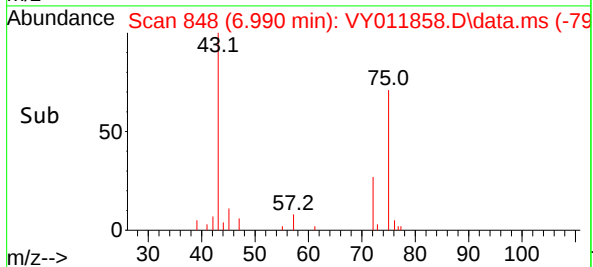
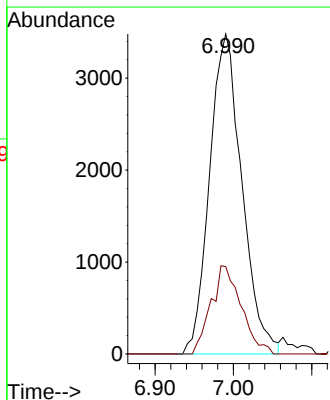
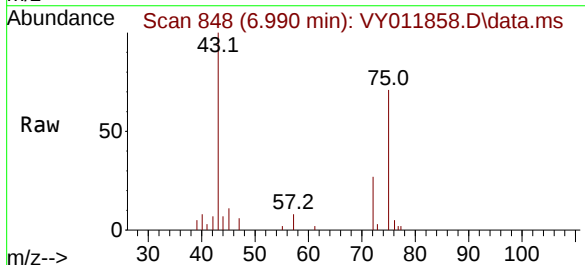
Instrument :
MSVOA_Y
ClientSampleId :
RB-34-(1.5-2)

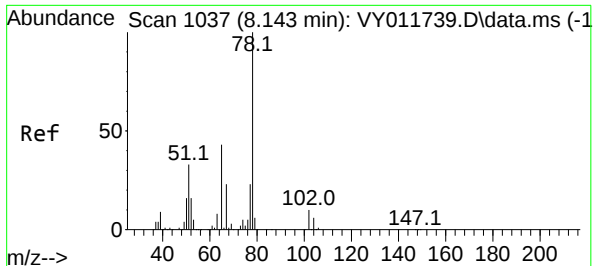
Tgt Ion:	84	Resp:	33152
Ion	Ratio	Lower	Upper
84	100		
49	114.3	95.4	143.2
51	37.8	29.9	44.9
86	61.4	49.6	74.4



#25
2-Butanone
Concen: 10.857 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY011858.D
Acq: 14 Dec 2022 20:05

Tgt Ion:	43	Resp:	9985
Ion	Ratio	Lower	Upper
43	100		
72	27.3	22.6	34.0





#33

1,2-Dichloroethane-d4

Concen: 49.297 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY011858.D

Acq: 14 Dec 2022 20:05

Instrument :

MSVOA_Y

ClientSampleId :

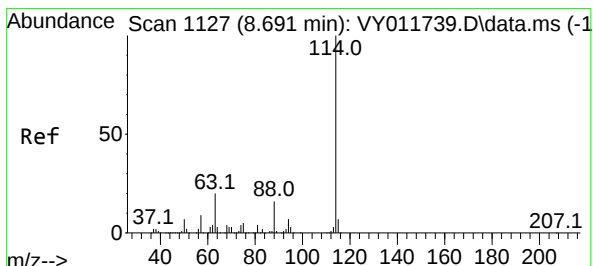
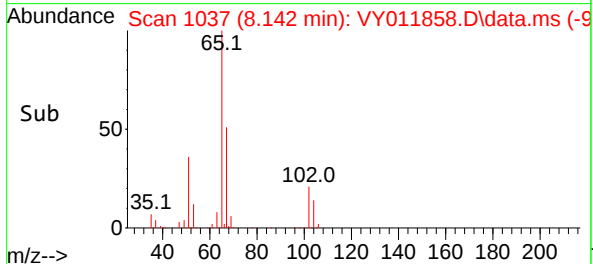
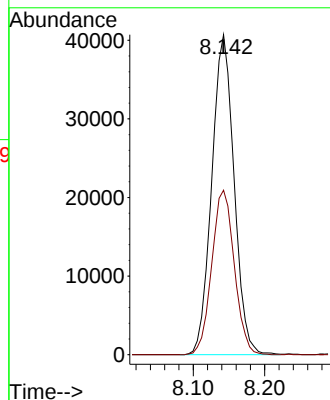
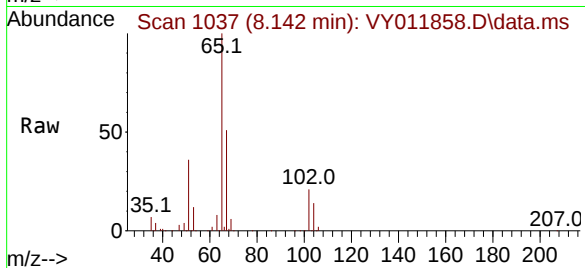
RB-34-(1.5-2)

