

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041924\
 Data File : VY017994.D
 Acq On : 19 Apr 2024 13:23
 Operator : SY/MD
 Sample : P2147-13
 Misc : 4.64g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GRAB-9

Quant Time: Apr 19 23:24:19 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)

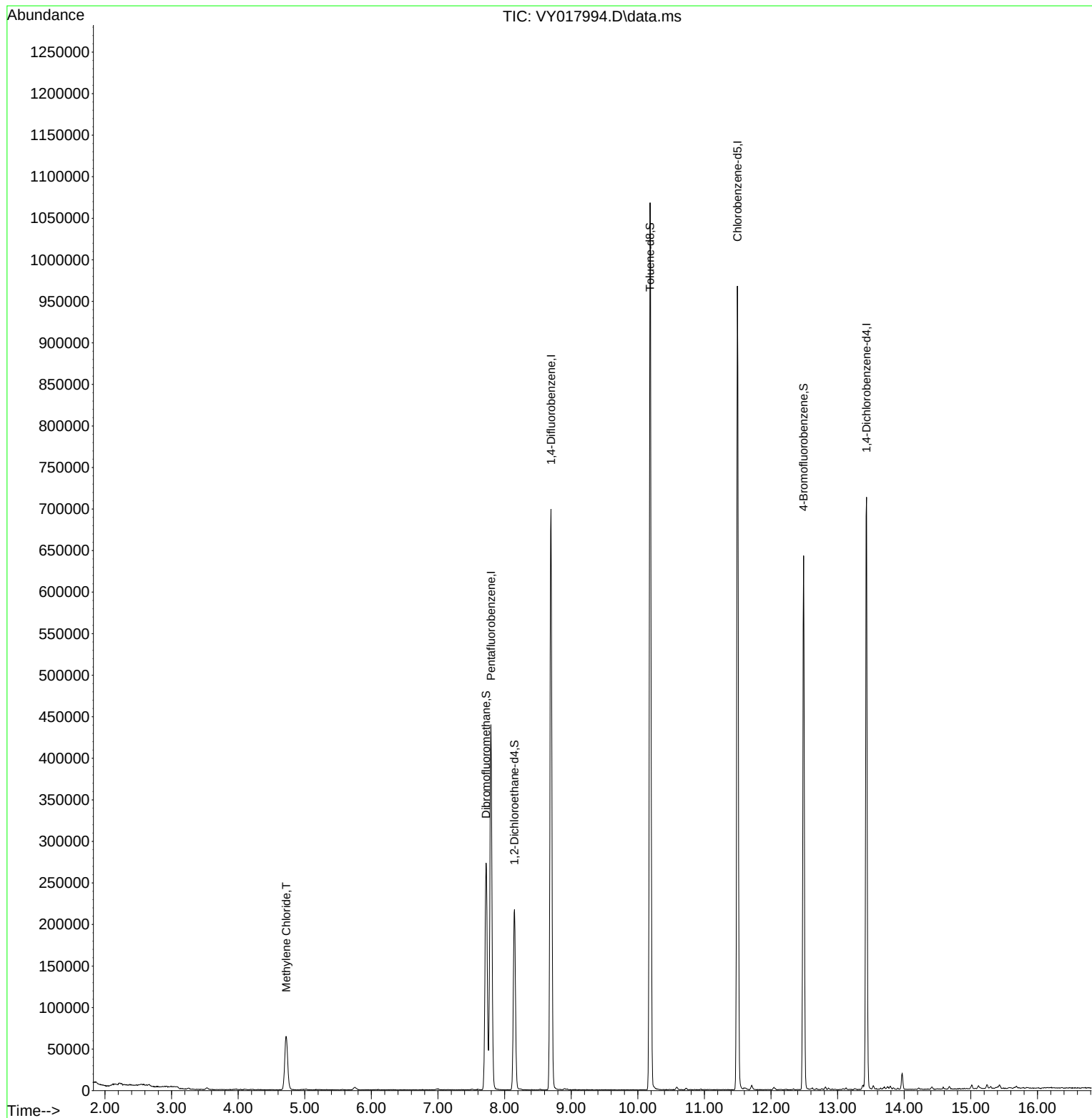
Internal Standards						
1) Pentafluorobenzene	7.795	168	366943	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	640595	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	560820	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	200443	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	167490	52.746	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.500%	
35) Dibromofluoromethane	7.722	113	201622	51.017	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.040%	
50) Toluene-d8	10.185	98	730376	48.704	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.400%	
62) 4-Bromofluorobenzene	12.489	95	196500	42.309	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 84.620%	
Target Compounds						
20) Methylene Chloride	4.722	84	54248	12.762	ug/l	Qvalue 99

