

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031824\
 Data File : VY017698.D
 Acq On : 18 Mar 2024 18:59
 Operator : SY/MD
 Sample : P1764-08
 Misc : 4.54g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GRAB-8

Quant Time: Mar 19 04:12:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

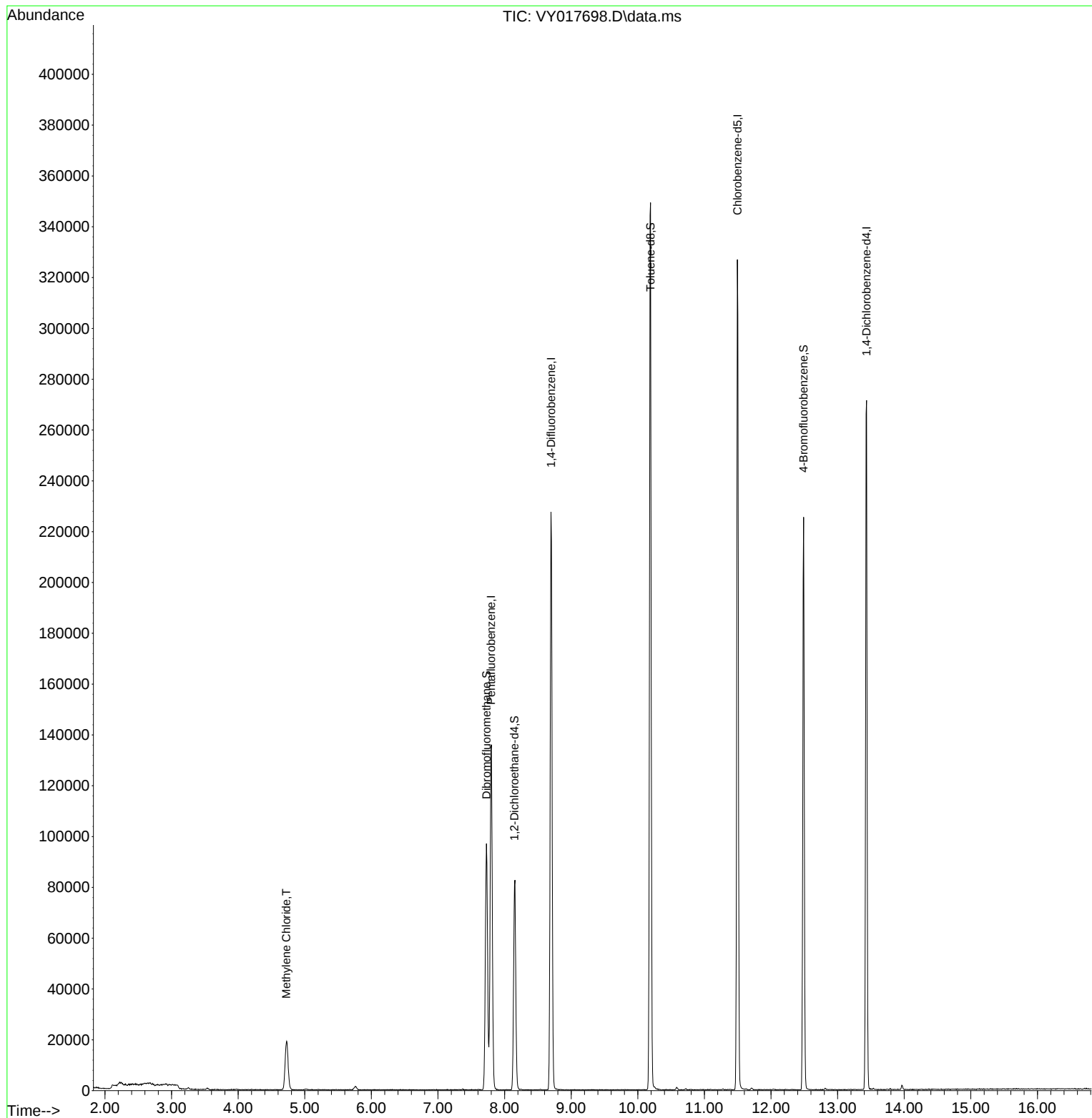
Internal Standards						
1) Pentafluorobenzene	7.795	168	112752	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	210234	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	193367	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	75482	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	62570	58.554	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.100%
35) Dibromofluoromethane	7.728	113	70422	48.070	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.140%
50) Toluene-d8	10.191	98	239851	46.827	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.660%
62) 4-Bromofluorobenzene	12.489	95	66646	41.402	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.800%
Target Compounds						
20) Methylene Chloride	4.722	84	16262	8.846	ug/l	94

