

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022124\
 Data File : VY017439.D
 Acq On : 21 Feb 2024 15:42
 Operator : SY/MD
 Sample : P1537-06
 Misc : 4.28g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 6

Quant Time: Feb 22 03:26:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 20 06:16:24 2024
 Response via : Initial Calibration

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

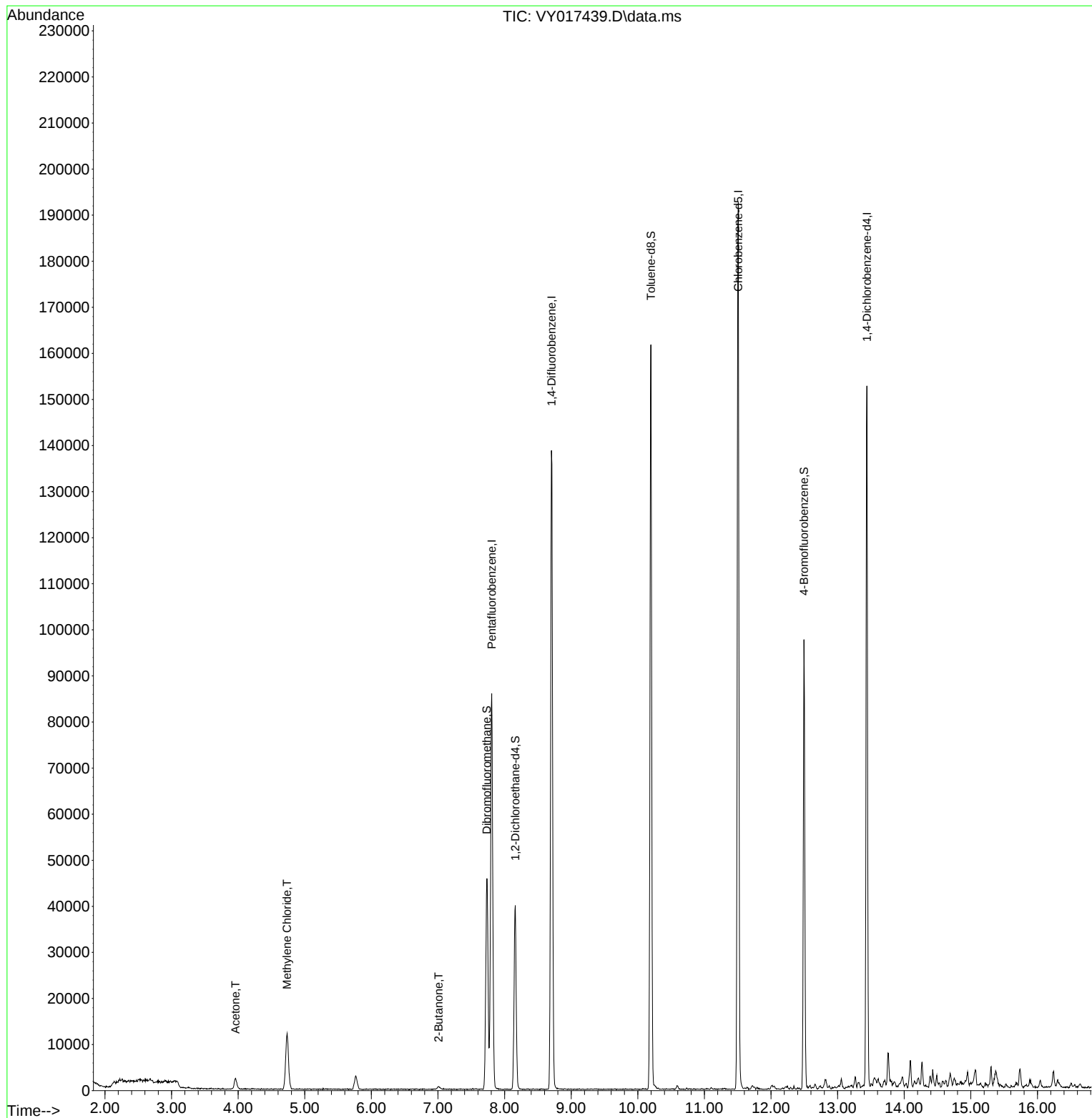
Internal Standards						
1) Pentafluorobenzene	7.807	168	71223	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	129874	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	116158	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.440	152	40570	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	29944	49.214	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.420%
35) Dibromofluoromethane	7.734	113	34039	44.774	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.540%
50) Toluene-d8	10.197	98	110003	37.309	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	74.620%
62) 4-Bromofluorobenzene	12.495	95	28314	29.526	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	59.060%
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	4217	32.002	ug/l	99
20) Methylene Chloride	4.735	84	9648	6.662	ug/l	96
25) 2-Butanone	7.009	43	1195	6.461	ug/l #	81

