

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042524\
 Data File : VY018049.D
 Acq On : 25 Apr 2024 14:30
 Operator : SY/MD
 Sample : P2262-03RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-04-04242024RE

Quant Time: Apr 26 02:02:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

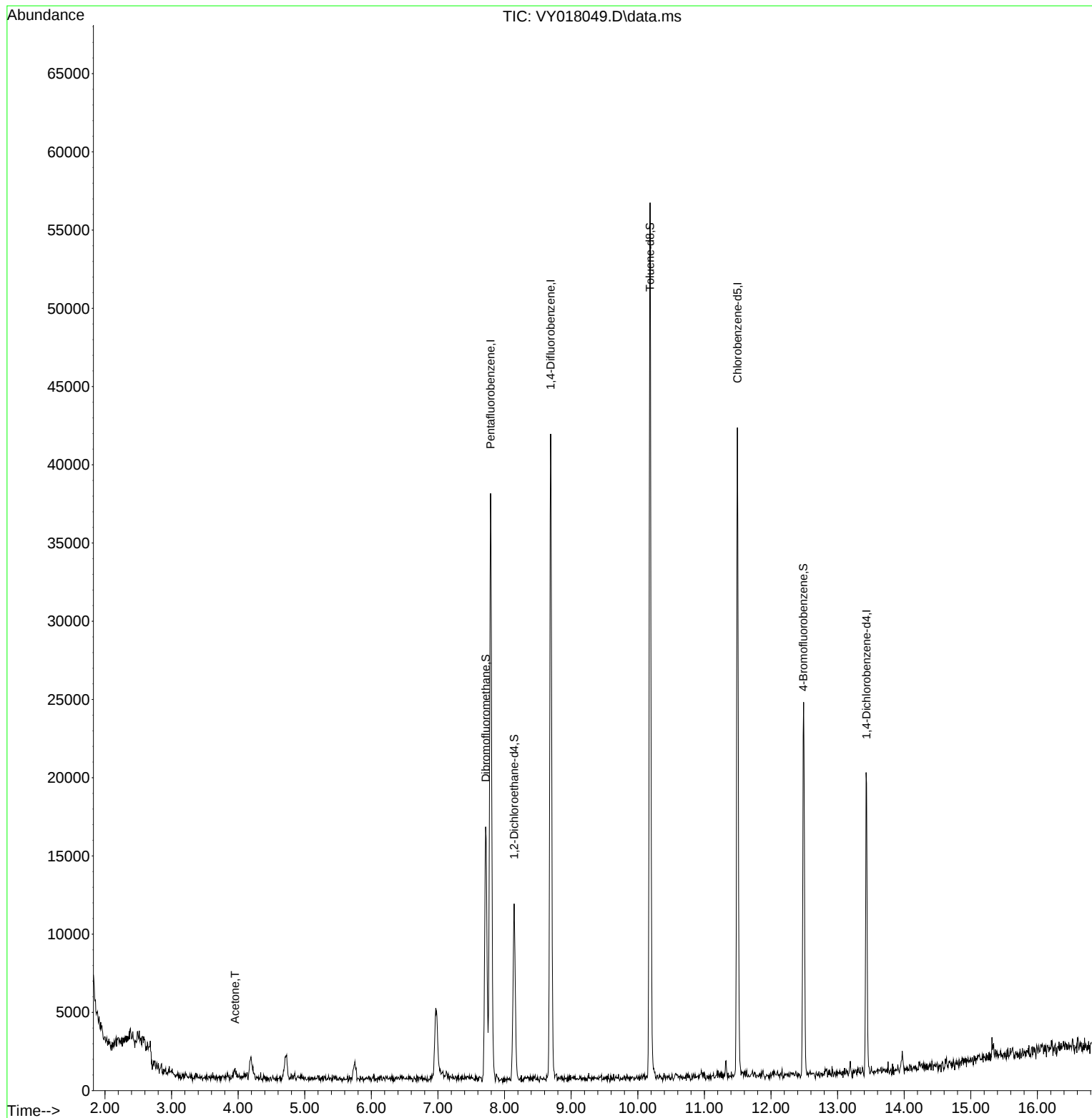
Internal Standards						
1) Pentafluorobenzene	7.789	168	32580	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	39400	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	25662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	5921	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	9072	32.177	ug/l	0.00
Spiked Amount 50.000	Range	50 - 163	Recovery	=	64.360%	
35) Dibromofluoromethane	7.716	113	11747	48.327	ug/l	0.00
Spiked Amount 50.000	Range	54 - 147	Recovery	=	96.660%	
50) Toluene-d8	10.185	98	39525	42.853	ug/l	0.00
Spiked Amount 50.000	Range	58 - 134	Recovery	=	85.700%	
62) 4-Bromofluorobenzene	12.483	95	6481	22.688	ug/l	0.00
Spiked Amount 50.000	Range	30 - 143	Recovery	=	45.380%	
Target Compounds						Qvalue
16) Acetone	3.954	43	1054	18.920	ug/l	93

