

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022124\
 Data File : VY017441.D
 Acq On : 21 Feb 2024 16:28
 Operator : SY/MD
 Sample : P1537-08
 Misc : 4.64g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 8

Quant Time: Feb 22 04:17:45 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)

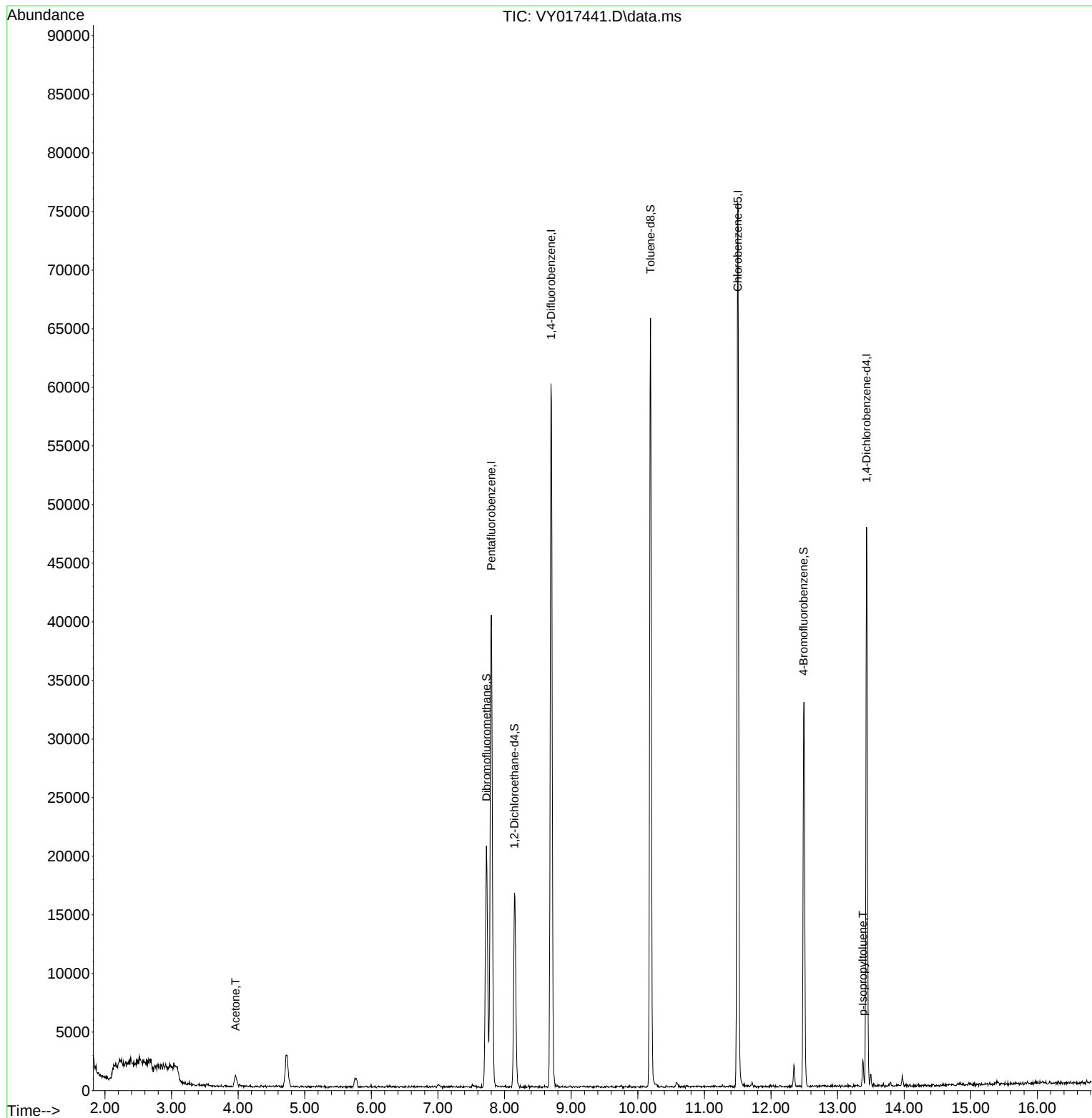
Internal Standards						
1) Pentafluorobenzene	7.801	168	33955	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	55419	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	45114	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	13300	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	12955	44.661	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.320%
35) Dibromofluoromethane	7.728	113	15002	46.245	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.500%
50) Toluene-d8	10.191	98	46961	37.326	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	74.660%
62) 4-Bromofluorobenzene	12.489	95	10301	25.429	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	50.860%
Target Compounds						
					Qvalue	
16) Acetone	3.961	43	1666	26.520	ug/l #	86
86) p-Isopropyltoluene	13.380	119	1373	1.513	ug/l	95