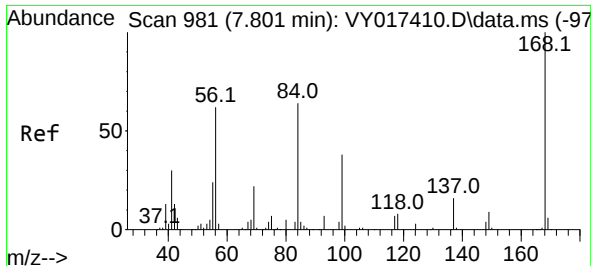
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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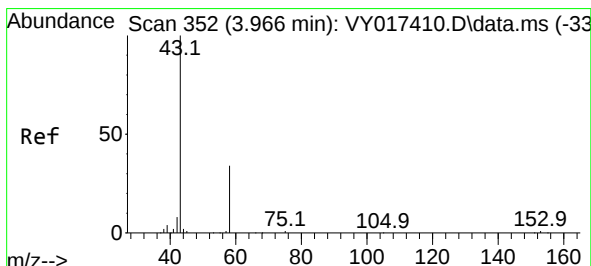
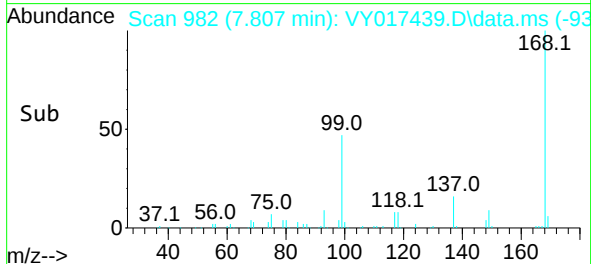
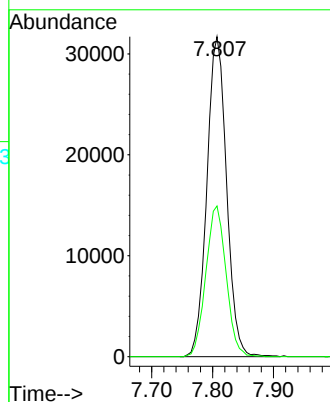
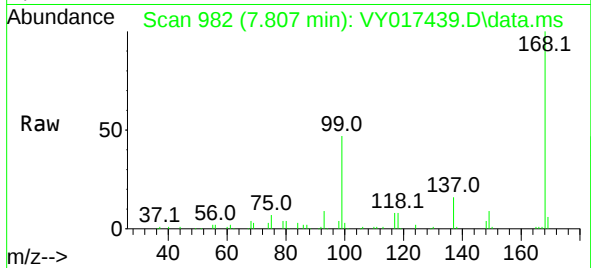




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017439.D
Acq: 21 Feb 2024 15:42

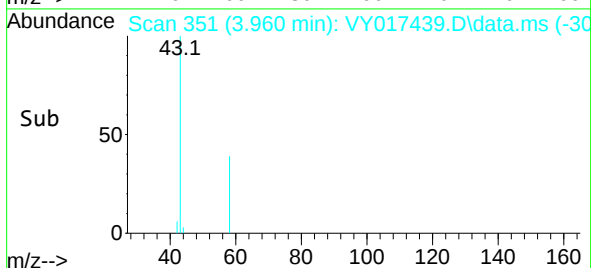
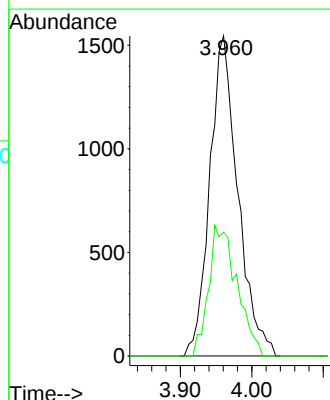
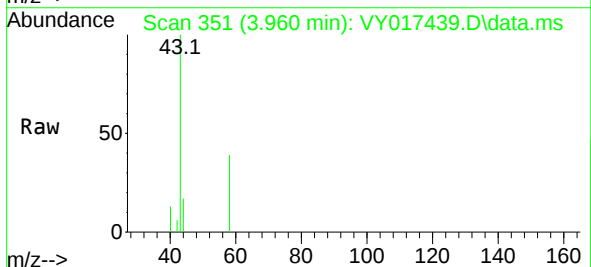
Instrument :
MSVOA_Y
ClientSampleId :
6

