

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031824\
 Data File : VY017695.D
 Acq On : 18 Mar 2024 17:48
 Operator : SY/MD
 Sample : P1764-05
 Misc : 4.68g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GRAB-5

Quant Time: Mar 19 04:11:40 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)

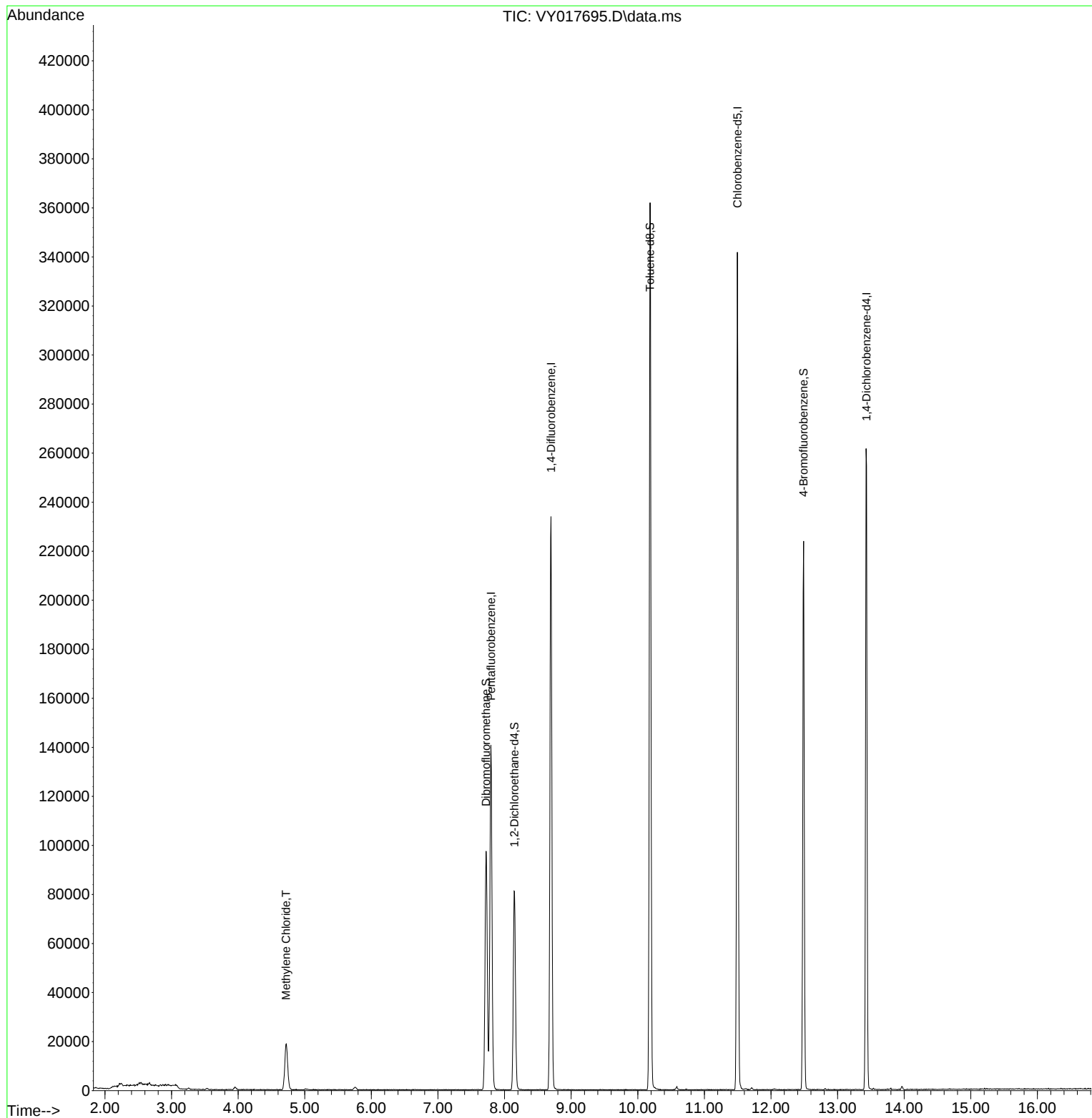
Internal Standards						
1) Pentafluorobenzene	7.795	168	115069	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	213792	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	193037	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	73595	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	62591	57.394	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.780%
35) Dibromofluoromethane	7.722	113	70817	47.536	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.080%
50) Toluene-d8	10.185	98	246497	47.323	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.640%
62) 4-Bromofluorobenzene	12.489	95	67152	41.022	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.040%
Target Compounds						
20) Methylene Chloride	4.716	84	15854	8.175	ug/l	Qvalue 92