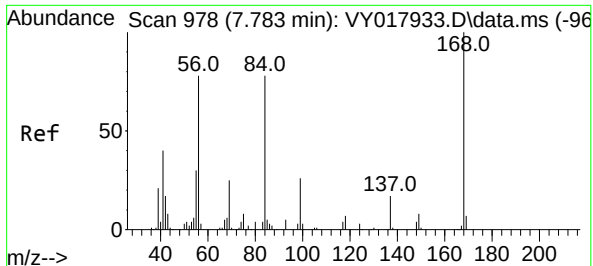
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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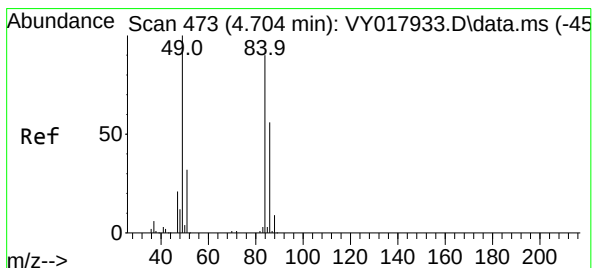
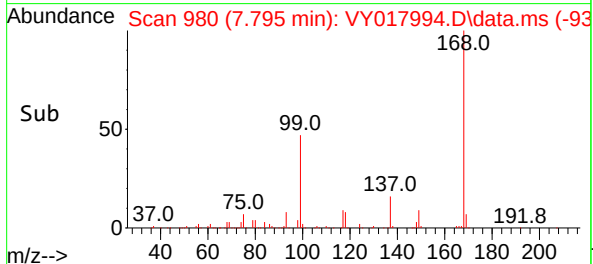
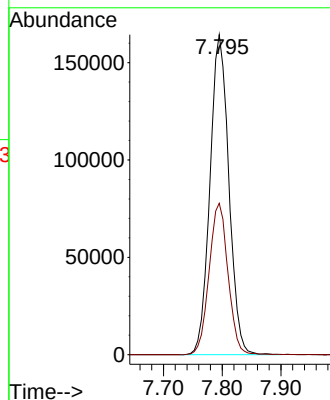
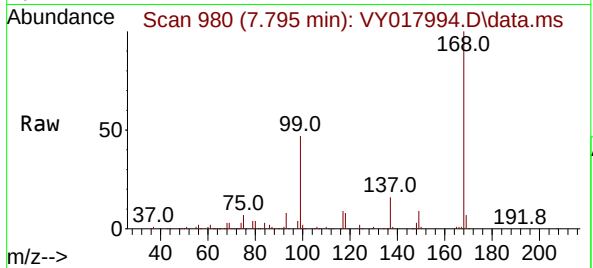




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017994.D
Acq: 19 Apr 2024 13:23

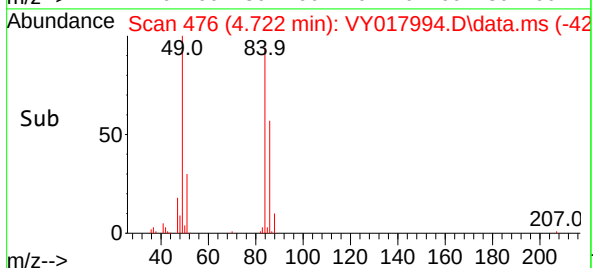
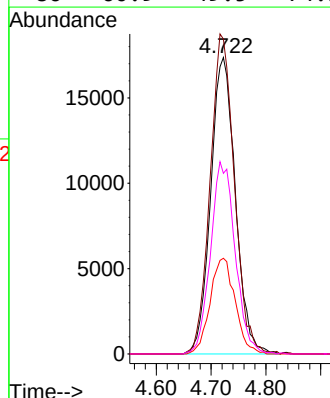
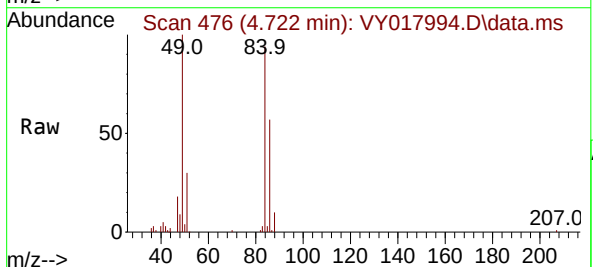
Instrument :
MSVOA_Y
ClientSampleId :
GRAB-9

