

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071224\
 Data File : VY018796.D
 Acq On : 12 Jul 2024 14:38
 Operator : SY/MD
 Sample : P3208-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 352

Quant Time: Jul 12 15:19:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

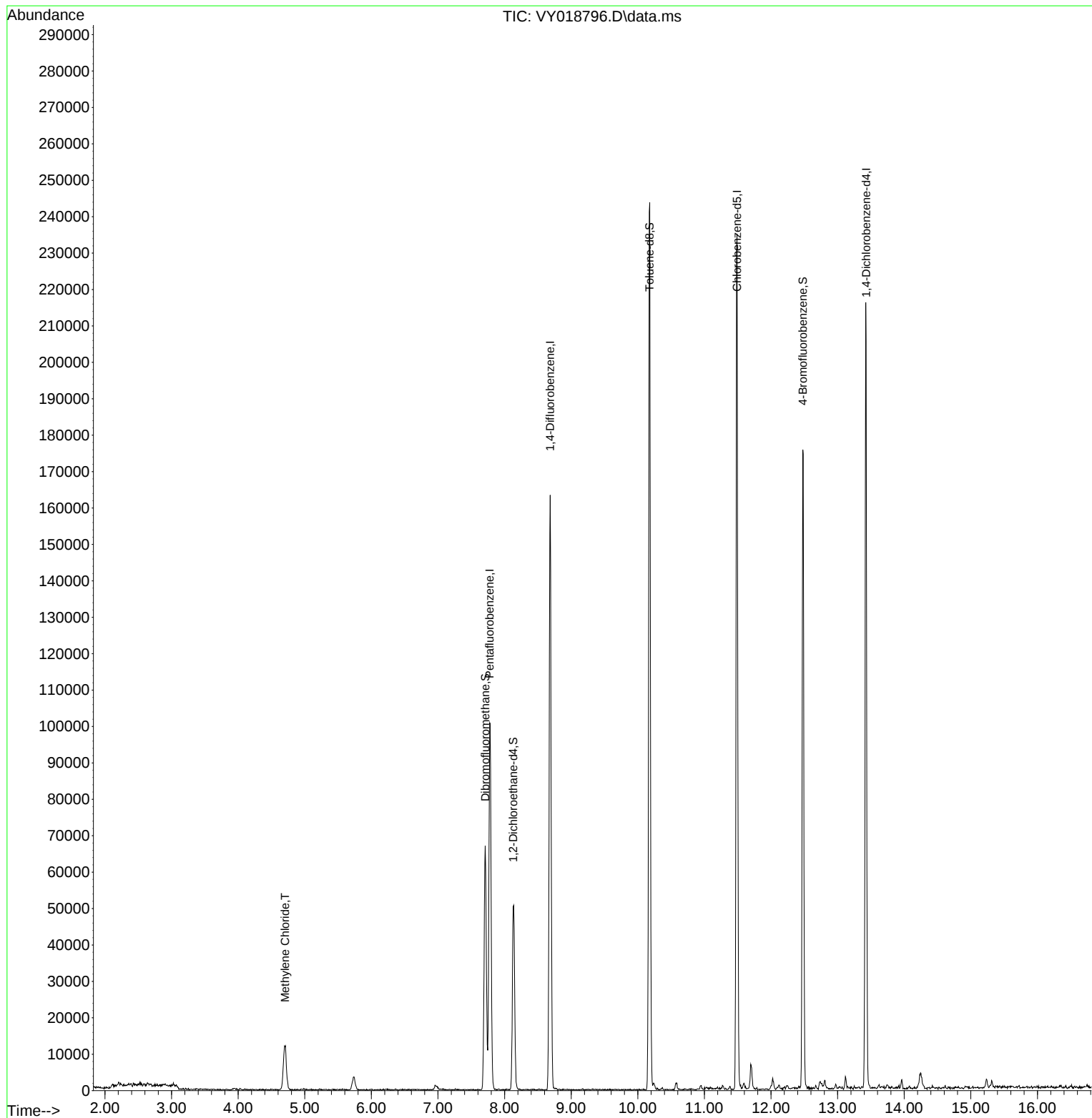
Internal Standards						
1) Pentafluorobenzene	7.777	168	80776	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	144183	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	133709	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	55285	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	41702	52.465	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.940%
35) Dibromofluoromethane	7.710	113	45010	49.842	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.680%
50) Toluene-d8	10.179	98	163559	47.806	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.620%
62) 4-Bromofluorobenzene	12.477	95	55269	47.304	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.600%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.704	84	9688	7.449	ug/l	91