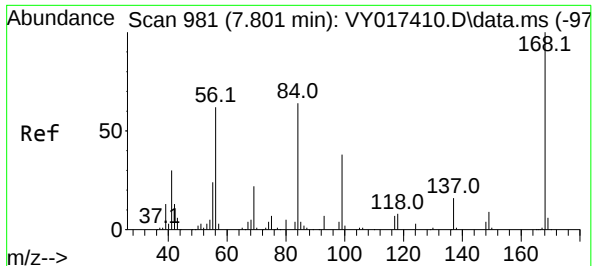
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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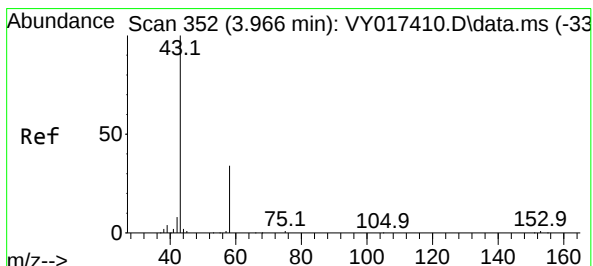
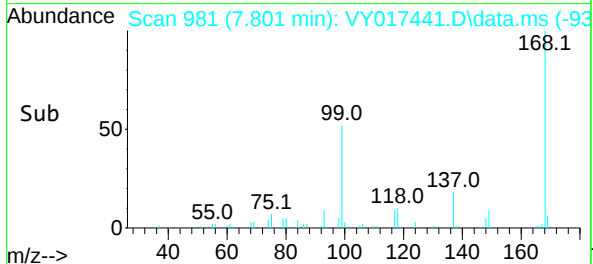
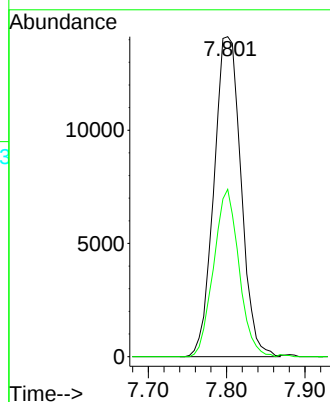
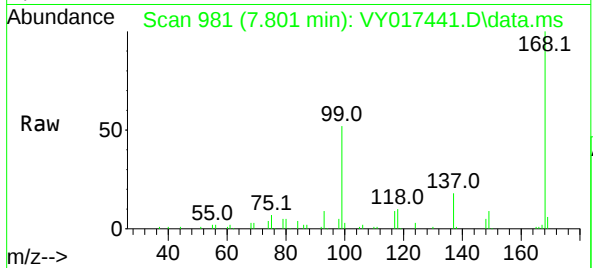




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY017441.D
Acq: 21 Feb 2024 16:28