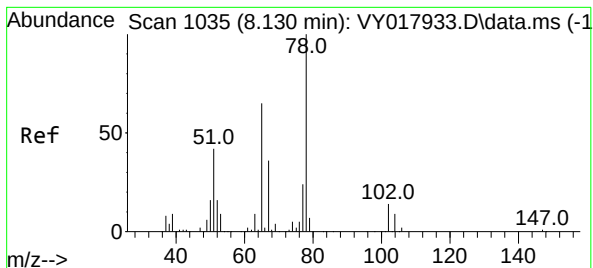
Tgt Ion:168 Resp: 366943
Ion Ratio Lower Upper
168 100
99 47.3 39.1 58.7



#20
Methylene Chloride
Concen: 12.762 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY017994.D
Acq: 19 Apr 2024 13:23

Tgt Ion: 84 Resp: 54248
Ion Ratio Lower Upper
84 100
49 106.2 84.4 126.6
51 32.3 26.0 39.0
86 60.9 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 52.746 ug/l

RT: 8.149 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017994.D

Acq: 19 Apr 2024 13:23

Instrument :

MSVOA_Y

ClientSampleId :

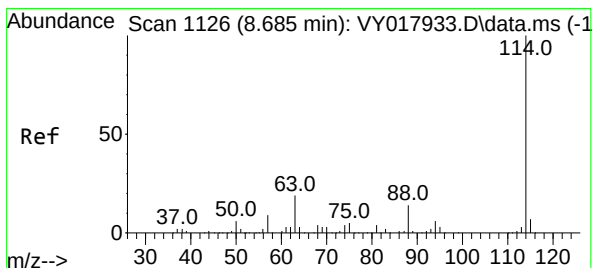
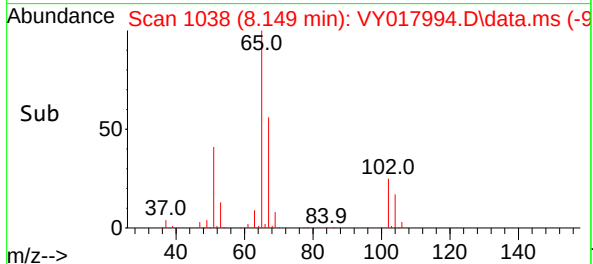
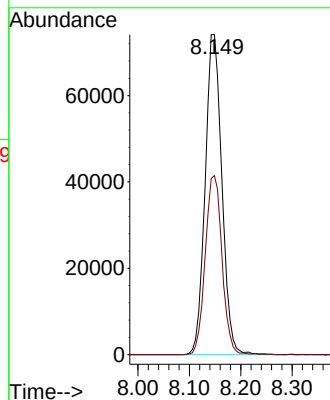
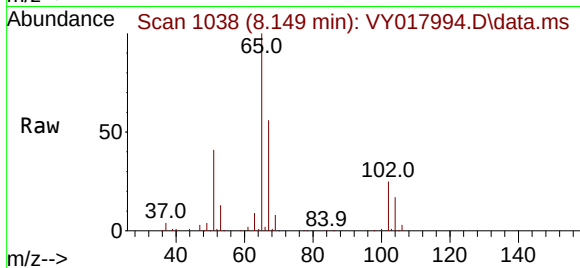
GRAB-9