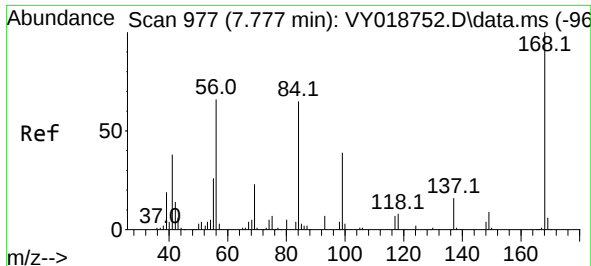
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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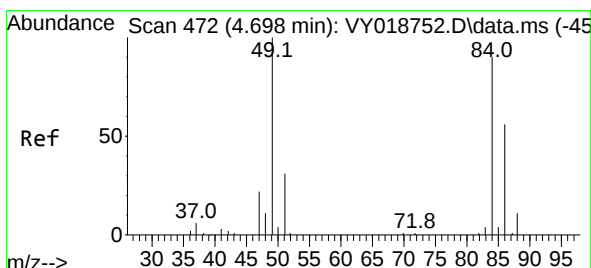
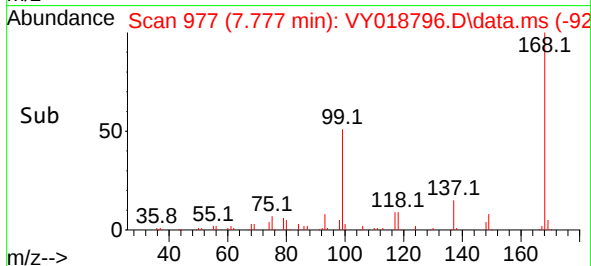
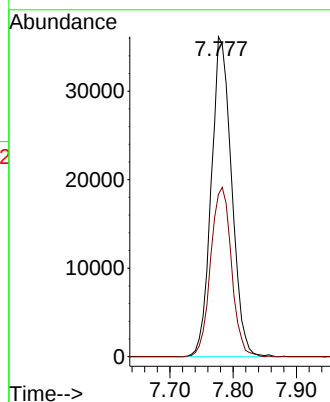
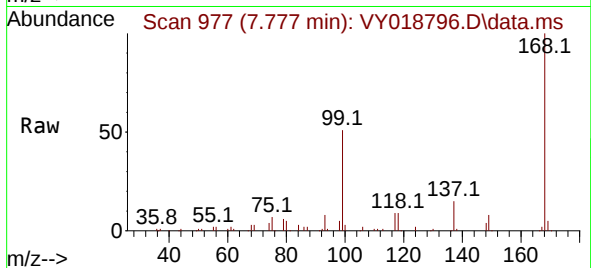




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018796.D
Acq: 12 Jul 2024 14:38

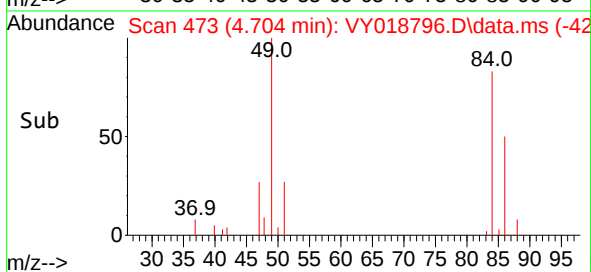
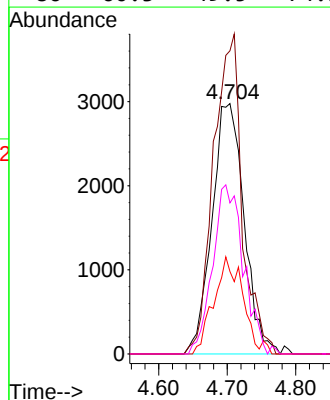
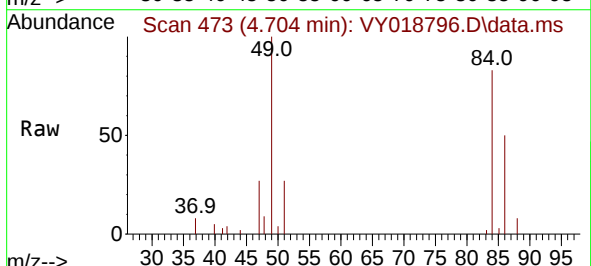
Instrument :
MSVOA_Y
ClientSampleId :
352