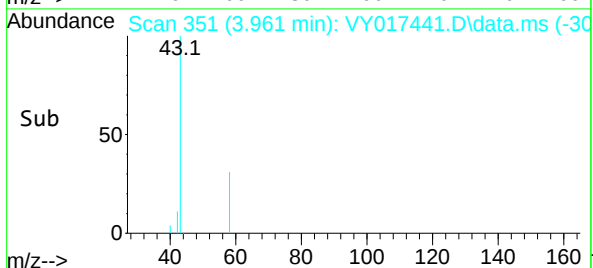
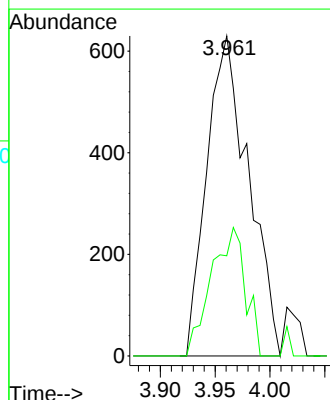
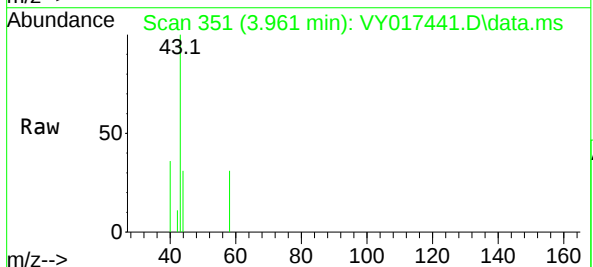
Instrument :
MSVOA_Y
ClientSampleId :
8

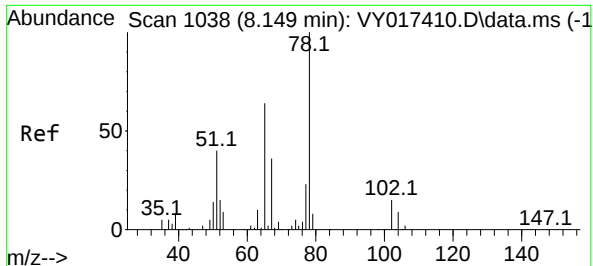
Tgt Ion:168 Resp: 33955
Ion Ratio Lower Upper
168 100
99 52.3 39.1 58.7



#16
Acetone
Concen: 26.520 ug/l
RT: 3.961 min Scan# 351
Delta R.T. -0.006 min
Lab File: VY017441.D
Acq: 21 Feb 2024 16:28

Tgt Ion: 43 Resp: 1666
Ion Ratio Lower Upper
43 100
58 31.3 31.7 47.5#





#33

1,2-Dichloroethane-d4

Concen: 44.661 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY017441.D

Acq: 21 Feb 2024 16:28

Instrument :

MSVOA_Y

ClientSampleId :

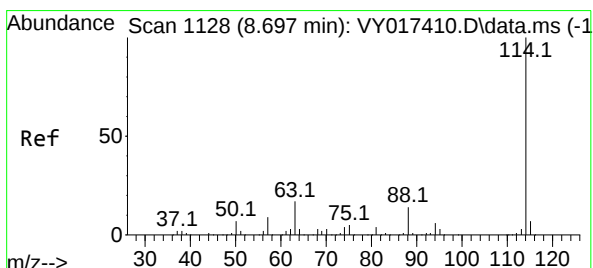
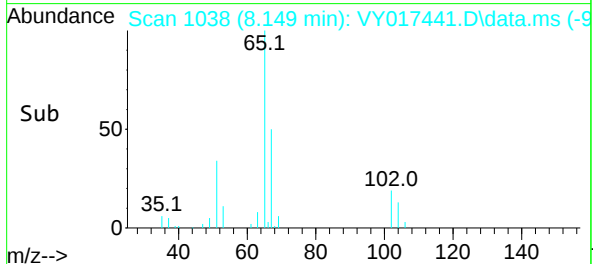
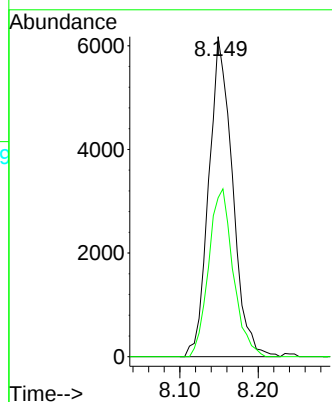
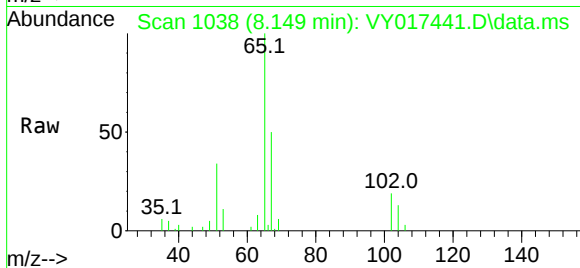
8