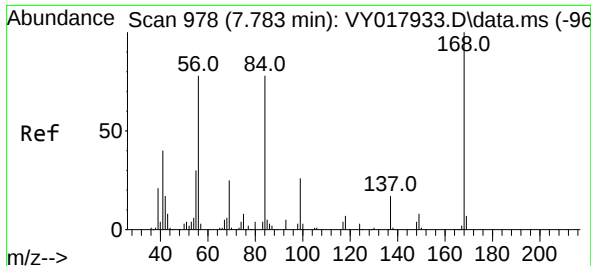
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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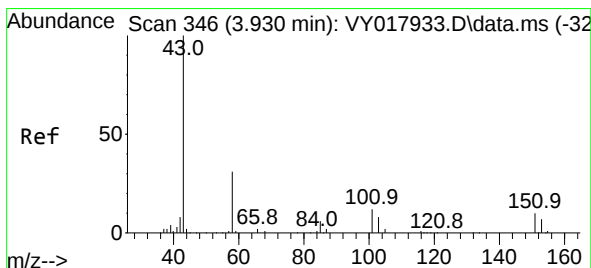
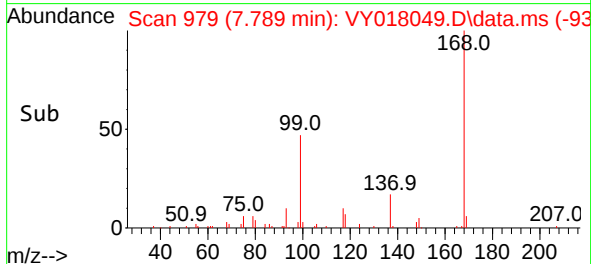
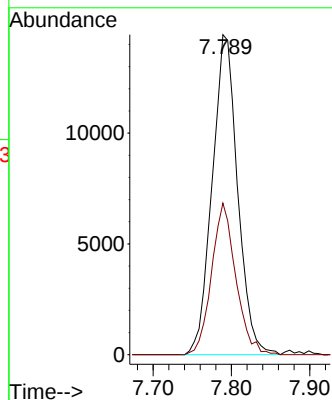
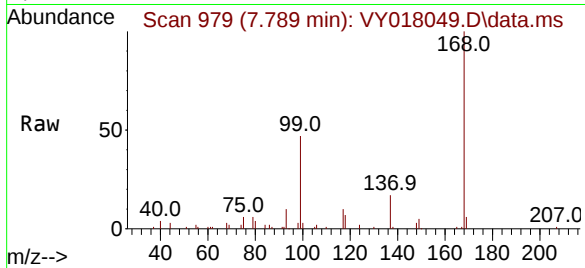




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018049.D
Acq: 25 Apr 2024 14:30

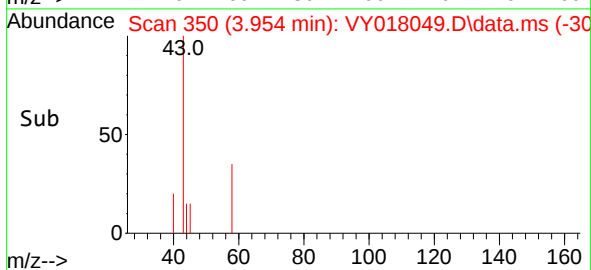
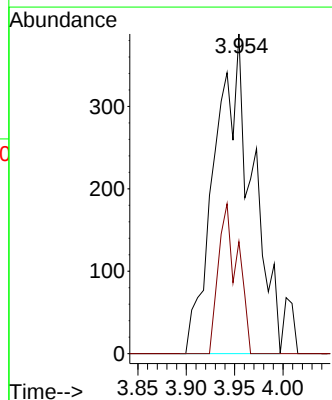
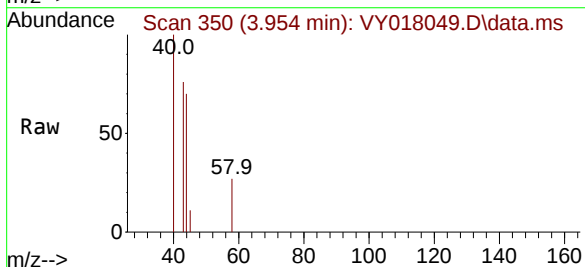
Instrument :
MSVOA_Y
ClientSampleId :
HR-04-04242024RE

