

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022124\
 Data File : VY017447.D
 Acq On : 21 Feb 2024 18:50
 Operator : SY/MD
 Sample : P1537-14
 Misc : 4.82g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 14

Quant Time: Feb 22 03:42:10 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)

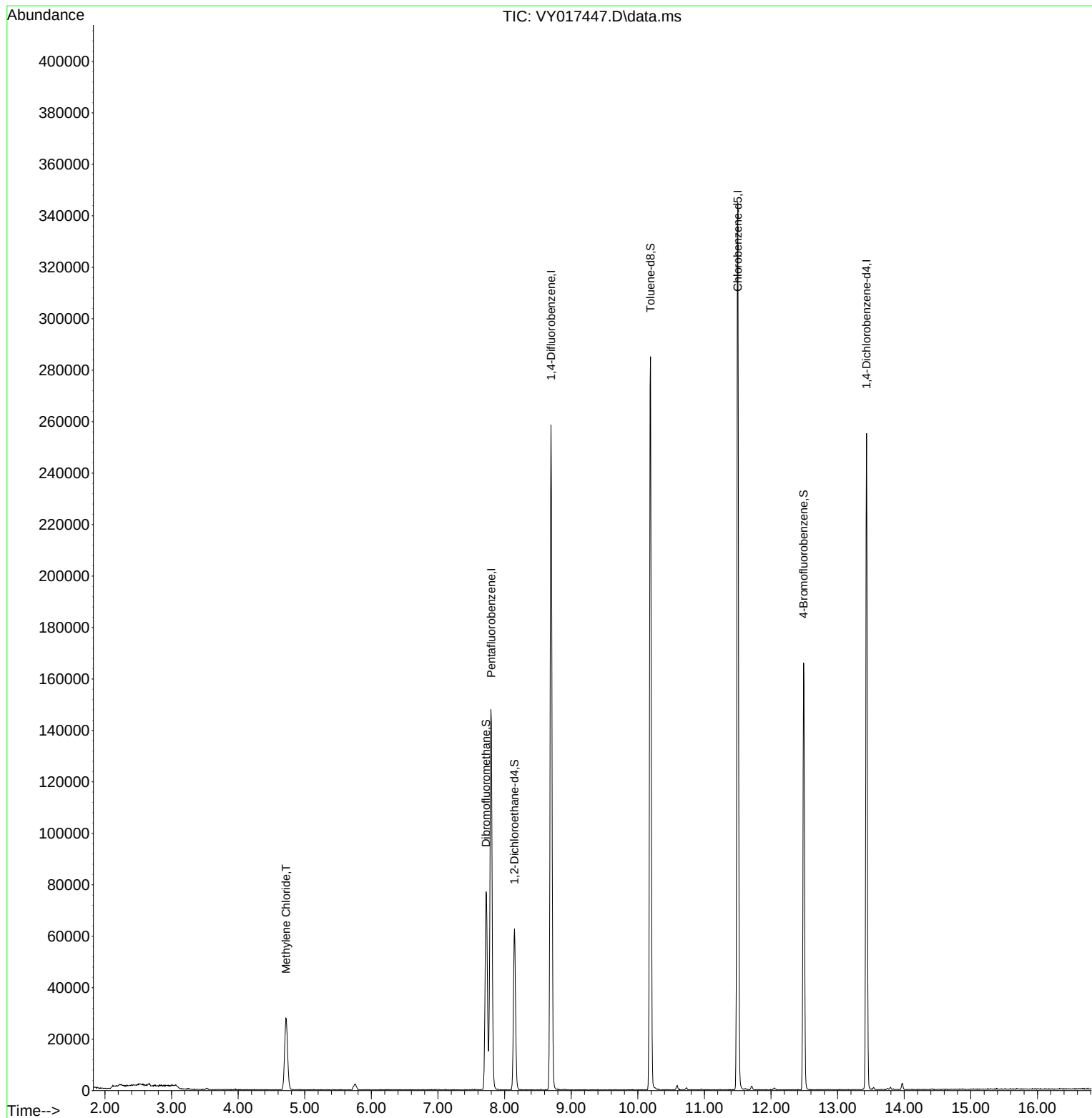
Internal Standards						
1) Pentafluorobenzene	7.801	168	124449	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	233849	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	208204	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	71055	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	47830	44.989	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.980%
35) Dibromofluoromethane	7.722	113	57412	41.941	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.880%
50) Toluene-d8	10.191	98	197053	37.117	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	74.240%
62) 4-Bromofluorobenzene	12.489	95	50397	29.207	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	58.420%
Target Compounds						
20) Methylene Chloride	4.716	84	23362	11.894	ug/l	Qvalue 98