Tgt Ion: 65 Resp: 12955

Ion Ratio Lower Upper

65 100

67 54.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY017441.D

Acq: 21 Feb 2024 16:28

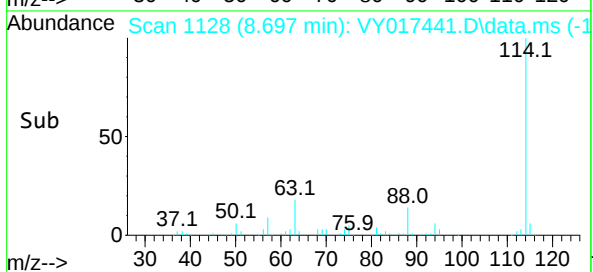
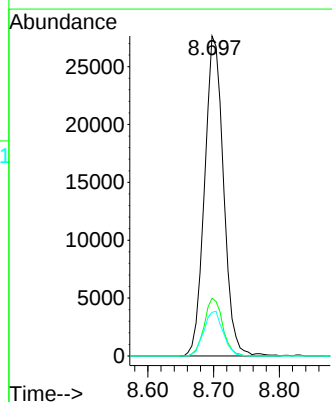
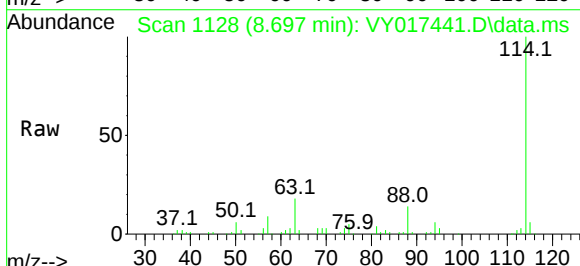
Tgt Ion: 114 Resp: 55419

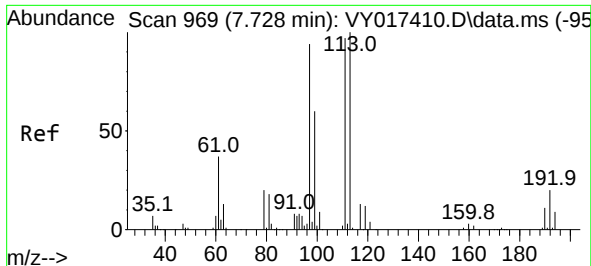
Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.0