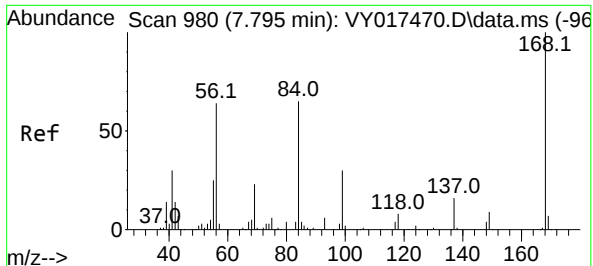
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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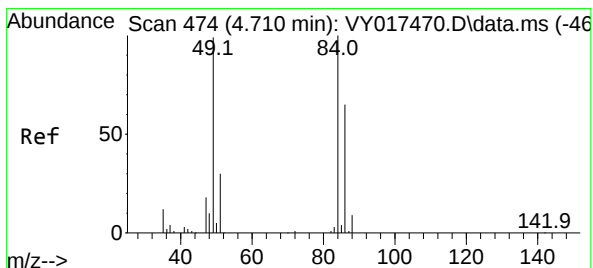
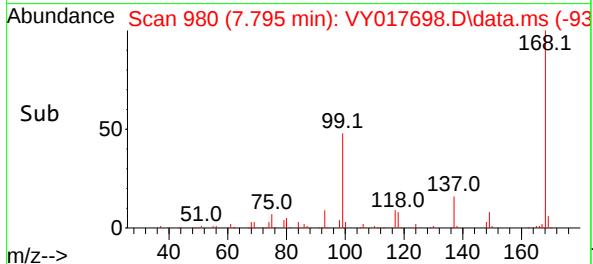
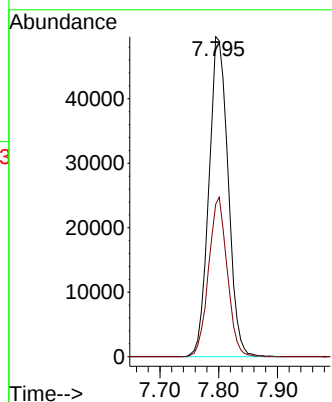
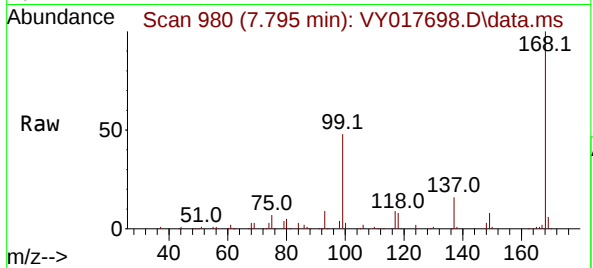




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017698.D
Acq: 18 Mar 2024 18:59

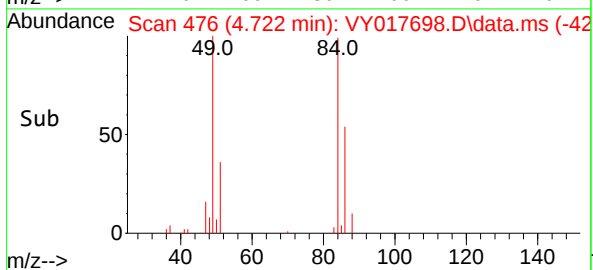
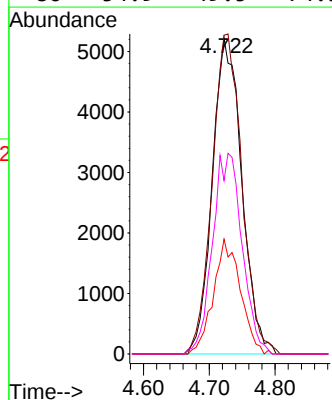
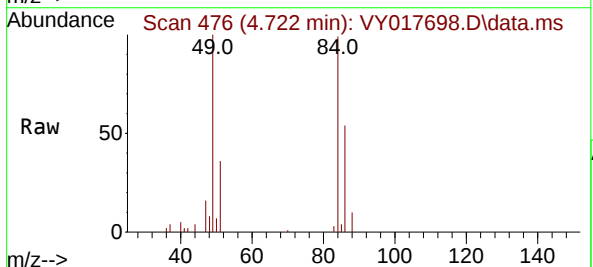
Instrument :
MSVOA_Y
ClientSampleId :
GRAB-8

