

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020823\
 Data File : VY012536.D
 Acq On : 08 Feb 2023 12:42
 Operator : KP/MD
 Sample : 01466-03RE
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A-3RE

Quant Time: Feb 09 07:13:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

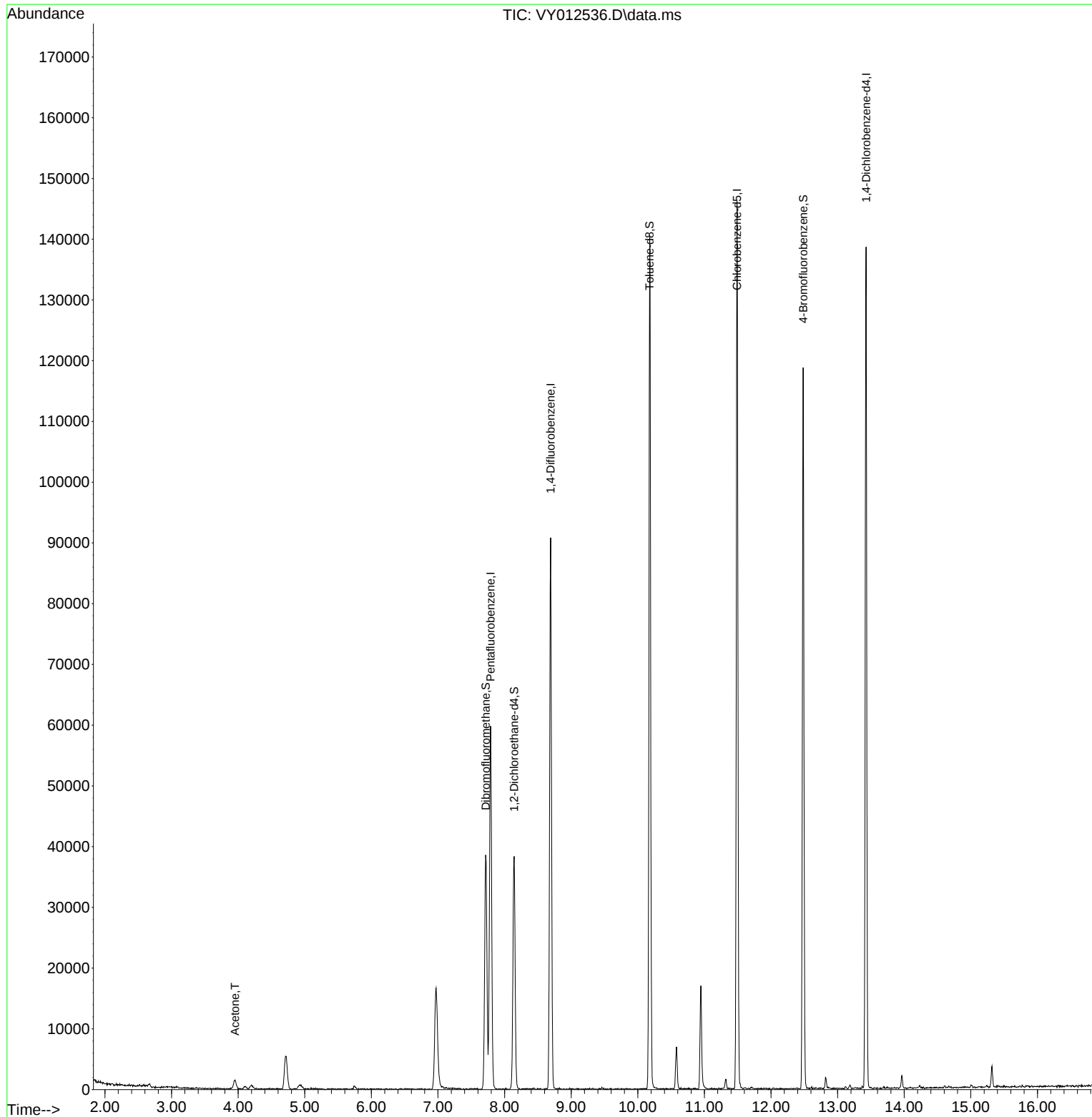
Internal Standards						
1) Pentafluorobenzene	7.789	168	48008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	81329	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	85631	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	38966	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	32832	53.781	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.560%	
35) Dibromofluoromethane	7.715	113	26541	44.811	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 89.620%	
50) Toluene-d8	10.178	98	96992	39.343	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 78.680%	
62) 4-Bromofluorobenzene	12.483	95	33085	38.476	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 76.960%	
Target Compounds						Qvalue
16) Acetone	3.954	43	2755	18.750	ug/l	95