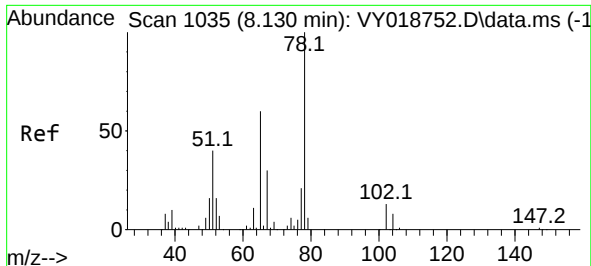
Tgt Ion:168 Resp: 80776
Ion Ratio Lower Upper
168 100
99 50.8 39.1 58.7



#20
Methylene Chloride
Concen: 7.449 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.006 min
Lab File: VY018796.D
Acq: 12 Jul 2024 14:38

Tgt Ion: 84 Resp: 9688
Ion Ratio Lower Upper
84 100
49 121.1 84.4 126.6
51 32.9 26.0 39.0
86 60.3 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 52.465 ug/l

RT: 8.130 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY018796.D

Acq: 12 Jul 2024 14:38

Instrument :

MSVOA_Y

ClientSampleId :

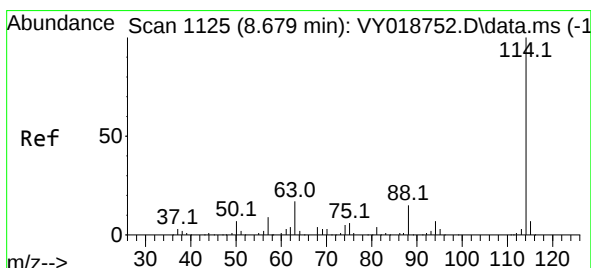
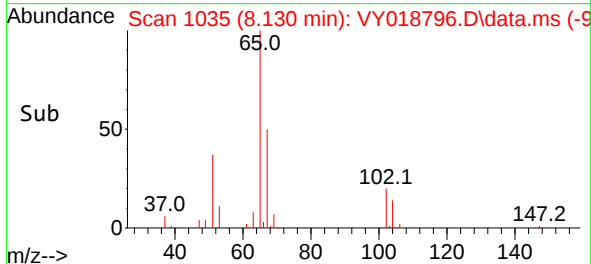
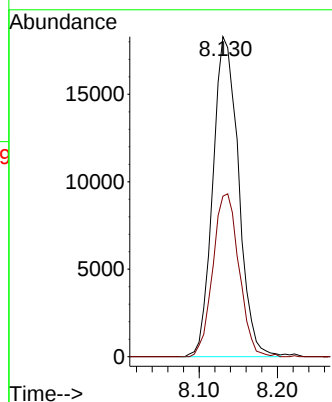
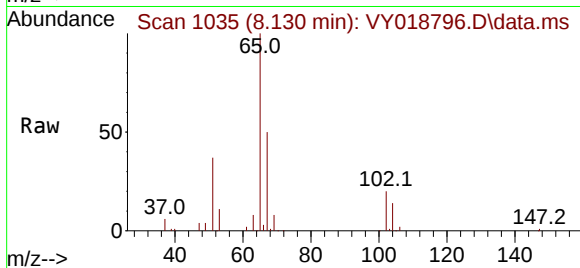
352