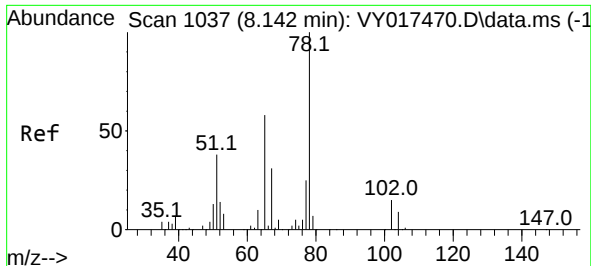
Tgt Ion:168 Resp: 112752
Ion Ratio Lower Upper
168 100
99 47.7 39.1 58.7



#20
Methylene Chloride
Concen: 8.846 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.012 min
Lab File: VY017698.D
Acq: 18 Mar 2024 18:59

Tgt Ion: 84 Resp: 16262
Ion Ratio Lower Upper
84 100
49 100.8 84.4 126.6
51 36.3 26.0 39.0
86 54.9 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 58.554 ug/l

RT: 8.149 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY017698.D

Acq: 18 Mar 2024 18:59

Instrument :

MSVOA_Y

ClientSampleId :

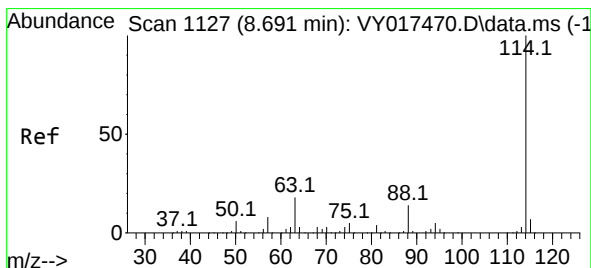
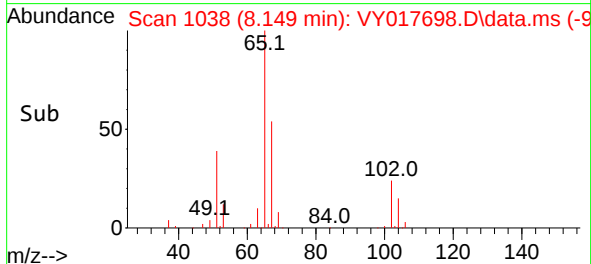
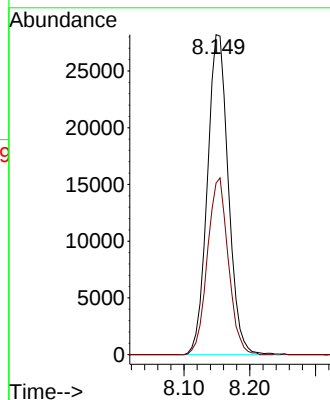
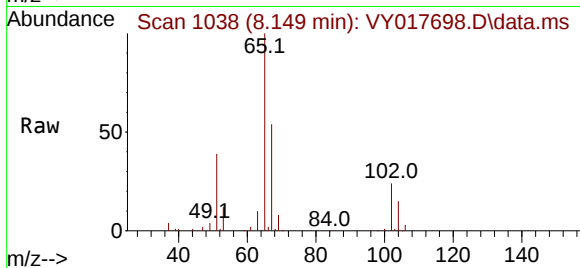
GRAB-8