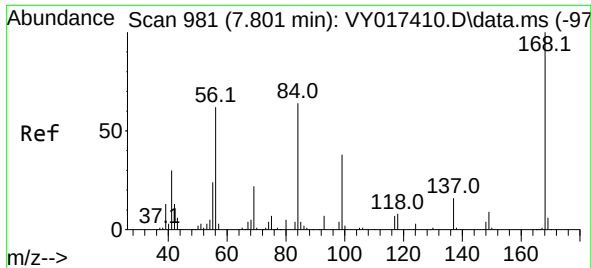
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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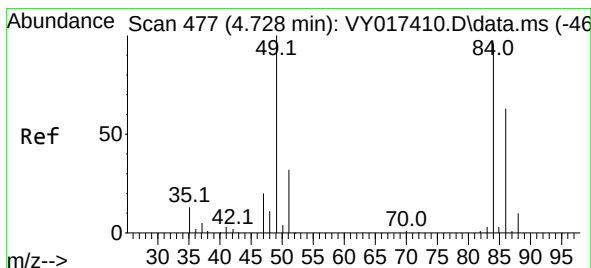
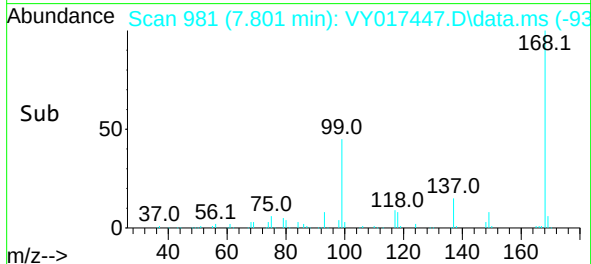
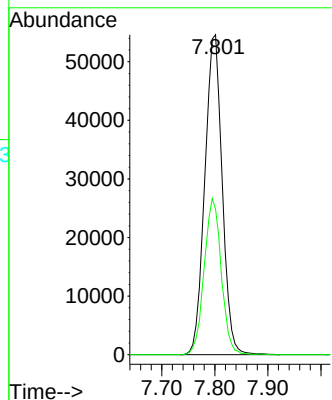
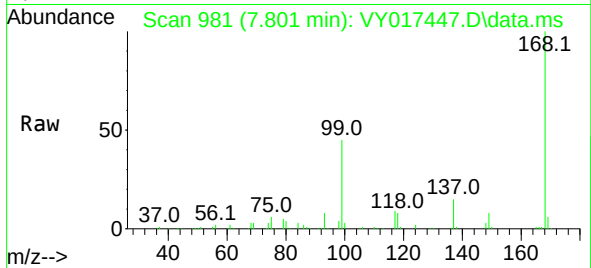




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY017447.D
Acq: 21 Feb 2024 18:50

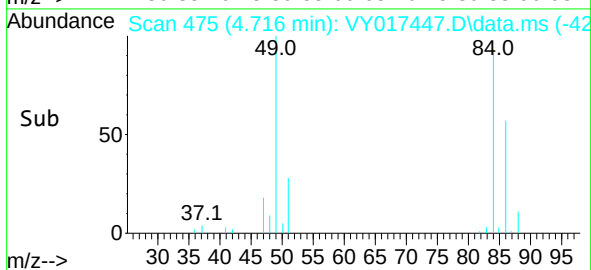
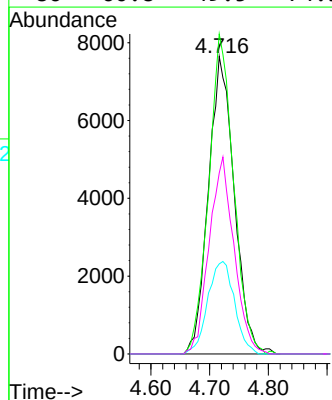
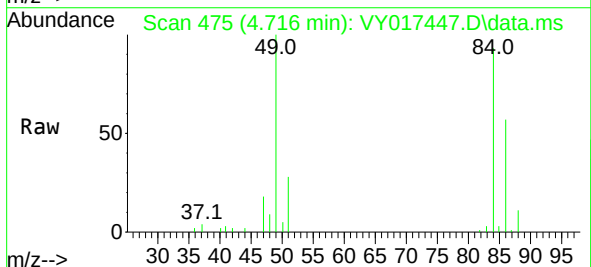
Instrument :
MSVOA_Y
ClientSampleId :
14