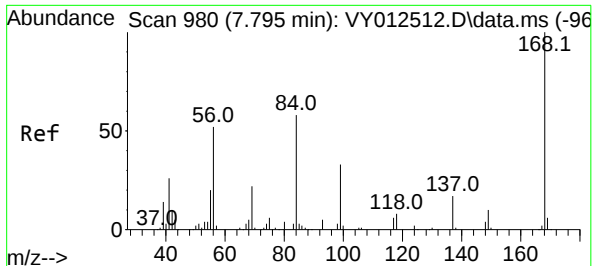
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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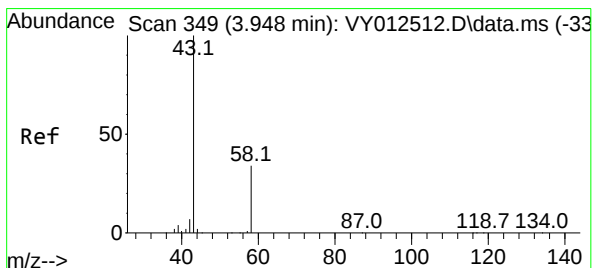
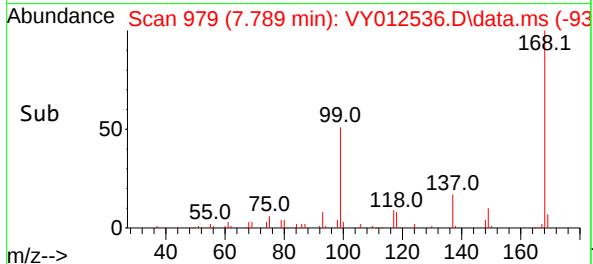
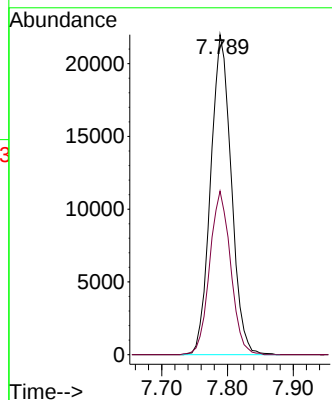
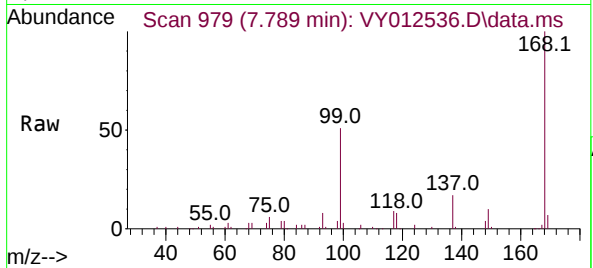




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012536.D
Acq: 08 Feb 2023 12:42

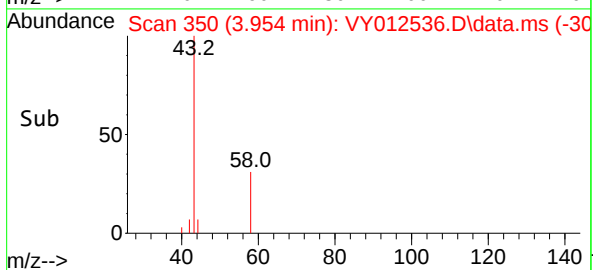
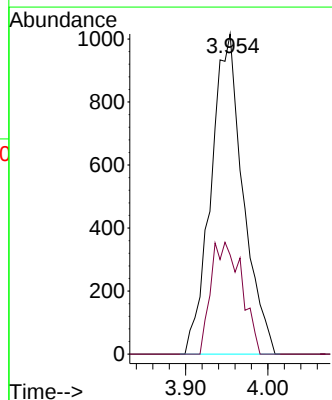
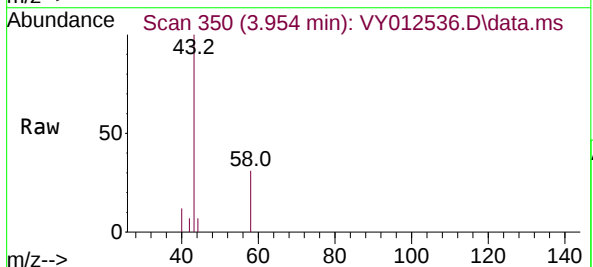
Instrument :
MSVOA_Y
ClientSampleId :
A-3RE