Tgt Ion: 65 Resp: 167490

Ion Ratio Lower Upper

65 100

67 56.1 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY017994.D

Acq: 19 Apr 2024 13:23

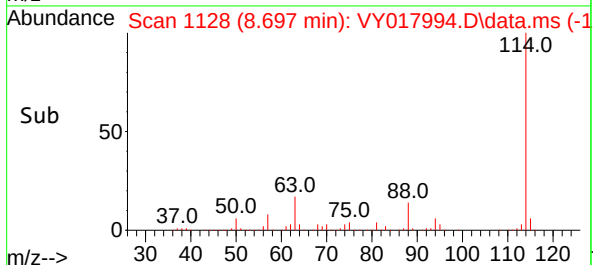
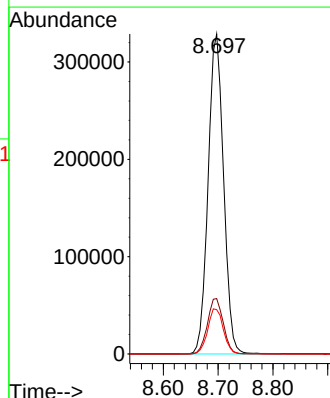
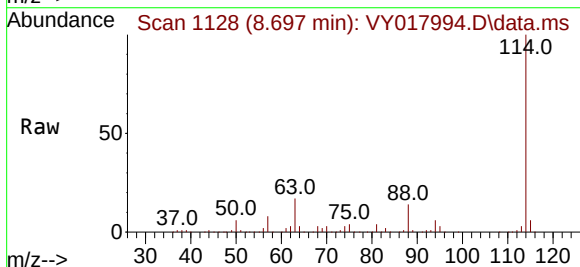
Tgt Ion: 114 Resp: 640595

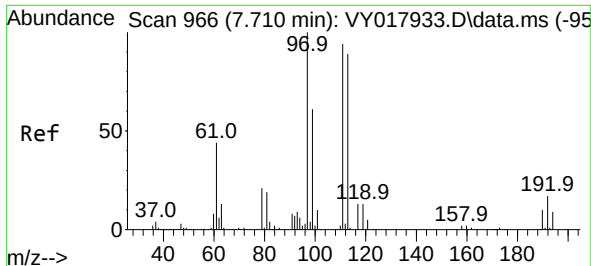
Ion Ratio Lower Upper

114 100

63 17.3 0.0 35.0

88 13.9 0.0 27.2





#35

Dibromofluoromethane

Concen: 51.017 ug/l

RT: 7.722 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY017994.D

Acq: 19 Apr 2024 13:23

Instrument :

MSVOA_Y

ClientSampleId :

GRAB-9

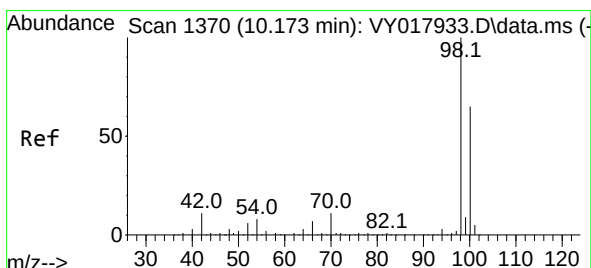
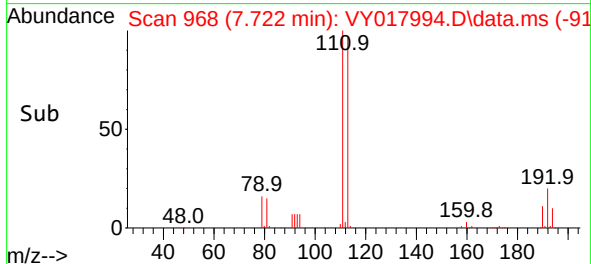
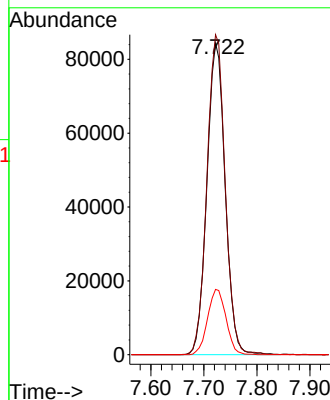
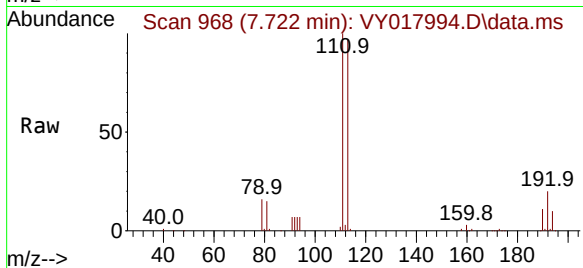
Tgt Ion:113 Resp: 201622

Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.4

192 21.1 15.9 23.9



#50

Toluene-d8

Concen: 48.704 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY017994.D

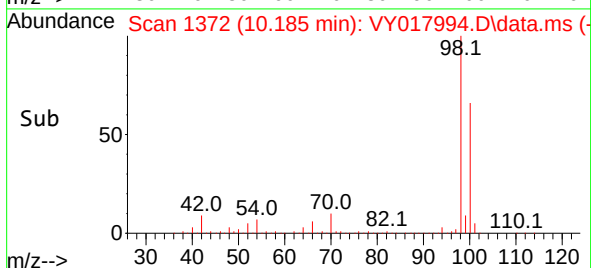
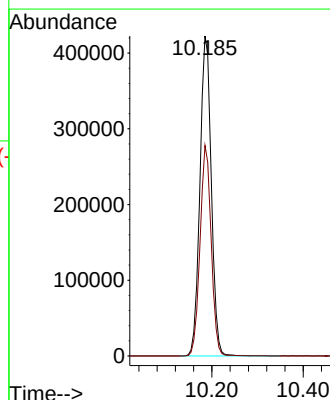
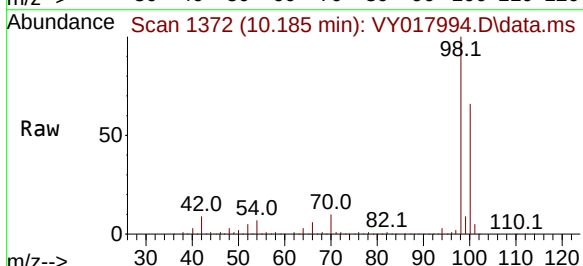
Acq: 19 Apr 2024 13:23

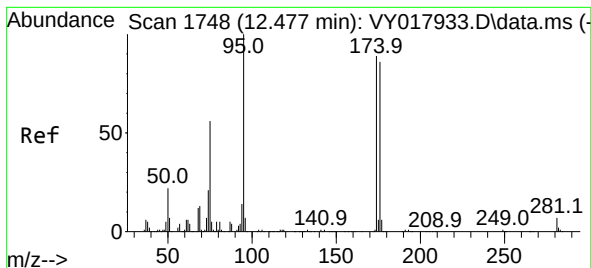
Tgt Ion: 98 Resp: 730376

Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0

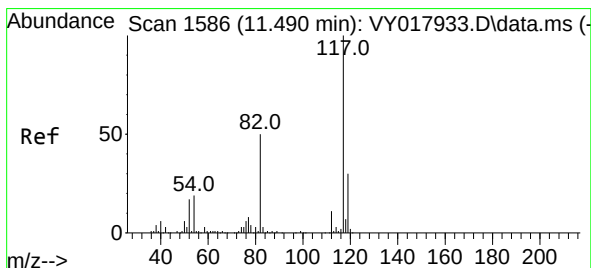
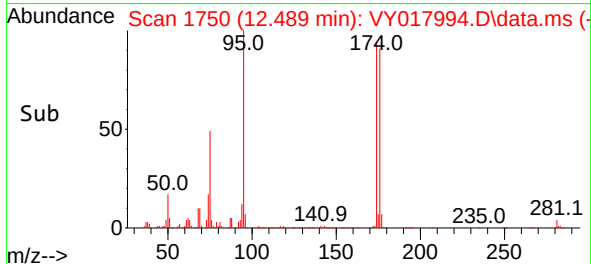
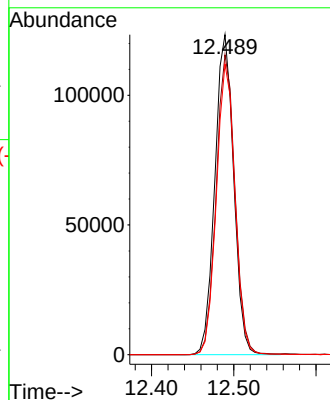
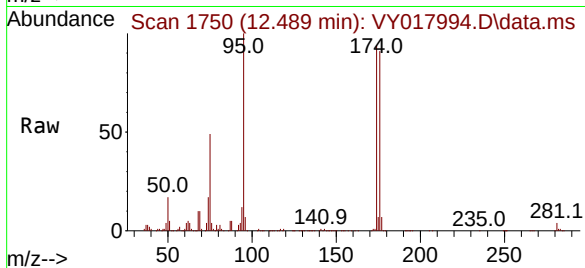