Tgt Ion: 65 Resp: 88201

Ion Ratio Lower Upper

65 100

67 51.9 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: VY011858.D

Acq: 14 Dec 2022 20:05

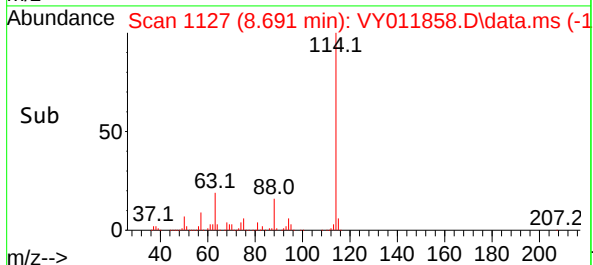
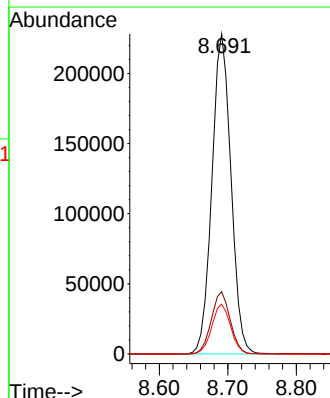
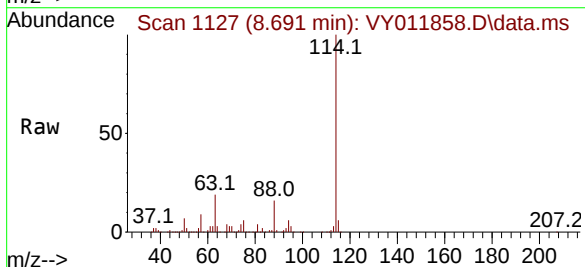
Tgt Ion: 114 Resp: 440482

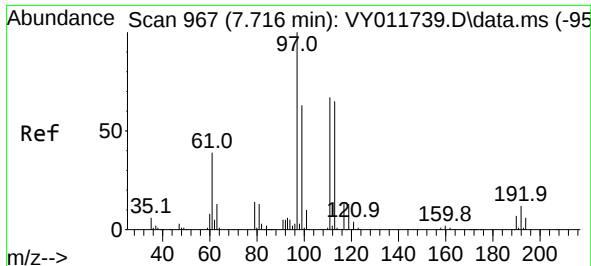
Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.6