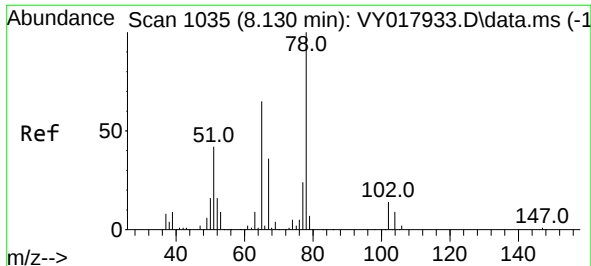
Tgt Ion:168 Resp: 32580
Ion Ratio Lower Upper
168 100
99 47.3 39.1 58.7



#16
Acetone
Concen: 18.920 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY018049.D
Acq: 25 Apr 2024 14:30

Tgt Ion: 43 Resp: 1054
Ion Ratio Lower Upper
43 100
58 35.1 31.7 47.5





#33

1,2-Dichloroethane-d4

Concen: 32.177 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018049.D

Acq: 25 Apr 2024 14:30

Instrument :

MSVOA_Y

ClientSampleId :

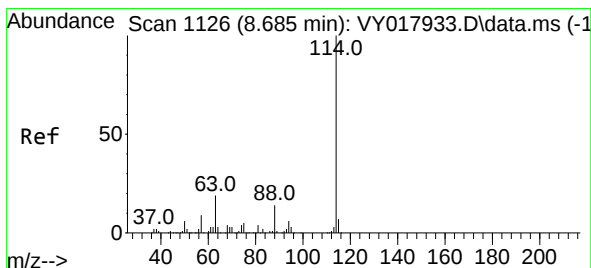
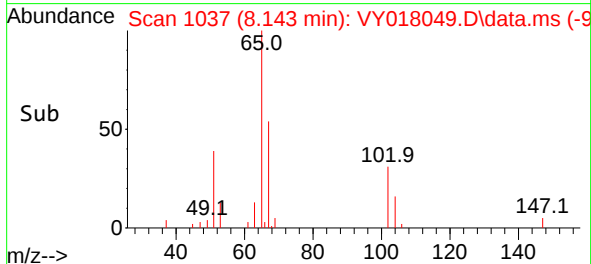
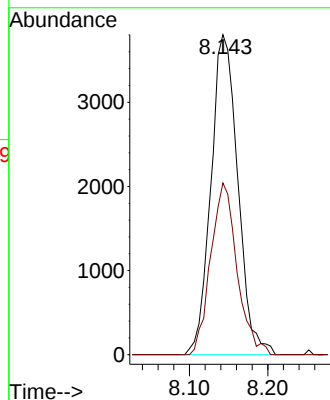
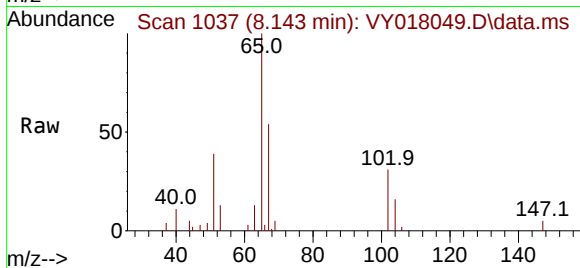
HR-04-04242024RE