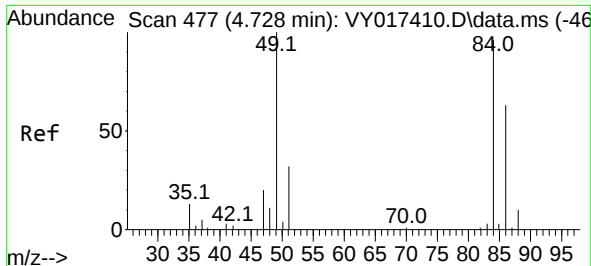
Tgt Ion:168 Resp: 71223
Ion Ratio Lower Upper
168 100
99 47.1 39.1 58.7



#16
Acetone
Concen: 32.002 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.006 min
Lab File: VY017439.D
Acq: 21 Feb 2024 15:42

Tgt Ion: 43 Resp: 4217
Ion Ratio Lower Upper
43 100
58 38.7 31.7 47.5

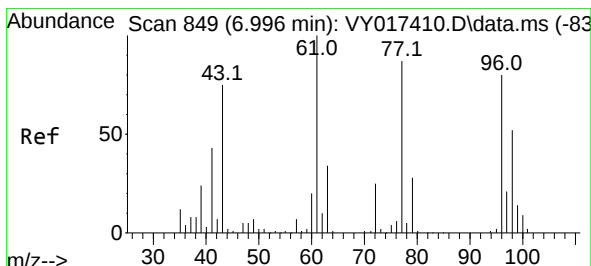
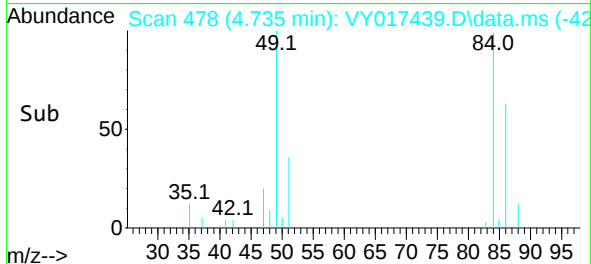
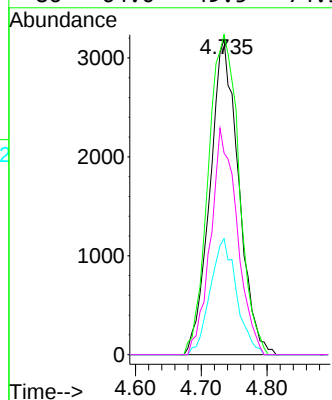
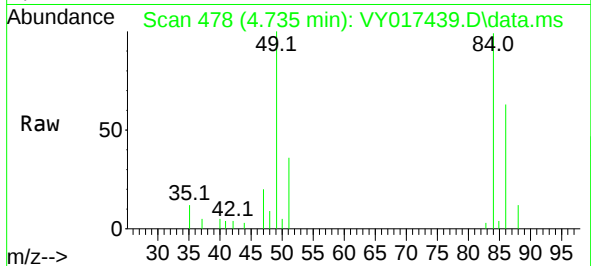




#20
Methylene Chloride
Concen: 6.662 ug/l
RT: 4.735 min Scan# 41
Delta R.T. 0.007 min
Lab File: VY017439.D
Acq: 21 Feb 2024 15:42