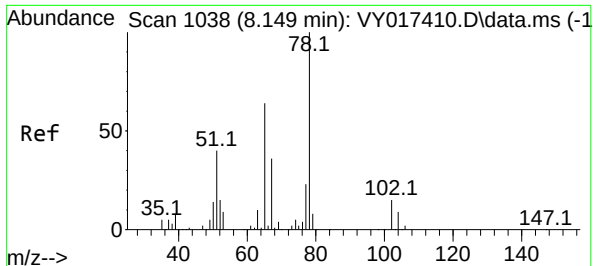
Tgt Ion:168 Resp: 124449
Ion Ratio Lower Upper
168 100
99 45.5 39.1 58.7



#20
Methylene Chloride
Concen: 11.894 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.012 min
Lab File: VY017447.D
Acq: 21 Feb 2024 18:50

Tgt Ion: 84 Resp: 23362
Ion Ratio Lower Upper
84 100
49 107.5 84.4 126.6
51 30.3 26.0 39.0
86 60.8 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 44.989 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY017447.D

Acq: 21 Feb 2024 18:50

Instrument :

MSVOA_Y

ClientSampleId :

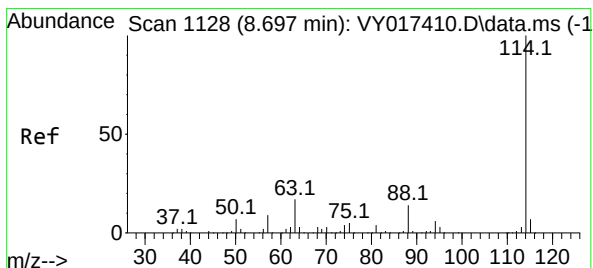
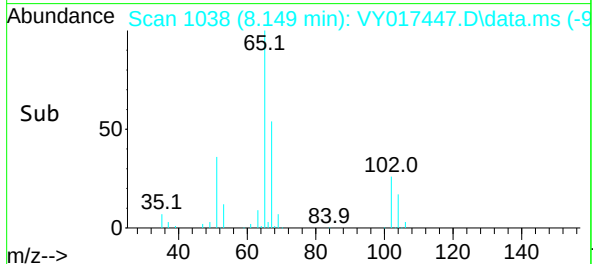
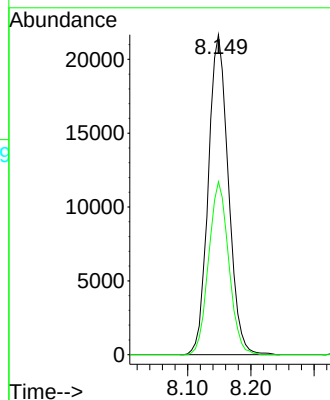
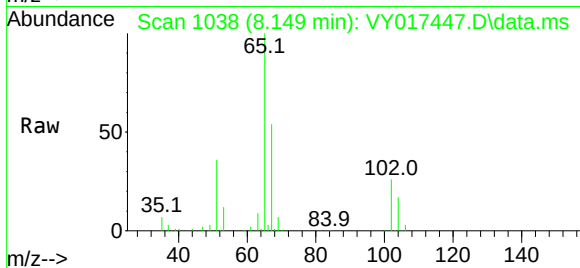
14