Tgt Ion: 65 Resp: 9072

Ion Ratio Lower Upper

65 100

67 52.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY018049.D

Acq: 25 Apr 2024 14:30

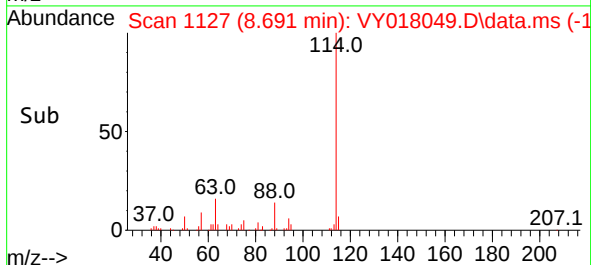
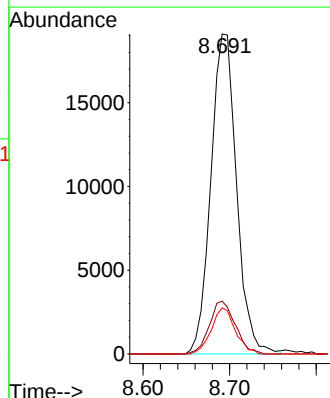
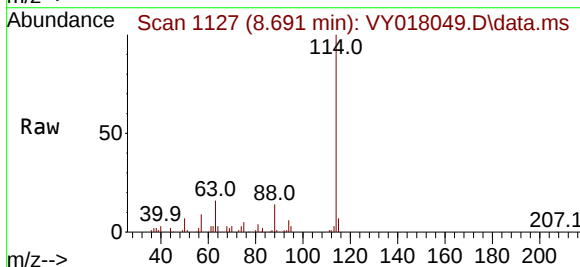
Tgt Ion: 114 Resp: 39400

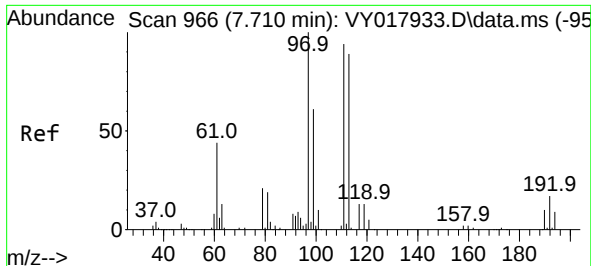
Ion Ratio Lower Upper

114 100

63 16.5 0.0 35.0

88 14.4 0.0 27.2

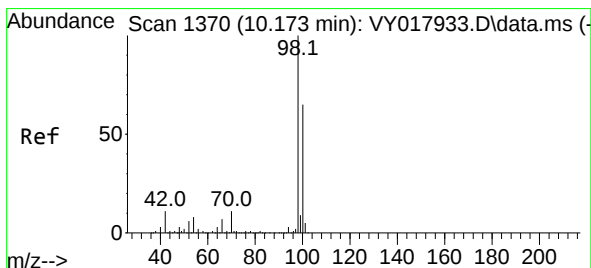
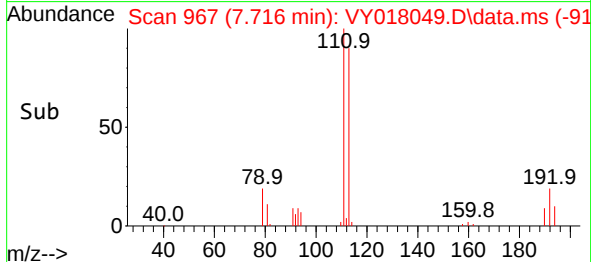
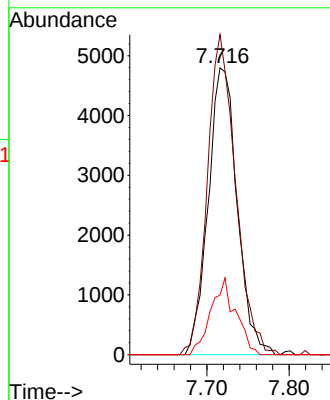
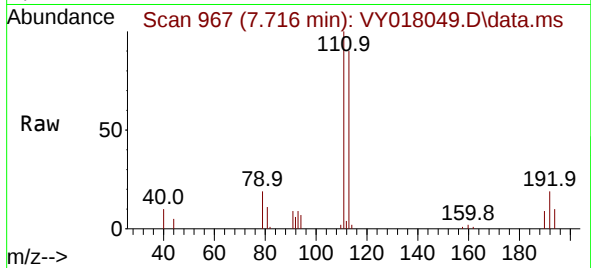