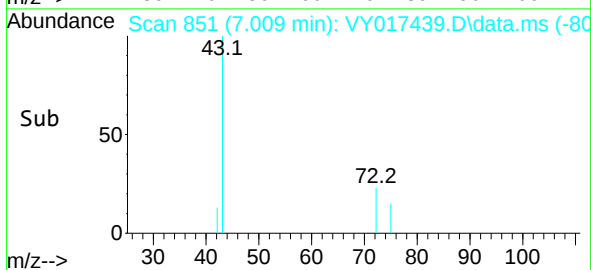
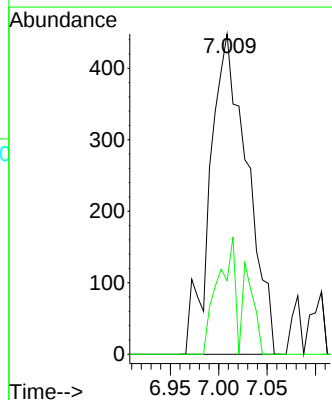
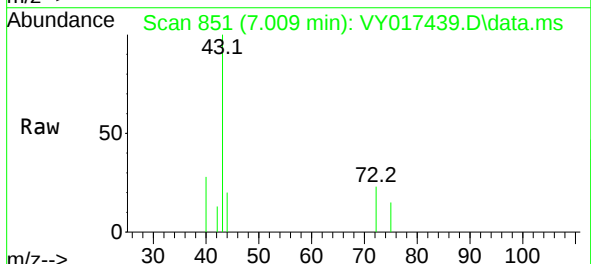
Instrument :
MSVOA_Y
ClientSampleId :
6

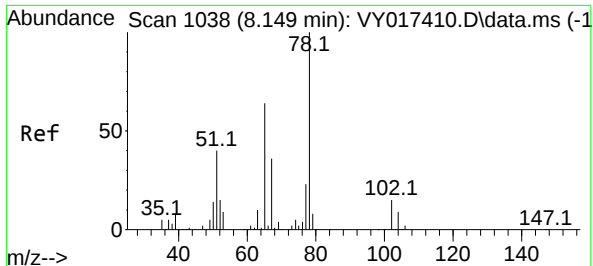
Tgt Ion: 84	Resp: 9648
Ion Ratio	Lower Upper
84 100	
49 101.4	84.4 126.6
51 36.8	26.0 39.0
86 64.0	49.5 74.3



#25
2-Butanone
Concen: 6.461 ug/l
RT: 7.009 min Scan# 851
Delta R.T. 0.012 min
Lab File: VY017439.D
Acq: 21 Feb 2024 15:42

Tgt Ion: 43	Resp: 1195		
Ion Ratio	Lower	Upper	
43 100			
72 23.0	27.3	40.9#	





#33

1,2-Dichloroethane-d4

Concen: 49.214 ug/l

RT: 8.161 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY017439.D

Acq: 21 Feb 2024 15:42

Instrument :

MSVOA_Y

ClientSampleId :

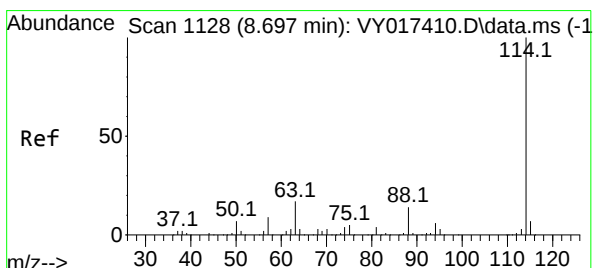
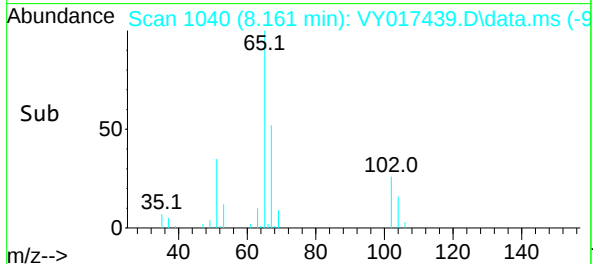
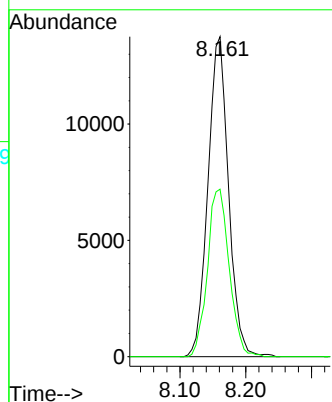
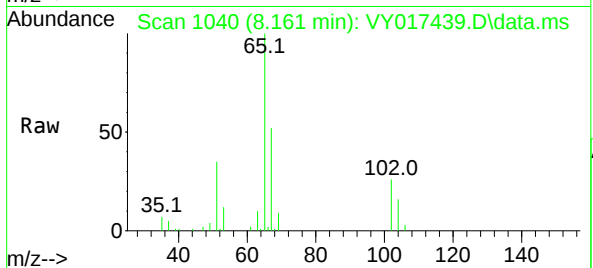
6