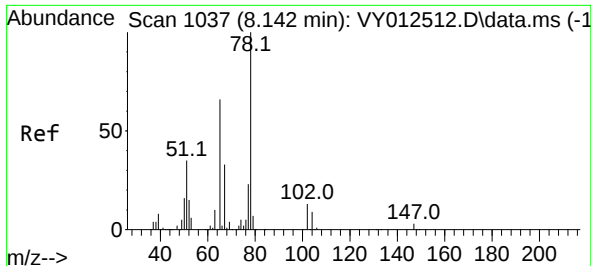
Tgt Ion:168 Resp: 48008
Ion Ratio Lower Upper
168 100
99 51.1 40.8 61.2



#16
Acetone
Concen: 18.750 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY012536.D
Acq: 08 Feb 2023 12:42

Tgt Ion: 43 Resp: 2755
Ion Ratio Lower Upper
43 100
58 31.0 27.1 40.7





#33

1,2-Dichloroethane-d4

Concen: 53.781 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY012536.D

Acq: 08 Feb 2023 12:42

Instrument :

MSVOA_Y

ClientSampleId :

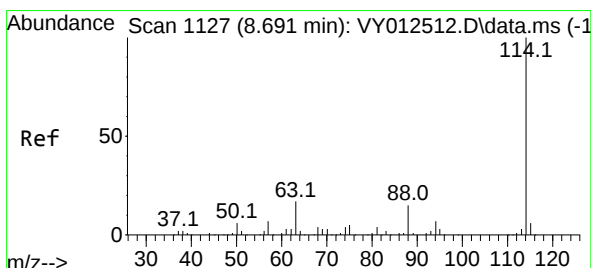
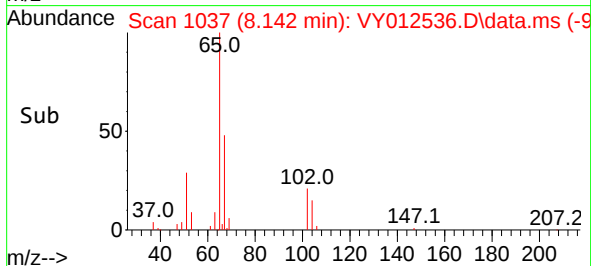
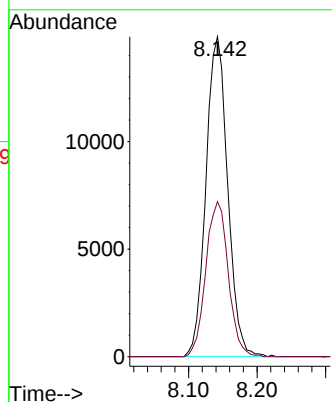
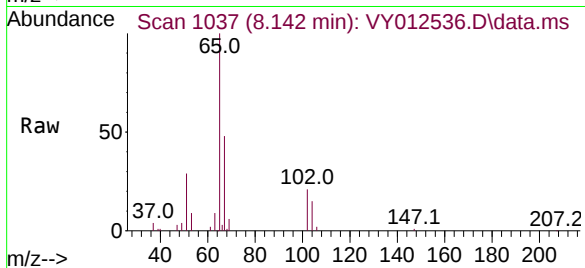
A-3RE