Tgt Ion: 65 Resp: 62570

Ion Ratio Lower Upper

65 100

67 55.0 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: VY017698.D

Acq: 18 Mar 2024 18:59

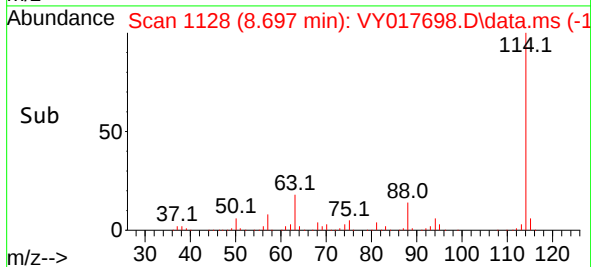
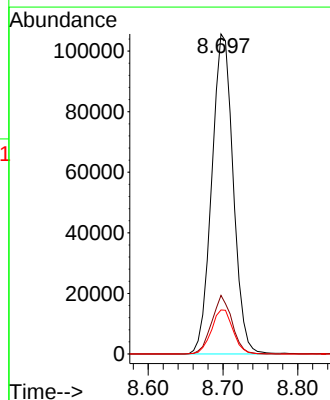
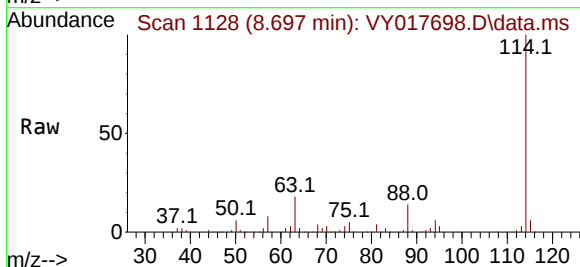
Tgt Ion: 114 Resp: 210234

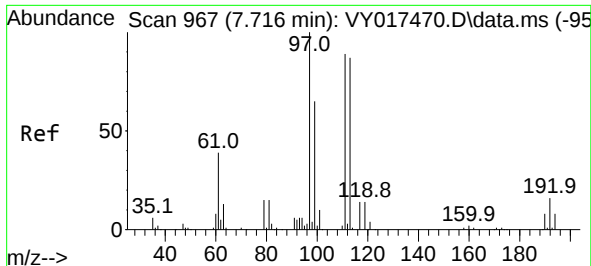
Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.0

88 13.8 0.0 27.2





#35

Dibromofluoromethane

Concen: 48.070 ug/l

RT: 7.728 min Scan# 90

Delta R.T. 0.012 min

Lab File: VY017698.D

Acq: 18 Mar 2024 18:59

Instrument :

MSVOA_Y

ClientSampleId :

GRAB-8

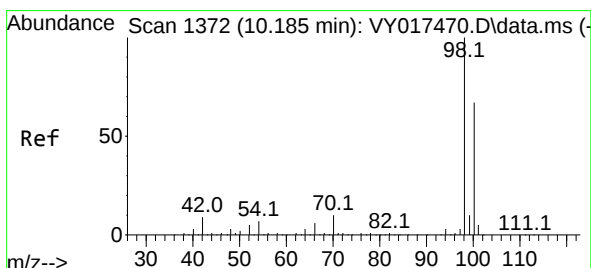
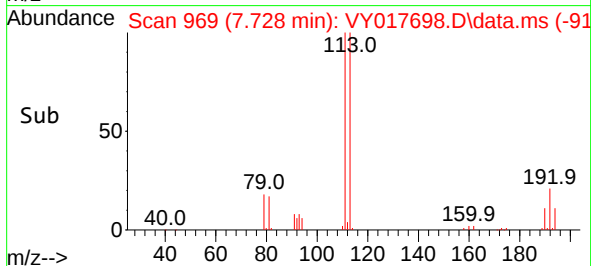
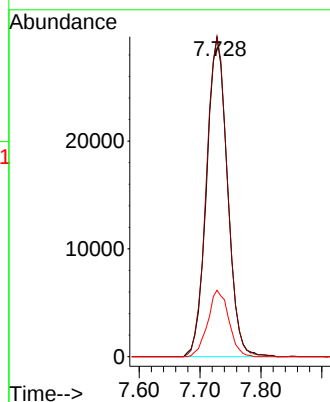
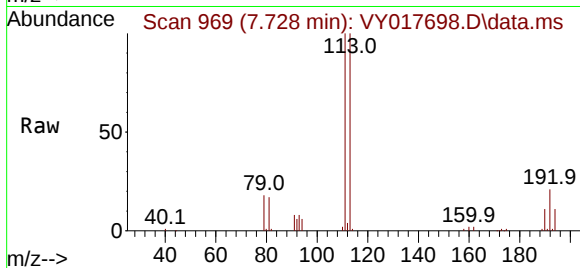
Tgt Ion:113 Resp: 70422