Tgt Ion: 65 Resp: 29944

Ion Ratio Lower Upper

65 100

67 55.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY017439.D

Acq: 21 Feb 2024 15:42

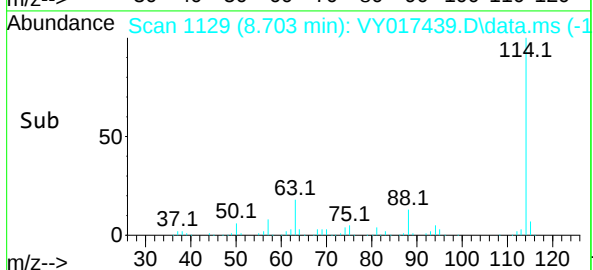
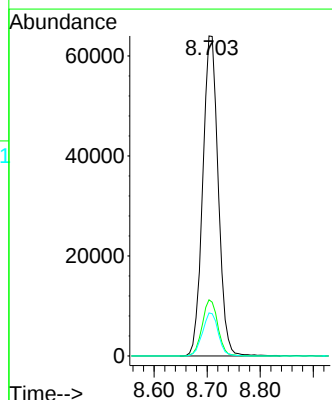
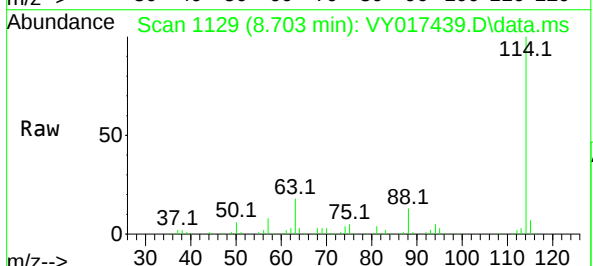
Tgt Ion: 114 Resp: 129874

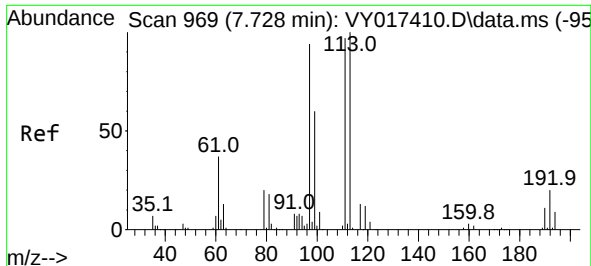
Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.0

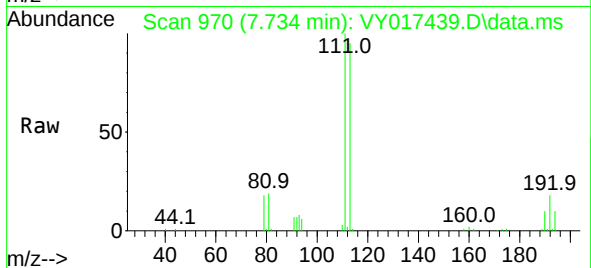
88 13.5 0.0 27.2



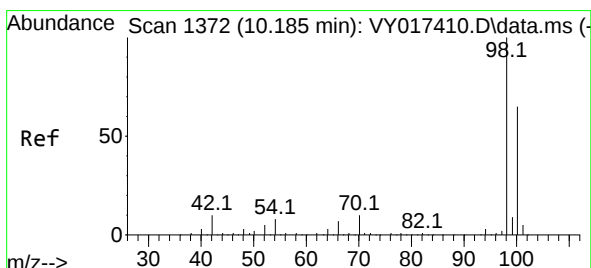
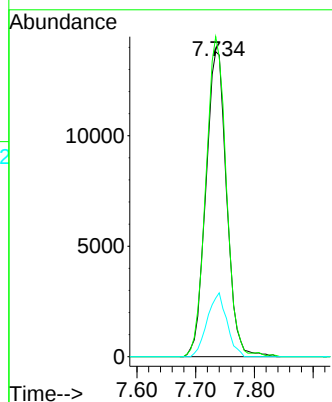
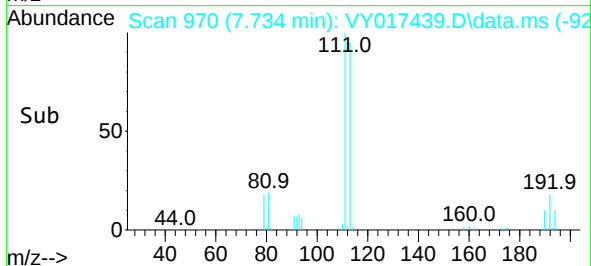