88 15.6 0.0 32.2

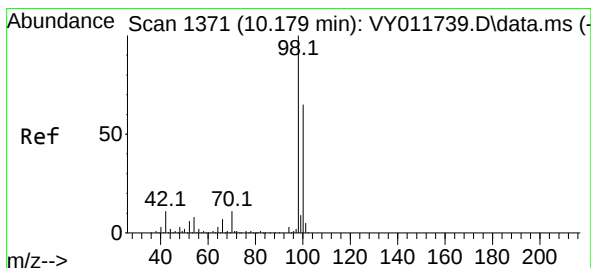
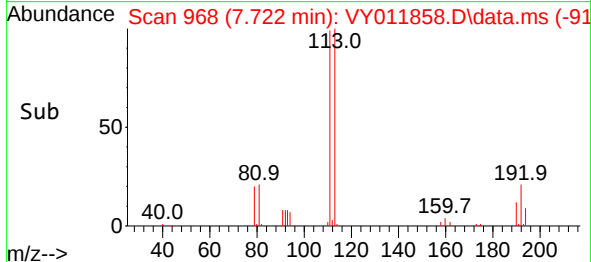
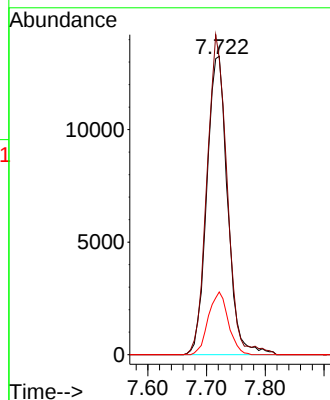
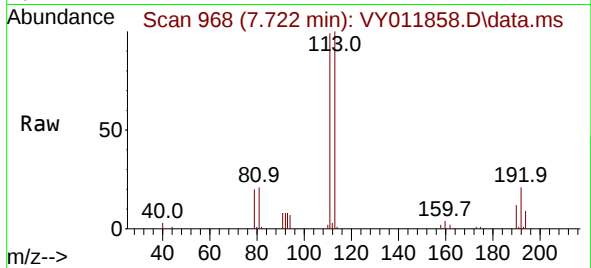




#35
Dibromofluoromethane
Concen: 13.819 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY011858.D
Acq: 14 Dec 2022 20:05

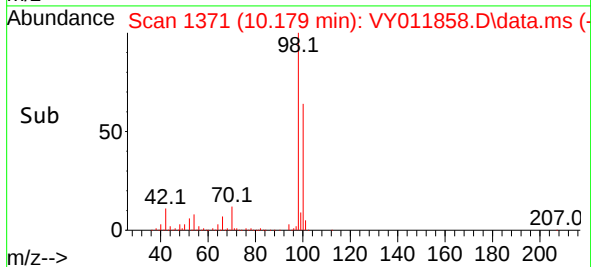
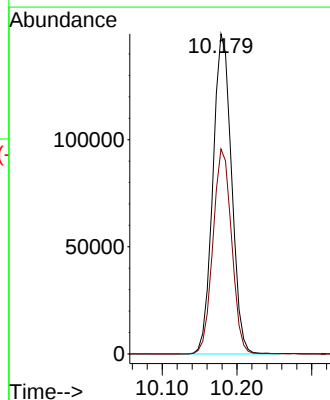
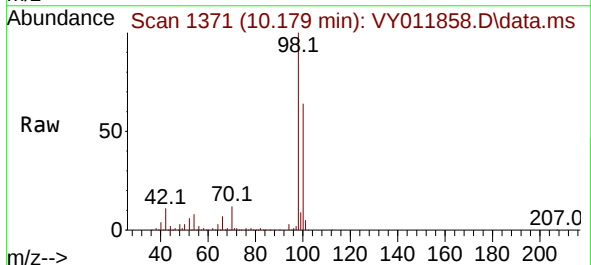
Instrument :
MSVOA_Y
ClientSampleId :
RB-34-(1.5-2)

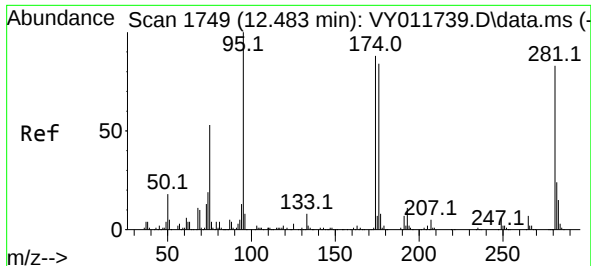
Tgt Ion:113 Resp: 32552
Ion Ratio Lower Upper
113 100
111 103.8 83.0 124.4
192 20.1 16.0 24.0