Ion Ratio Lower Upper

113 100

111 101.4 82.2 123.4

192 21.0 15.9 23.9



#50

Toluene-d8

Concen: 46.827 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.006 min

Lab File: VY017698.D

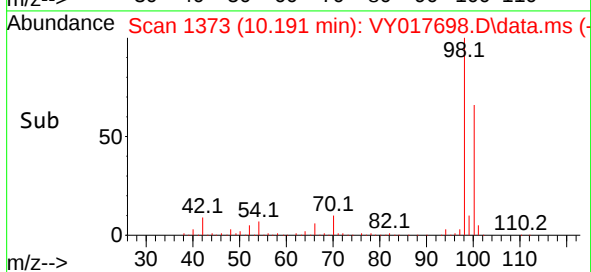
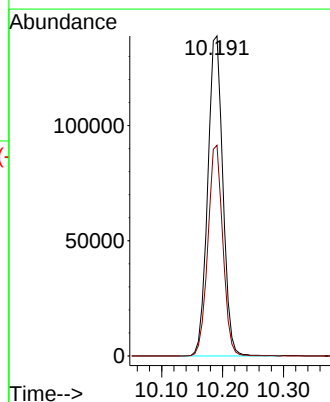
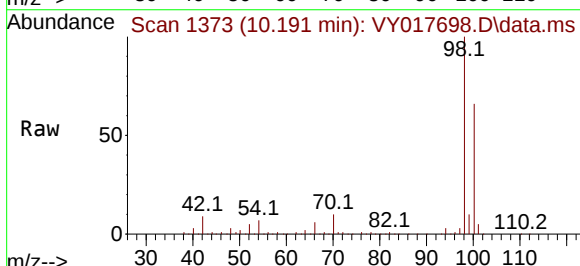
Acq: 18 Mar 2024 18:59

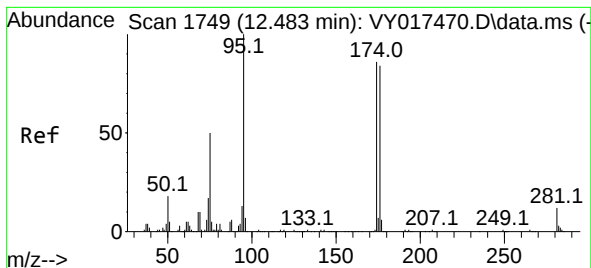
Tgt Ion: 98 Resp: 239851

Ion Ratio Lower Upper

98 100

100 65.1 52.0 78.0

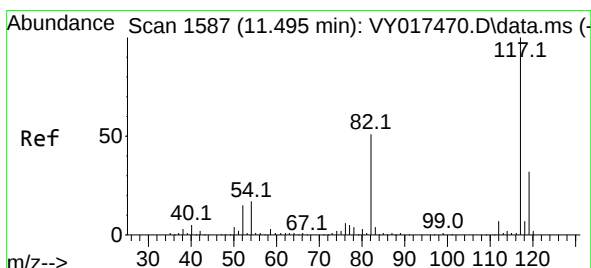
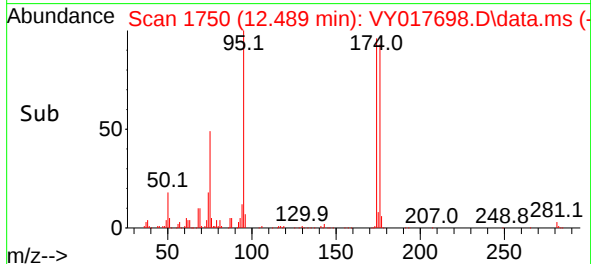
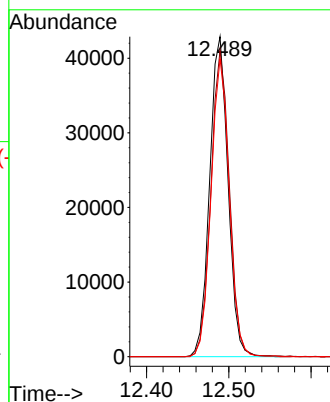
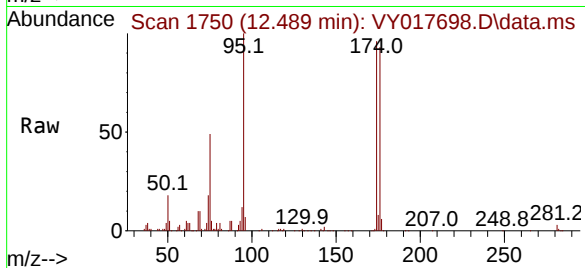