#35
 Dibromofluoromethane
 Concen: 44.774 ug/l
 RT: 7.734 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VY017439.D
 Acq: 21 Feb 2024 15:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 6

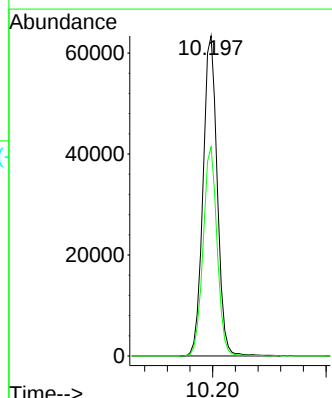
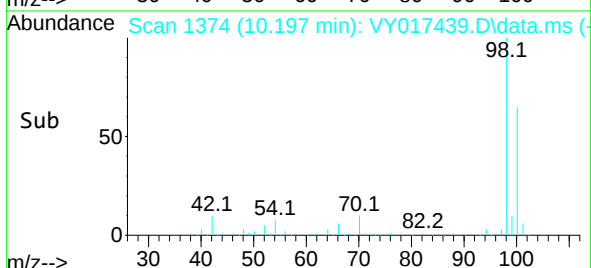
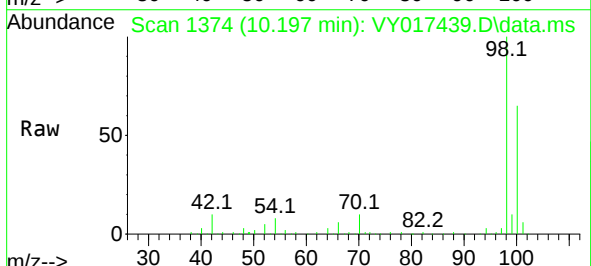


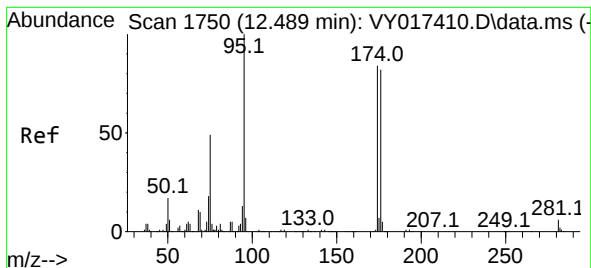
Tgt Ion:113	Resp:	34039	
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.2	123.4
192	19.7	15.9	23.9



#50
 Toluene-d8
 Concen: 37.309 ug/l
 RT: 10.197 min Scan# 1374
 Delta R.T. 0.012 min
 Lab File: VY017439.D
 Acq: 21 Feb 2024 15:42

Tgt Ion: 98	Resp: 110003
Ion Ratio	Lower Upper
98 100	
100 64.3	52.0 78.0





#62

4-Bromofluorobenzene

Concen: 29.526 ug/l

RT: 12.495 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017439.D

Acq: 21 Feb 2024 15:42

Instrument :

MSVOA_Y

ClientSampleId :