88 13.6 0.0 27.2

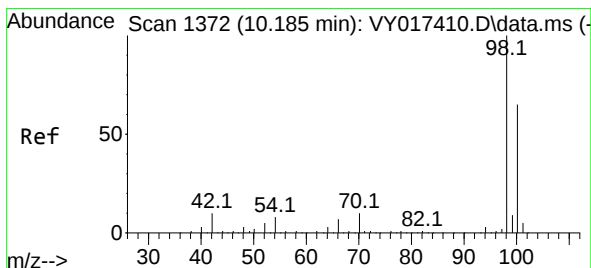
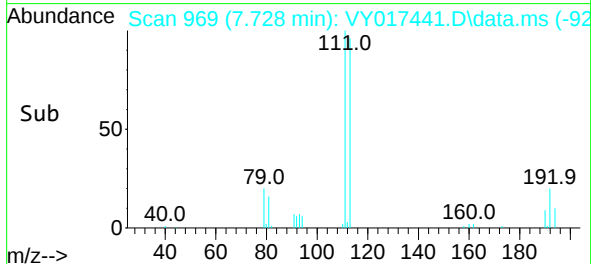
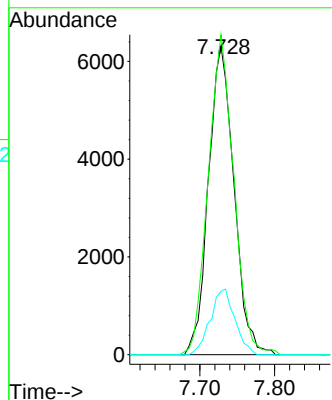
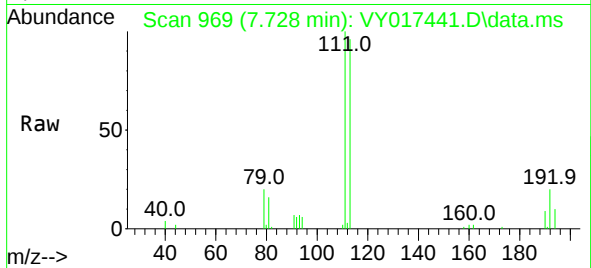




#35
Dibromofluoromethane
Concen: 46.245 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY017441.D
Acq: 21 Feb 2024 16:28

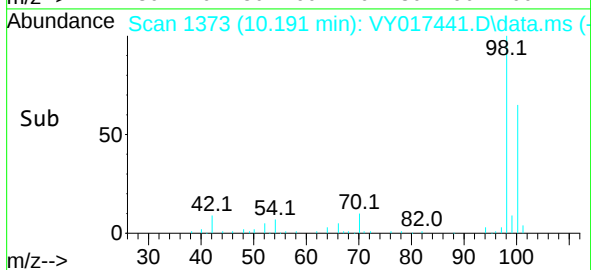
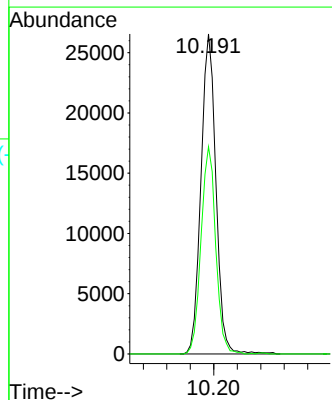
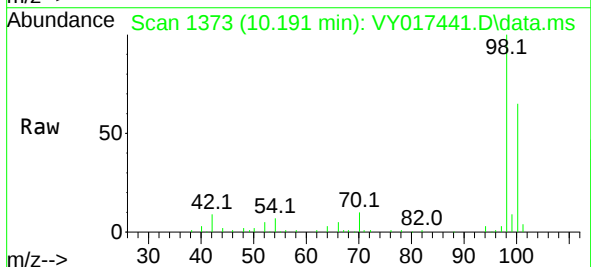
Instrument :
MSVOA_Y
ClientSampleId :
8

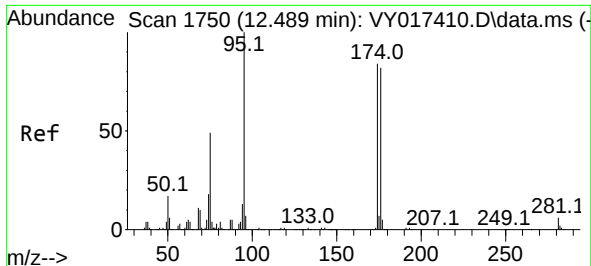
Tgt Ion:113 Resp: 15002
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.4
192 20.5 15.9 23.9