#50
Toluene-d8
Concen: 38.924 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011858.D
Acq: 14 Dec 2022 20:05

Tgt Ion: 98 Resp: 259186
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9





#62

4-Bromofluorobenzene

Concen: 36.118 ug/l

RT: 12.483 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY011858.D

Acq: 14 Dec 2022 20:05

Instrument :

MSVOA_Y

ClientSampleId :

RB-34-(1.5-2)

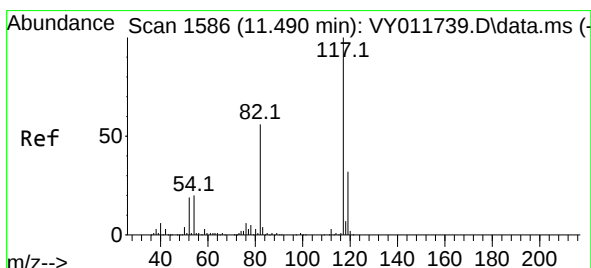
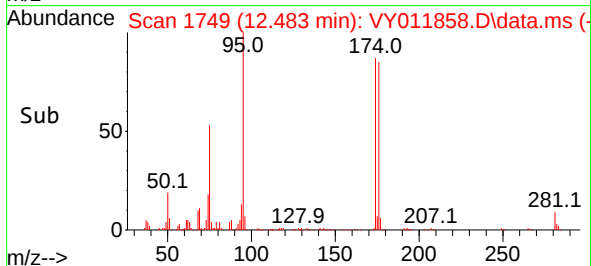
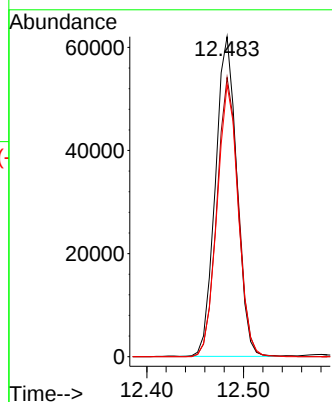
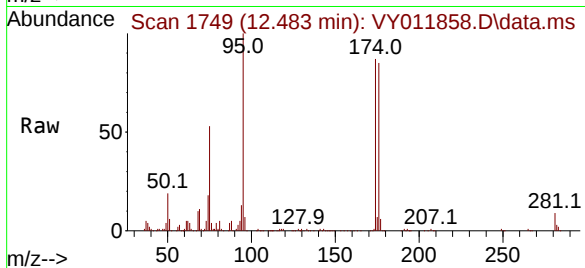
Tgt Ion: 95 Resp: 95478

Ion Ratio Lower Upper

95 100

174 87.0 0.0 172.0

176 83.9 0.0 167.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. -0.000 min

Lab File: VY011858.D

Acq: 14 Dec 2022 20:05

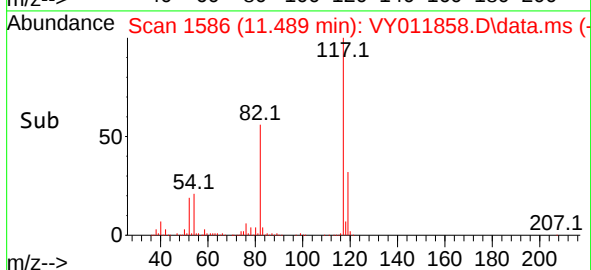
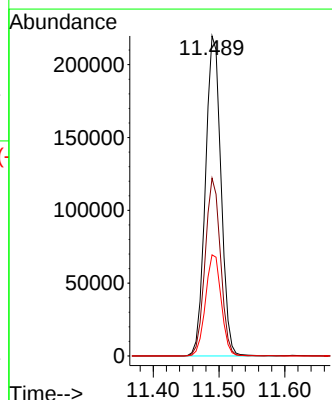
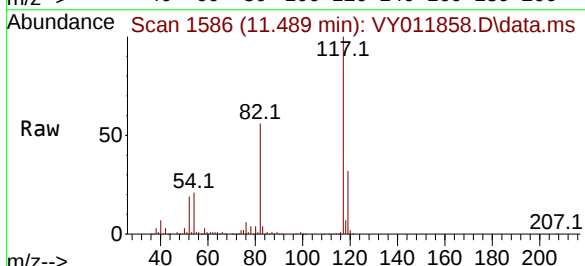
Tgt Ion: 117 Resp: 362087