Tgt Ion: 65 Resp: 47830

Ion Ratio Lower Upper

65 100

67 54.0 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: VY017447.D

Acq: 21 Feb 2024 18:50

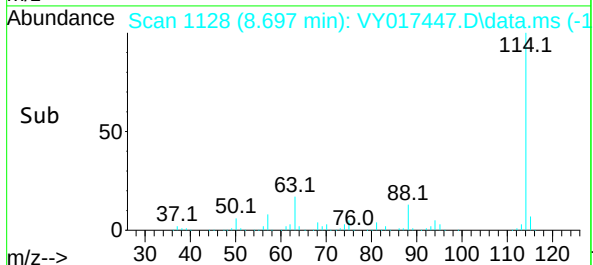
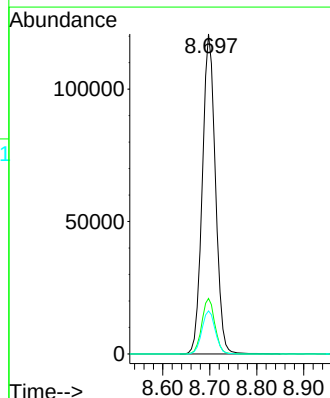
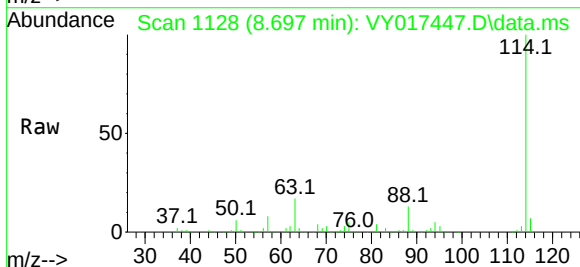
Tgt Ion: 114 Resp: 233849

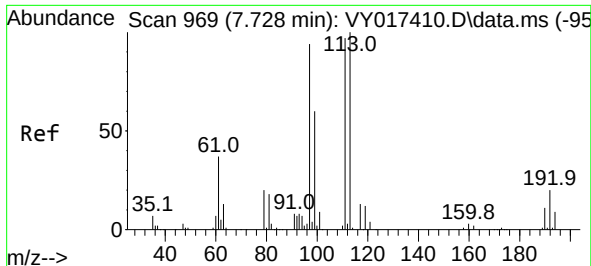
Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.0

88 13.5 0.0 27.2

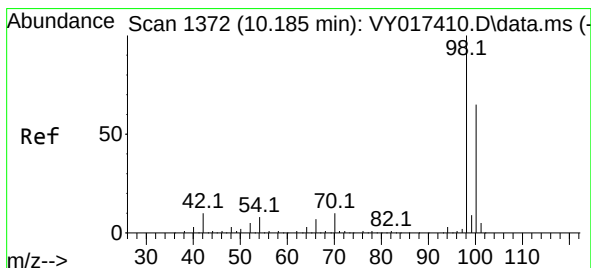
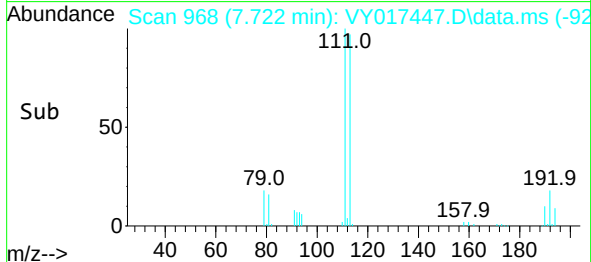
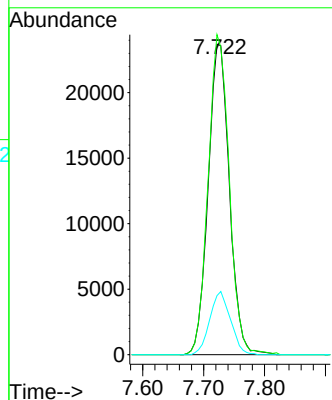
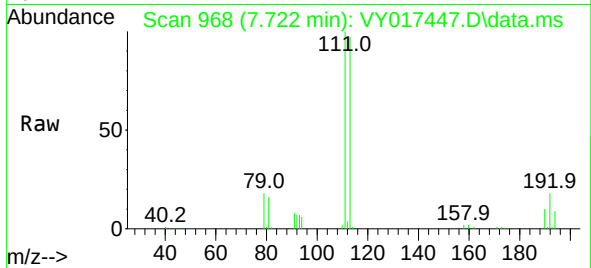