Tgt Ion: 65 Resp: 32832

Ion Ratio Lower Upper

65 100

67 50.1 0.0 98.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012536.D

Acq: 08 Feb 2023 12:42

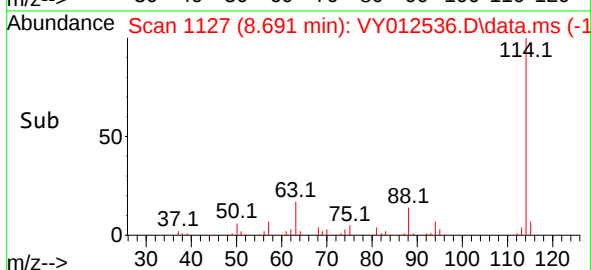
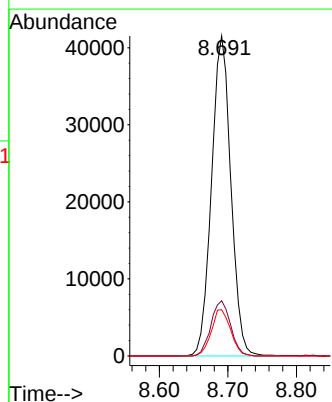
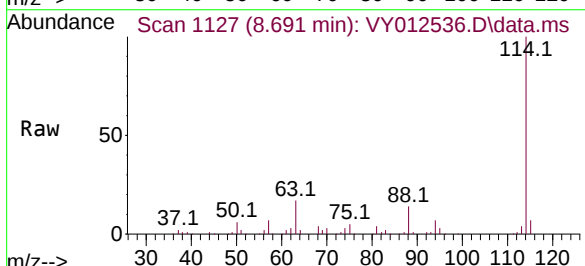
Tgt Ion: 114 Resp: 81329

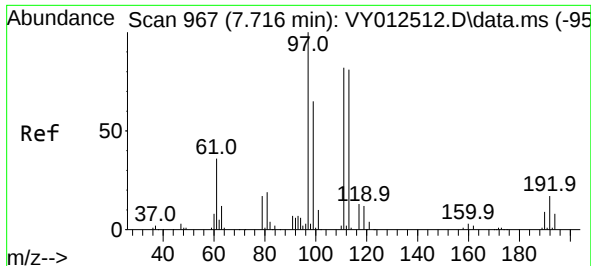
Ion Ratio Lower Upper

114 100

63 17.2 0.0 33.6

88 14.4 0.0 29.8



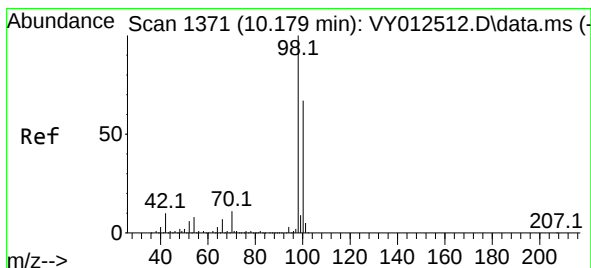
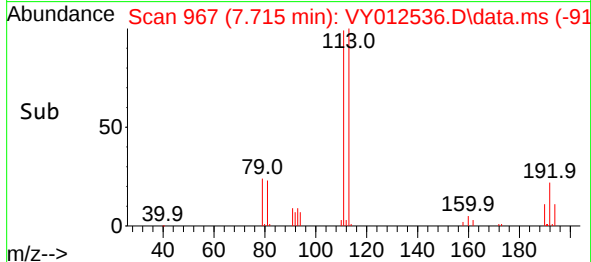
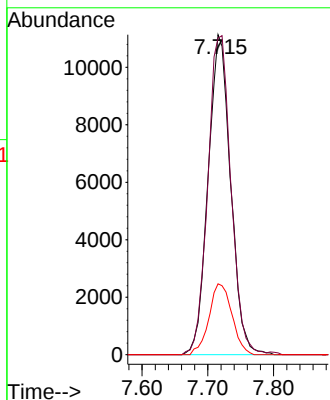
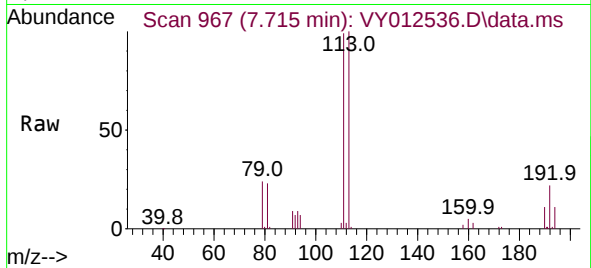