#62
4-Bromofluorobenzene
Concen: 41.402 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017698.D
Acq: 18 Mar 2024 18:59

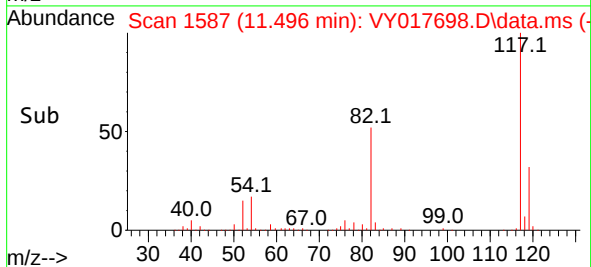
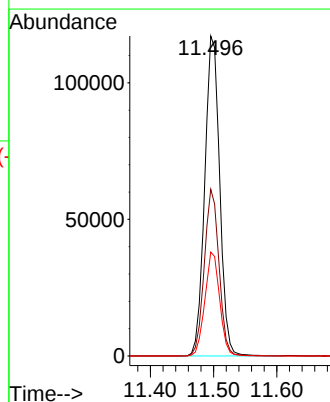
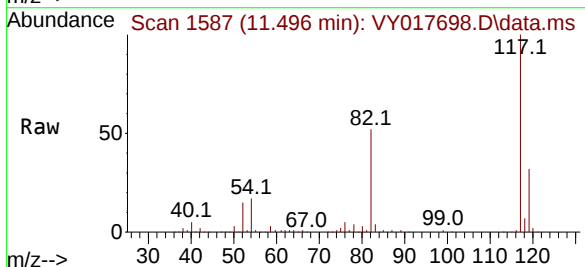
Instrument :
MSVOA_Y
ClientSampleId :
GRAB-8

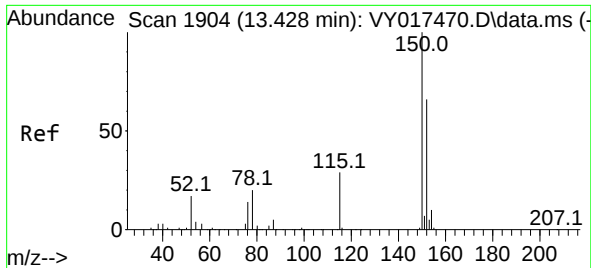
Tgt Ion: 95 Resp: 66646
Ion Ratio Lower Upper
95 100
174 96.2 0.0 175.6
176 92.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY017698.D
Acq: 18 Mar 2024 18:59

Tgt Ion: 117 Resp: 193367
Ion Ratio Lower Upper
117 100
82 52.1 42.4 63.6
119 32.5 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: VY017698.D

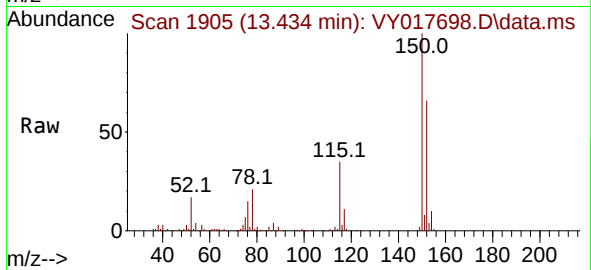
Acq: 18 Mar 2024 18:59

Instrument :

MSVOA_Y

ClientSampleId :

GRAB-8



Tgt Ion:152 Resp: 75482

Ion Ratio Lower Upper

152 100

115 54.2 28.2 84.7

150 155.5 0.0 345.6