#35
Dibromofluoromethane
Concen: 41.941 ug/l
RT: 7.722 min Scan# 914
Delta R.T. -0.006 min
Lab File: VY017447.D
Acq: 21 Feb 2024 18:50

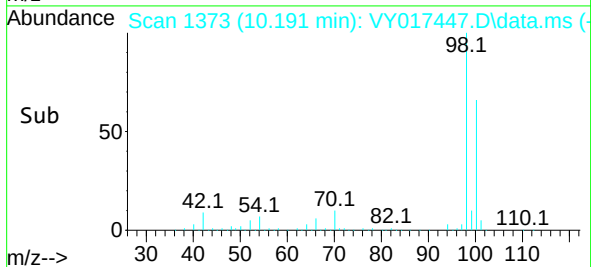
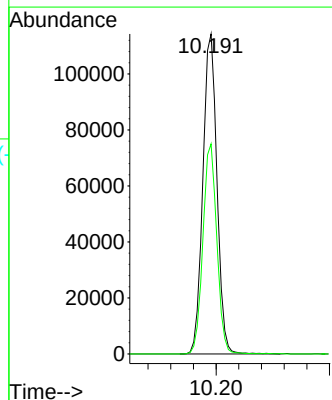
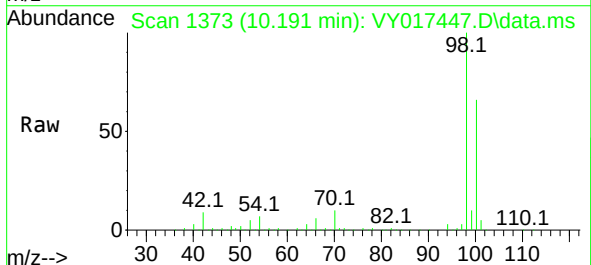
Instrument :
MSVOA_Y
ClientSampleId :
14

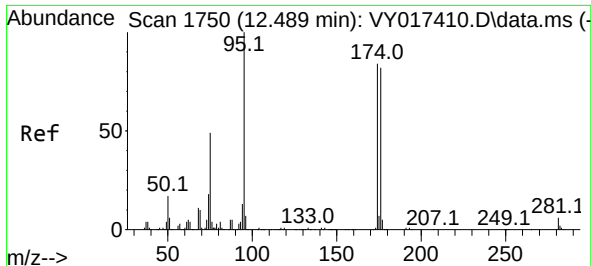
Tgt Ion:113 Resp: 57412
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.4
192 19.9 15.9 23.9



#50
Toluene-d8
Concen: 37.117 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.006 min
Lab File: VY017447.D
Acq: 21 Feb 2024 18:50

Tgt Ion: 98 Resp: 197053
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0

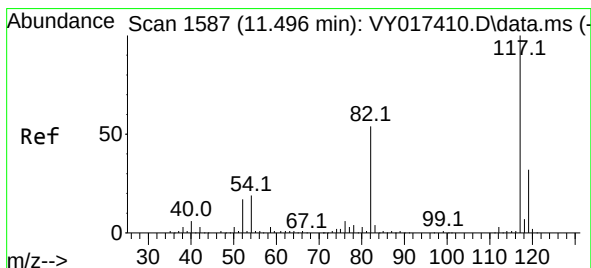
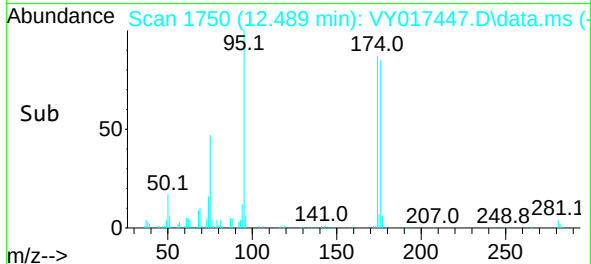
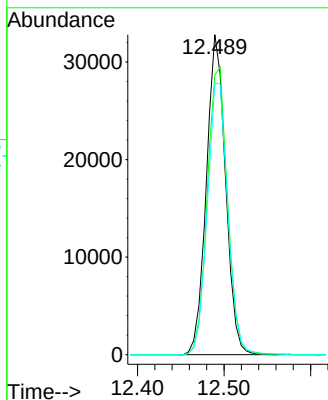
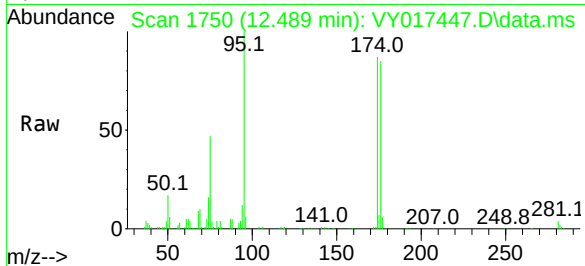