#35
 Dibromofluoromethane
 Concen: 44.811 ug/l
 RT: 7.715 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VY012536.D
 Acq: 08 Feb 2023 12:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 A-3RE

Tgt Ion:113 Resp: 26541

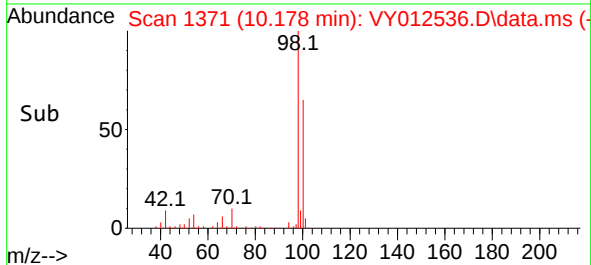
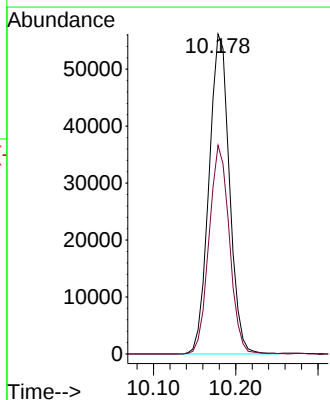
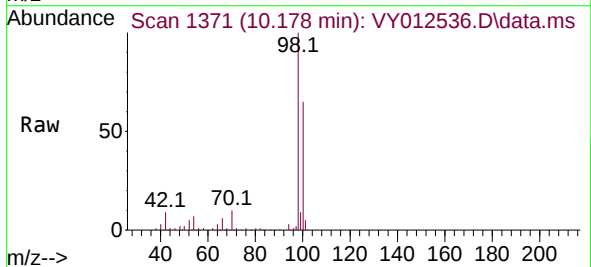
Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.9	122.9
192	22.6	17.5	26.3

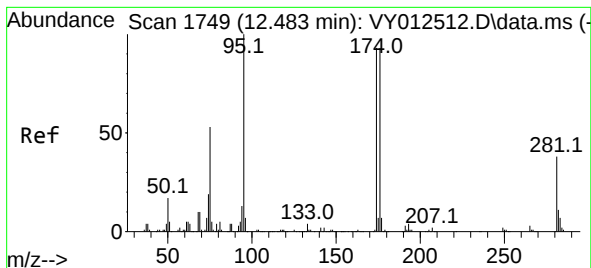


#50
 Toluene-d8
 Concen: 39.343 ug/l
 RT: 10.178 min Scan# 1371
 Delta R.T. -0.000 min
 Lab File: VY012536.D
 Acq: 08 Feb 2023 12:42

Tgt Ion: 98 Resp: 96992

Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.2	78.2





#62

4-Bromofluorobenzene

Concen: 38.476 ug/l

RT: 12.483 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012536.D

Acq: 08 Feb 2023 12:42

Instrument :

MSVOA_Y

ClientSampleId :

A-3RE

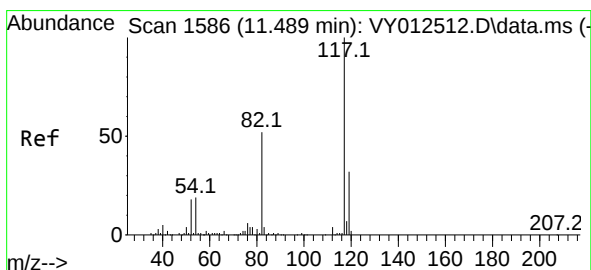
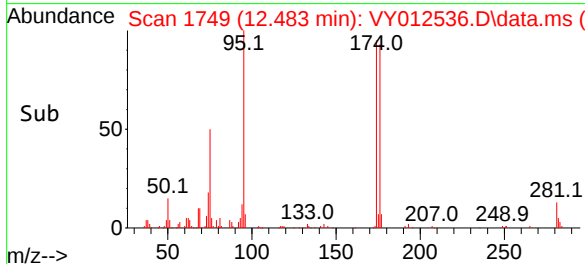
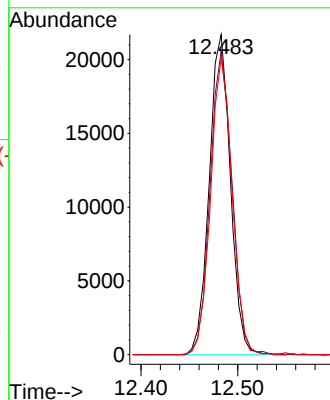
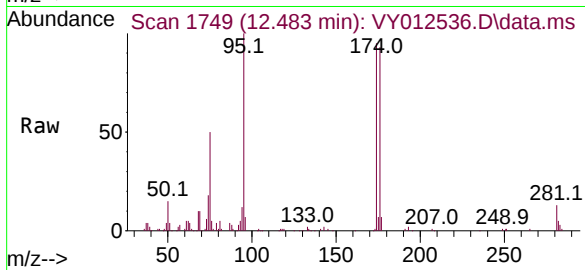
Tgt Ion: 95 Resp: 33085