Tgt Ion: 65 Resp: 41702

Ion Ratio Lower Upper

65 100

67 51.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY018796.D

Acq: 12 Jul 2024 14:38

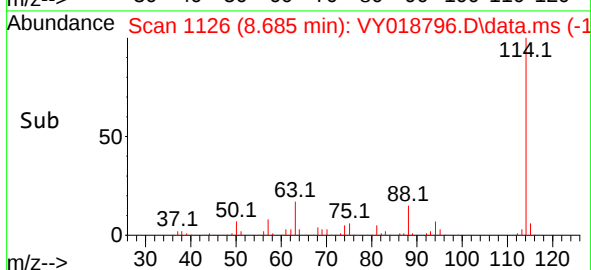
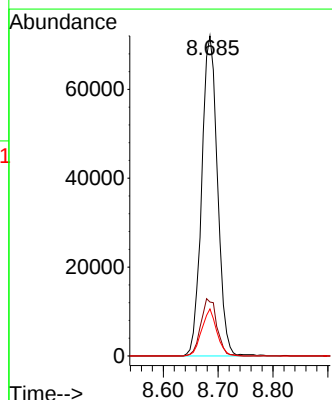
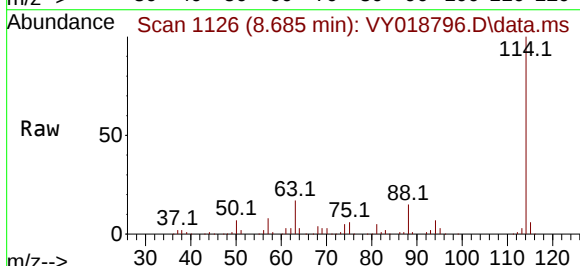
Tgt Ion: 114 Resp: 144183

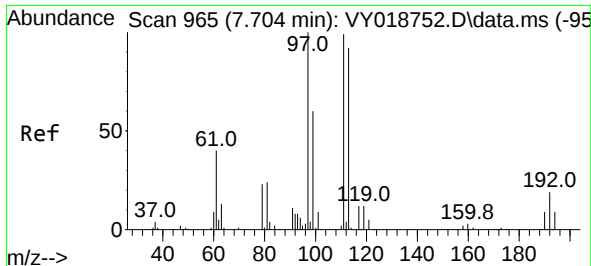
Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.0

88 14.7 0.0 27.2

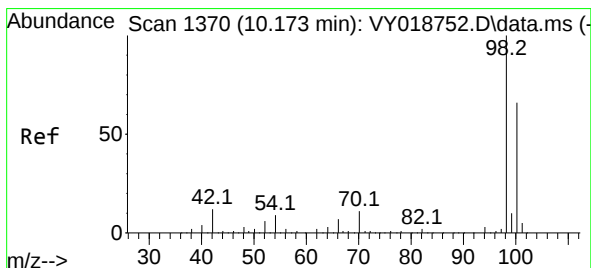
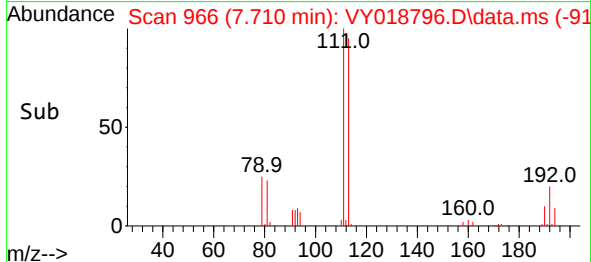
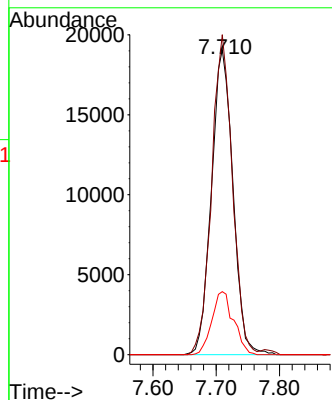
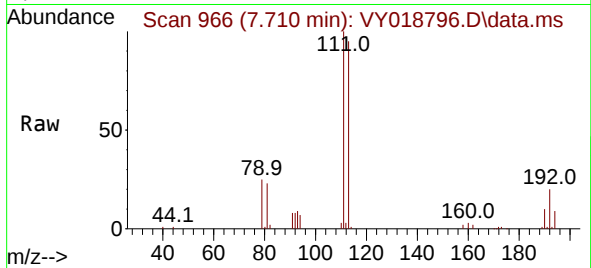