#62
4-Bromofluorobenzene
Concen: 29.207 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017447.D
Acq: 21 Feb 2024 18:50

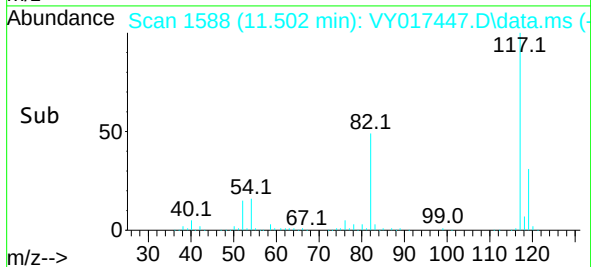
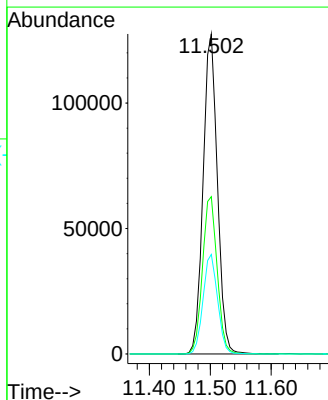
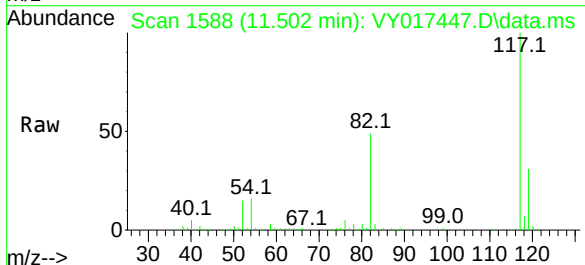
Instrument :
MSVOA_Y
ClientSampleId :
14

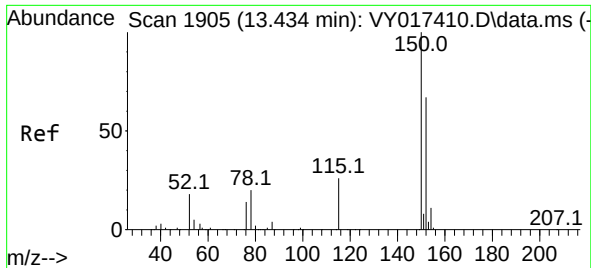
Tgt Ion:	95	Resp:	50397
Ion	Ratio	Lower	Upper
95	100		
174	95.3	0.0	175.6
176	90.5	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.006 min
Lab File: VY017447.D
Acq: 21 Feb 2024 18:50

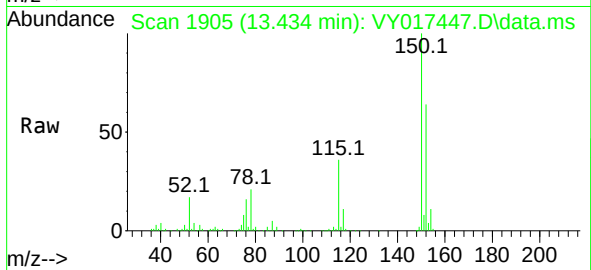
Tgt Ion:	117	Resp:	208204
Ion	Ratio	Lower	Upper
117	100		
82	49.2	42.4	63.6
119	31.1	25.9	38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.000 min
 Lab File: VY017447.D
 Acq: 21 Feb 2024 18:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 14



Tgt Ion:	152	Resp:	71055
Ion	Ratio	Lower	Upper
152	100		
115	54.2	28.2	84.7
150	154.4	0.0	345.6