#35
 Dibromofluoromethane
 Concen: 48.327 ug/l
 RT: 7.716 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VY018049.D
 Acq: 25 Apr 2024 14:30

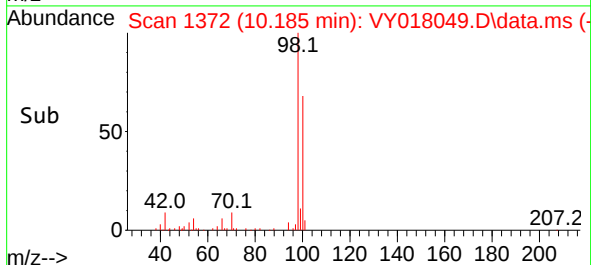
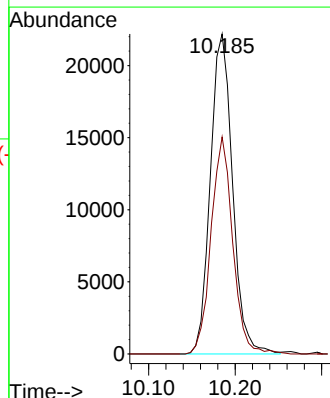
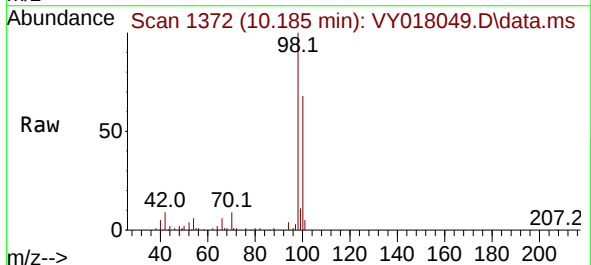
Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-04-04242024RE

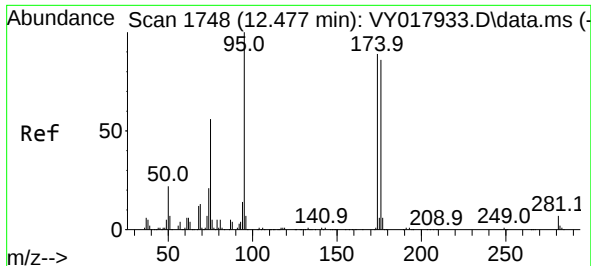
Tgt Ion:113 Resp: 11747
 Ion Ratio Lower Upper
 113 100
 111 108.5 82.2 123.4
 192 22.9 15.9 23.9



#50
 Toluene-d8
 Concen: 42.853 ug/l
 RT: 10.185 min Scan# 1372
 Delta R.T. 0.006 min
 Lab File: VY018049.D
 Acq: 25 Apr 2024 14:30

Tgt Ion: 98 Resp: 39525
 Ion Ratio Lower Upper
 98 100
 100 66.2 52.0 78.0

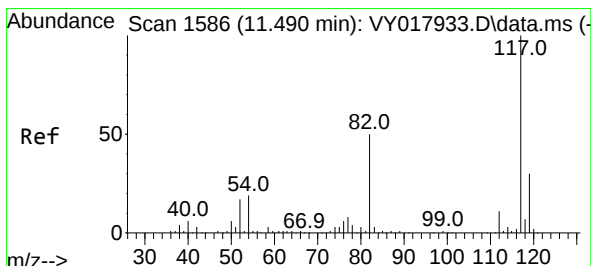
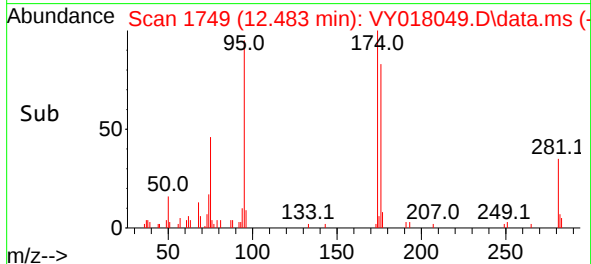
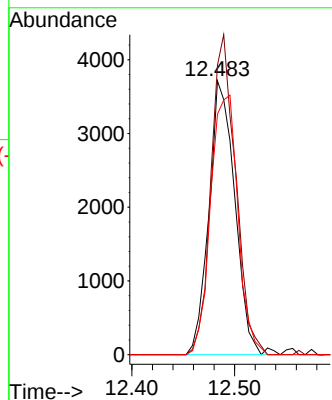
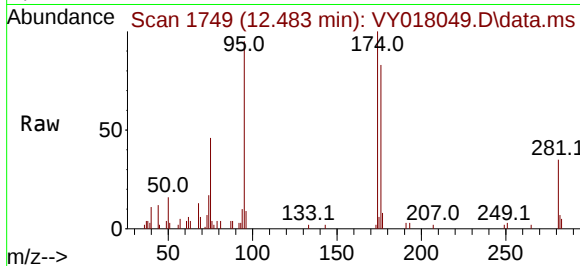