#50
Toluene-d8
Concen: 37.326 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.006 min
Lab File: VY017441.D
Acq: 21 Feb 2024 16:28

Tgt Ion: 98 Resp: 46961
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0

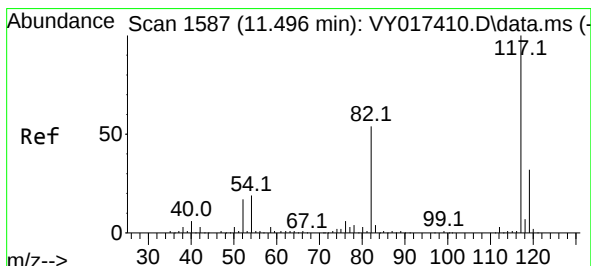
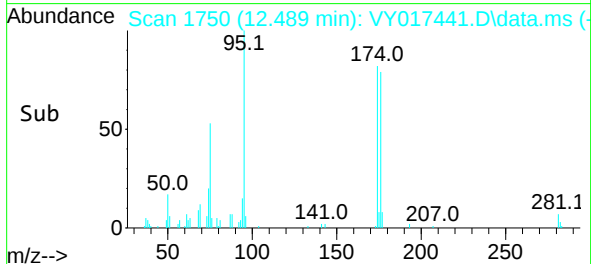
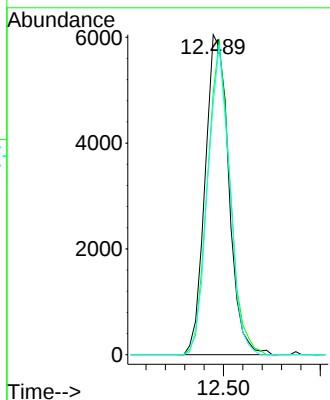
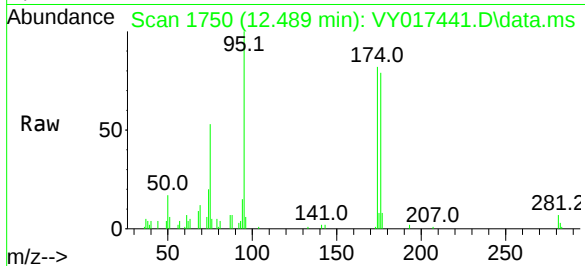




#62
4-Bromofluorobenzene
Concen: 25.429 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017441.D
Acq: 21 Feb 2024 16:28

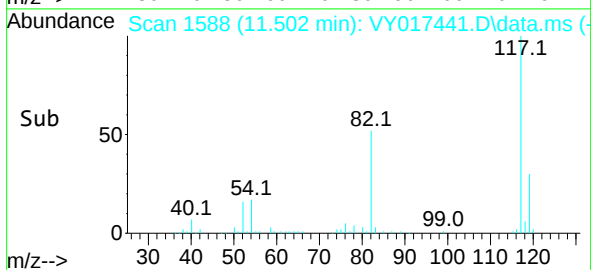
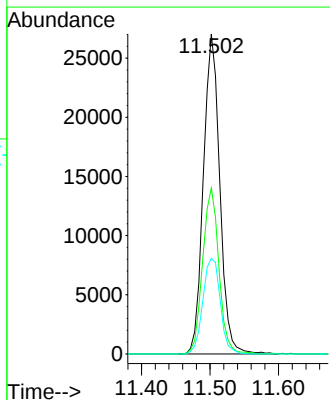
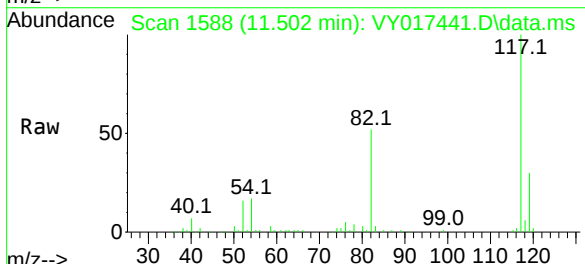
Instrument :
MSVOA_Y
ClientSampleId :
8