6

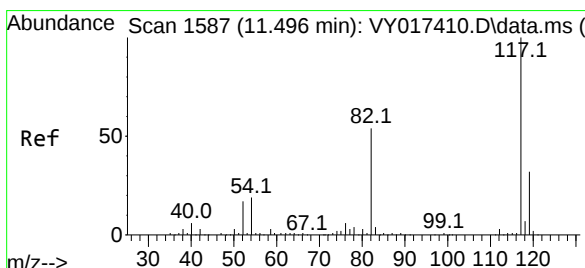
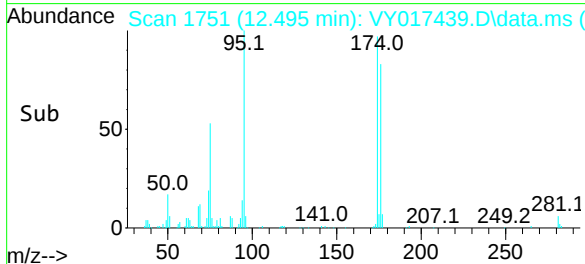
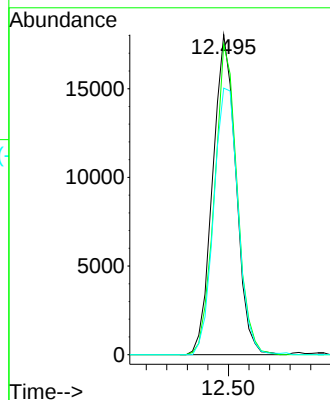
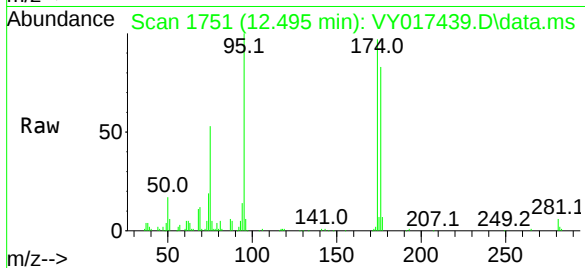
Tgt Ion: 95 Resp: 28314

Ion Ratio Lower Upper

95 100

174 94.5 0.0 175.6

176 87.7 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 1589

Delta R.T. 0.012 min

Lab File: VY017439.D

Acq: 21 Feb 2024 15:42

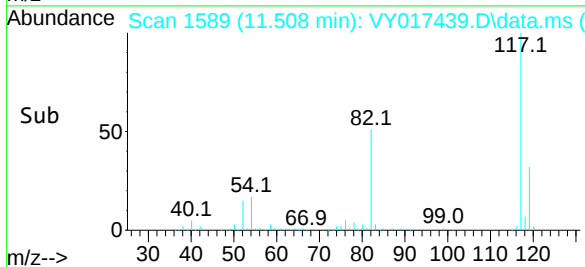
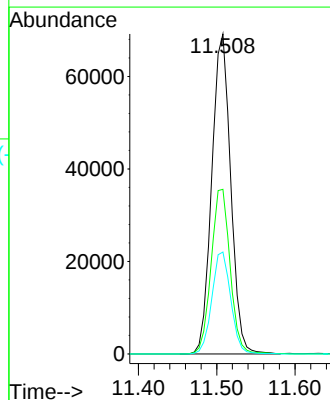
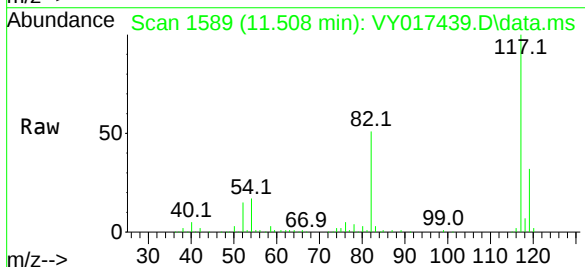
Tgt Ion: 117 Resp: 116158

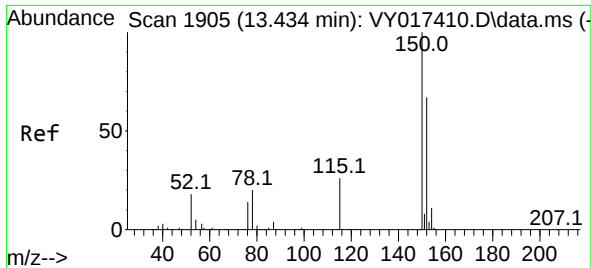
Ion Ratio Lower Upper

117 100

82 51.4 42.4 63.6

119 31.9 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY017439.D

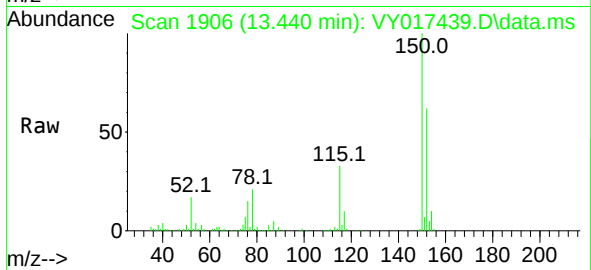
Acq: 21 Feb 2024 15:42

Instrument :

MSVOA_Y

ClientSampleId :

6



Tgt Ion:152 Resp: 40570

Ion Ratio Lower Upper

152 100

115 55.7 28.2 84.7

150 159.9 0.0 345.6