#62
4-Bromofluorobenzene
Concen: 22.688 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018049.D
Acq: 25 Apr 2024 14:30

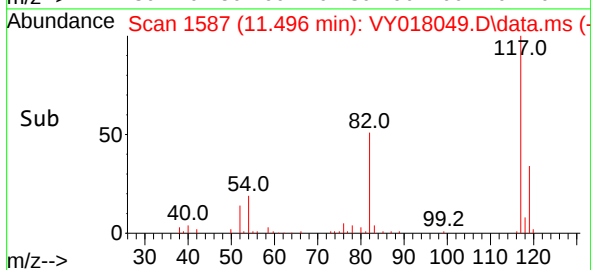
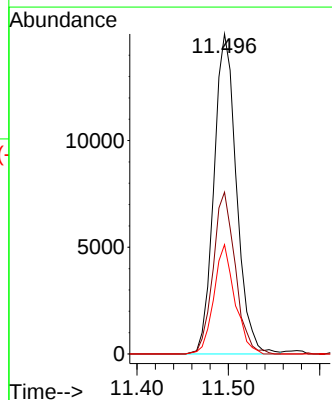
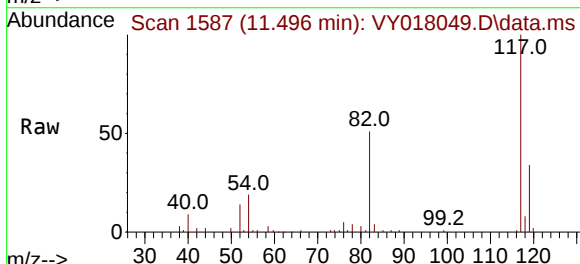
Instrument :
MSVOA_Y
ClientSampleId :
HR-04-04242024RE

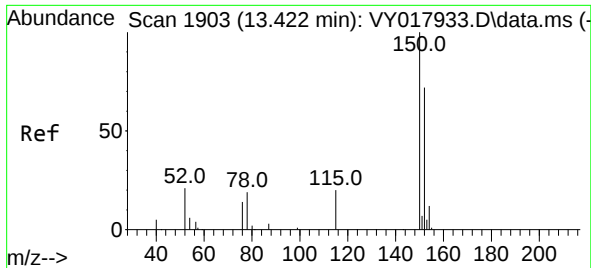
Tgt Ion:	95	Resp:	6481
Ion	Ratio	Lower	Upper
95	100		
174	111.3	0.0	175.6
176	100.2	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY018049.D
Acq: 25 Apr 2024 14:30

Tgt Ion:	117	Resp:	25662
Ion	Ratio	Lower	Upper
117	100		
82	50.5	42.4	63.6
119	34.1	25.9	38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY018049.D

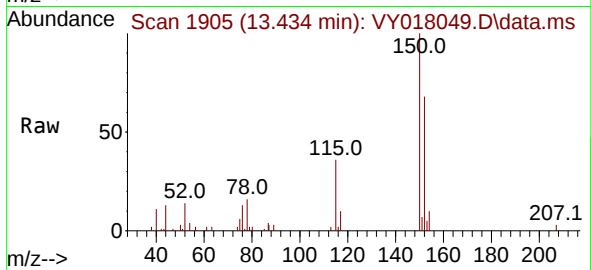
Acq: 25 Apr 2024 14:30

Instrument :

MSVOA_Y

ClientSampleId :

HR-04-04242024RE



Tgt Ion:152 Resp: 5921

Ion Ratio Lower Upper

152 100

115 50.0 28.2 84.7

150 151.0 0.0 345.6