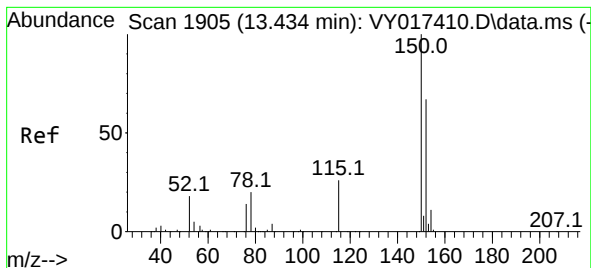
Tgt Ion:	95	Resp:	10301
Ion	Ratio	Lower	Upper
95	100		
174	93.3	0.0	175.6
176	89.2	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.006 min
Lab File: VY017441.D
Acq: 21 Feb 2024 16:28

Tgt Ion:	117	Resp:	45114
Ion	Ratio	Lower	Upper
117	100		
82	51.9	42.4	63.6
119	29.9	25.9	38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017441.D

Acq: 21 Feb 2024 16:28

Instrument :

MSVOA_Y

ClientSampleId :

8

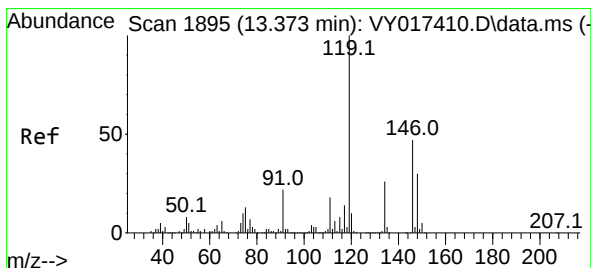
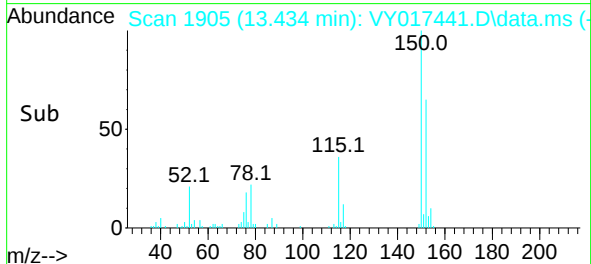
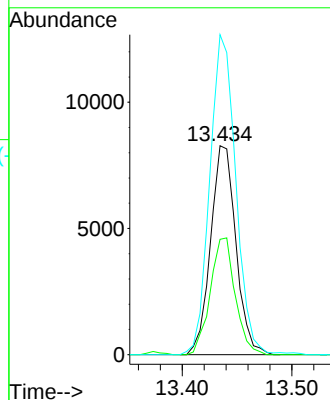
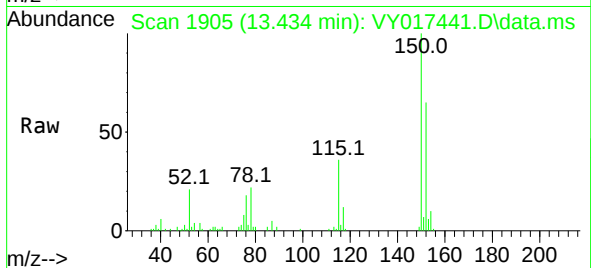
Tgt Ion:152 Resp: 13300

Ion Ratio Lower Upper

152 100

115 55.1 28.2 84.7

150 157.5 0.0 345.6



#86

p-Isopropyltoluene

Concen: 1.513 ug/l

RT: 13.380 min Scan# 1896

Delta R.T. 0.006 min

Lab File: VY017441.D

Acq: 21 Feb 2024 16:28

Tgt Ion:119 Resp: 1373

Ion Ratio Lower Upper

119 100

134 30.2 13.1 39.3

91 21.7 10.7 32.1