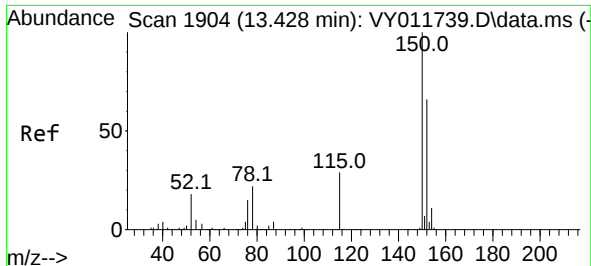
Ion Ratio Lower Upper

117 100

82 55.6 44.8 67.2

119 31.6 25.4 38.2

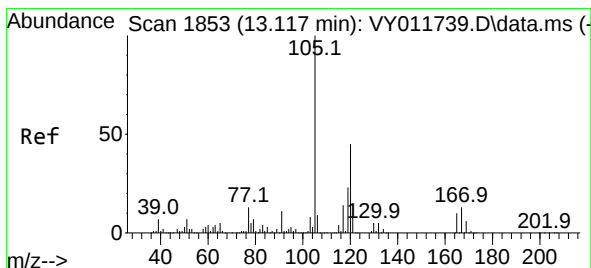
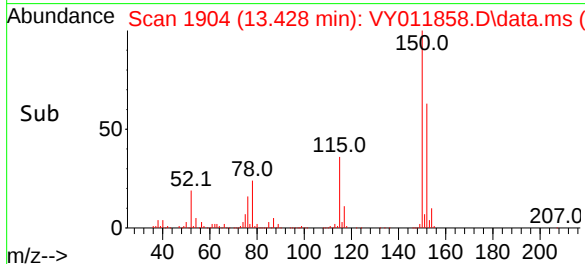
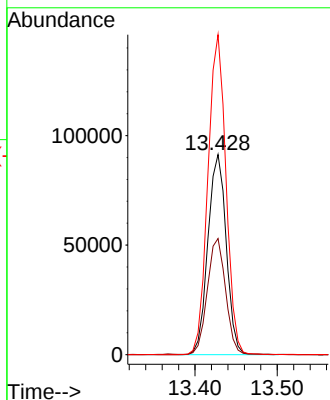
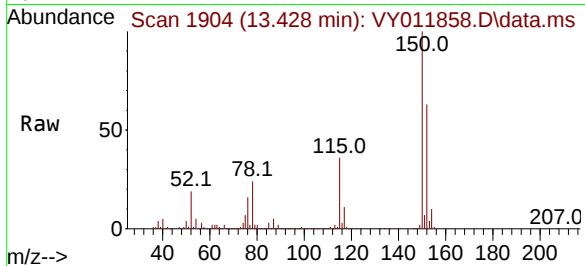




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY011858.D
 Acq: 14 Dec 2022 20:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-34-(1.5-2)

Tgt Ion:152 Resp: 141938
 Ion Ratio Lower Upper
 152 100
 115 58.1 29.1 87.3
 150 157.3 0.0 342.6



#84
 1,2,4-Trimethylbenzene
 Concen: 1.660 ug/l
 RT: 13.123 min Scan# 1854
 Delta R.T. 0.006 min
 Lab File: VY011858.D
 Acq: 14 Dec 2022 20:05

Tgt Ion:105 Resp: 12701
 Ion Ratio Lower Upper
 105 100
 120 40.1 22.9 68.7