Ion Ratio Lower Upper

95 100

174 97.5 0.0 188.0

176 94.2 0.0 183.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. -0.000 min

Lab File: VY012536.D

Acq: 08 Feb 2023 12:42

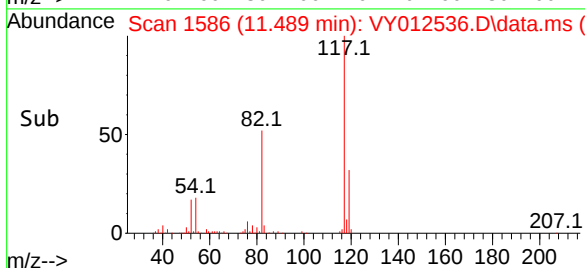
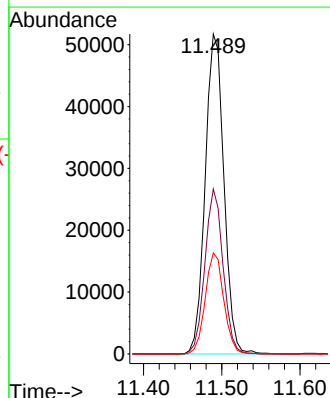
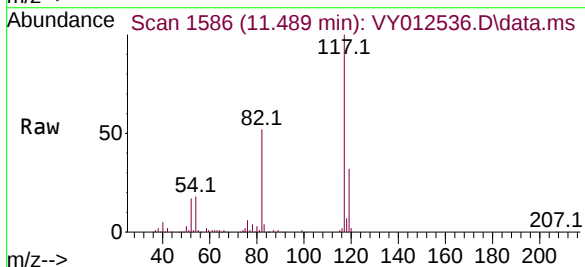
Tgt Ion: 117 Resp: 85631

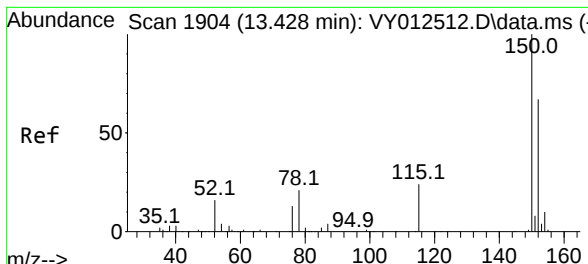
Ion Ratio Lower Upper

117 100

82 51.5 41.7 62.5

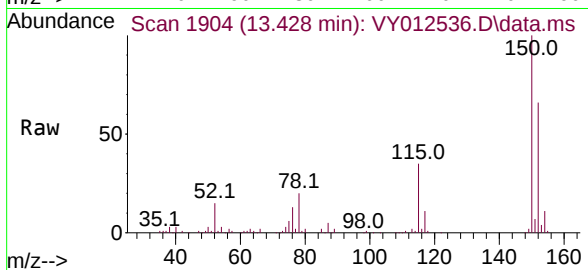
119 31.5 25.8 38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY012536.D
 Acq: 08 Feb 2023 12:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 A-3RE



Tgt Ion:152 Resp: 38966

Ion	Ratio	Lower	Upper
152	100		
115	56.5	28.1	84.3
150	160.8	0.0	351.0