#62
4-Bromofluorobenzene
Concen: 42.309 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017994.D
Acq: 19 Apr 2024 13:23

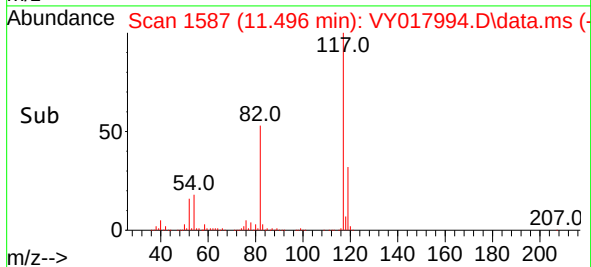
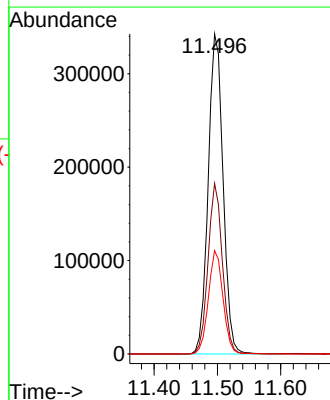
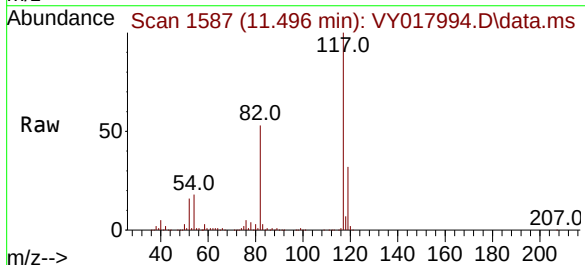
Instrument :
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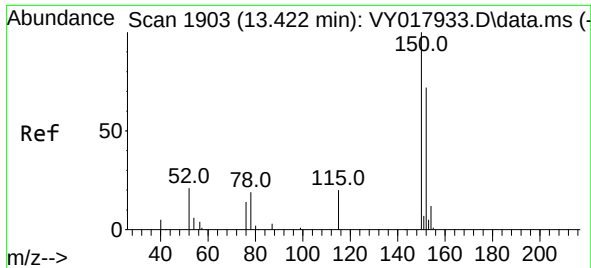
Tgt Ion: 95 Resp: 196500
Ion Ratio Lower Upper
95 100
174 93.7 0.0 175.6
176 89.8 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY017994.D
Acq: 19 Apr 2024 13:23

Tgt Ion: 117 Resp: 560820
Ion Ratio Lower Upper
117 100
82 53.3 42.4 63.6
119 32.3 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: VY017994.D

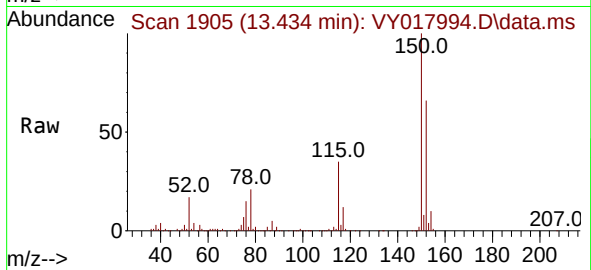
Acq: 19 Apr 2024 13:23

Instrument :

MSVOA_Y

ClientSampleId :

GRAB-9



Tgt Ion:152 Resp: 200443

Ion Ratio Lower Upper

152 100

115 55.0 28.2 84.7

150 157.4 0.0 345.6