#35
Dibromofluoromethane
Concen: 49.842 ug/l
RT: 7.710 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018796.D
Acq: 12 Jul 2024 14:38

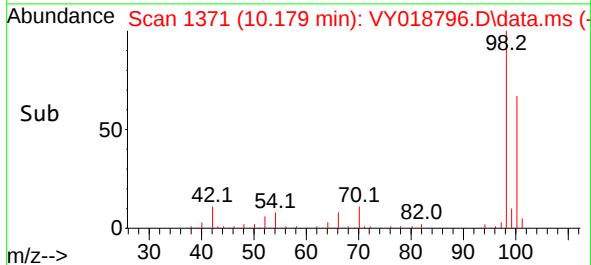
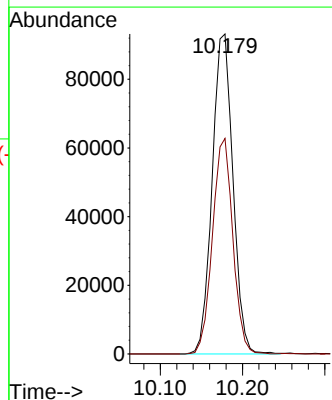
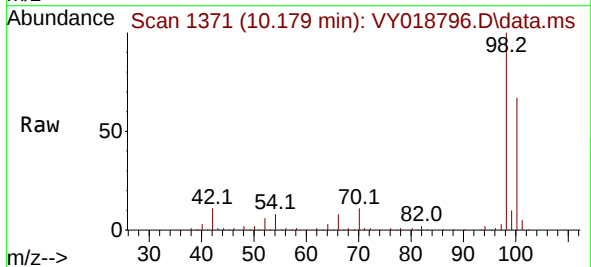
Instrument :
MSVOA_Y
ClientSampleId :
352

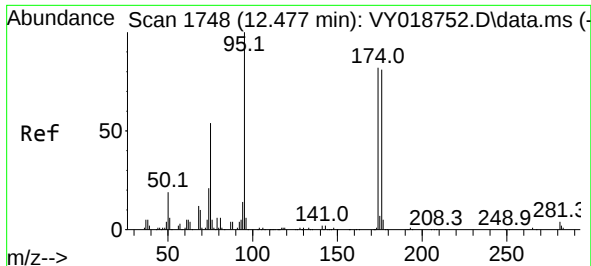
Tgt Ion:113 Resp: 45010
Ion Ratio Lower Upper
113 100
111 101.2 82.2 123.4
192 20.9 15.9 23.9



#50
Toluene-d8
Concen: 47.806 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY018796.D
Acq: 12 Jul 2024 14:38

Tgt Ion: 98 Resp: 163559
Ion Ratio Lower Upper
98 100
100 66.0 52.0 78.0

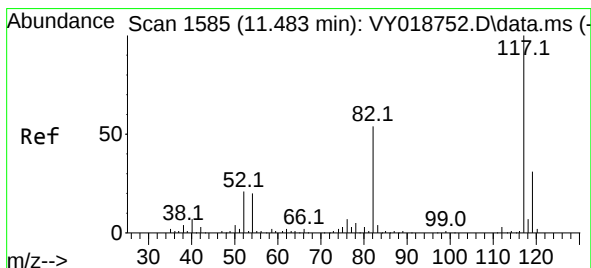
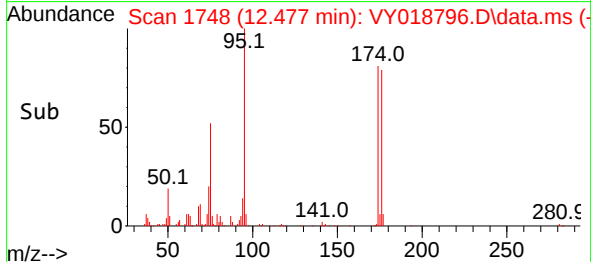
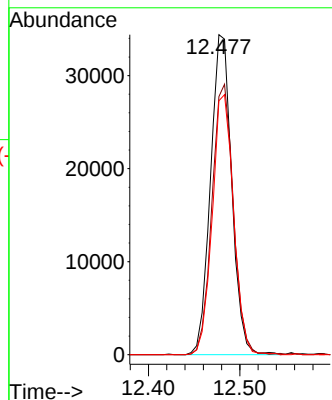
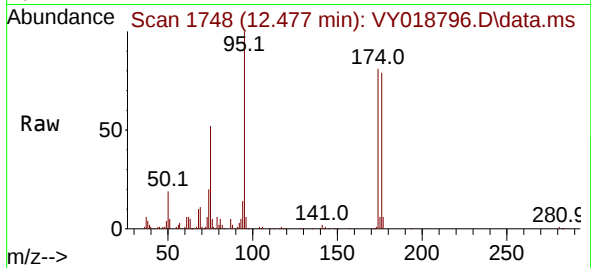




#62
4-Bromofluorobenzene
Concen: 47.304 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018796.D
Acq: 12 Jul 2024 14:38

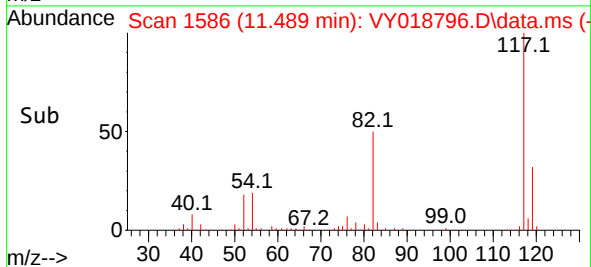
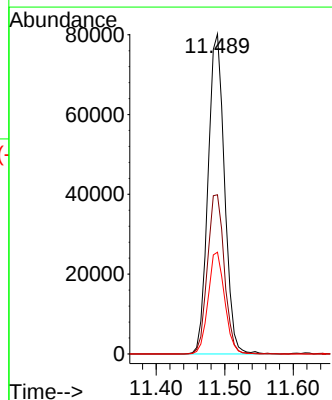
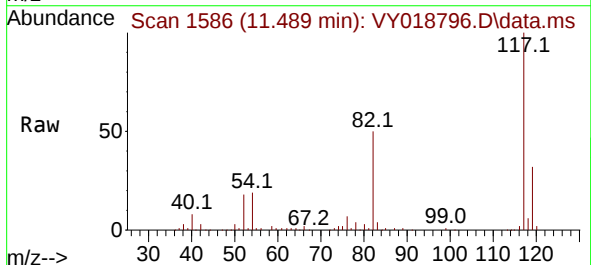
Instrument :
MSVOA_Y
ClientSampleId :
352

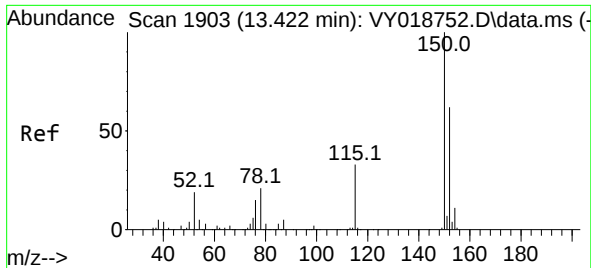
Tgt Ion:	95	Resp:	55269
Ion	Ratio	Lower	Upper
95	100		
174	85.7	0.0	175.6
176	81.9	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.006 min
Lab File: VY018796.D
Acq: 12 Jul 2024 14:38

Tgt Ion:	117	Resp:	133709
Ion	Ratio	Lower	Upper
117	100		
82	49.8	42.4	63.6
119	31.8	25.9	38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY018796.D
 Acq: 12 Jul 2024 14:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 352

Tgt Ion:152 Resp: 55285
 Ion Ratio Lower Upper
 152 100
 115 57.2 28.2 84.7
 150 155.7 0.0 345.6