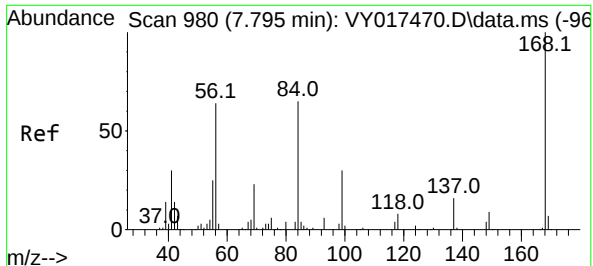
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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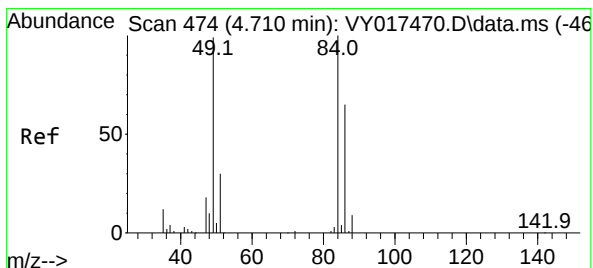
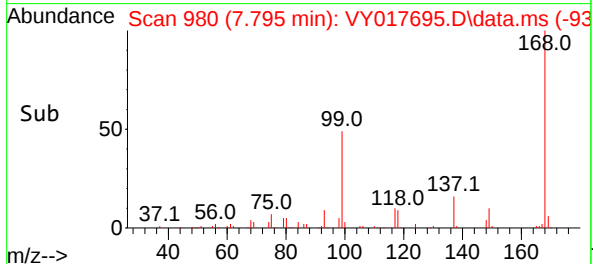
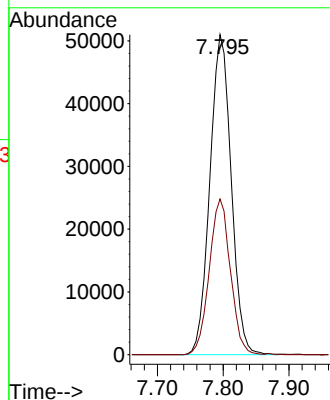
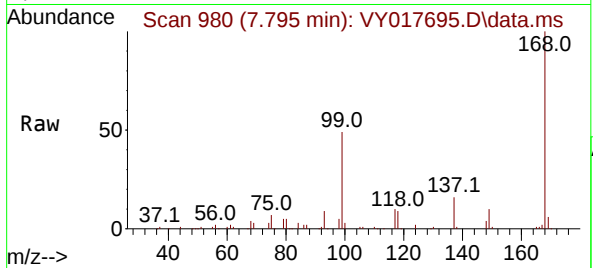




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017695.D
Acq: 18 Mar 2024 17:48

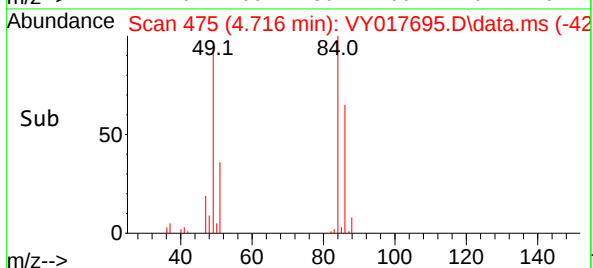
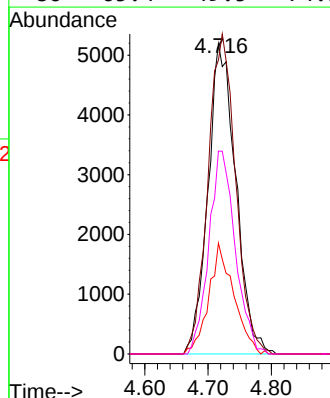
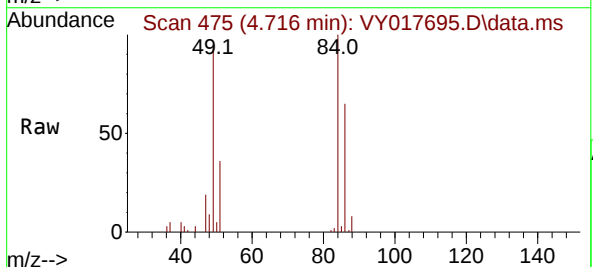
Instrument :
MSVOA_Y
ClientSampleId :
GRAB-5

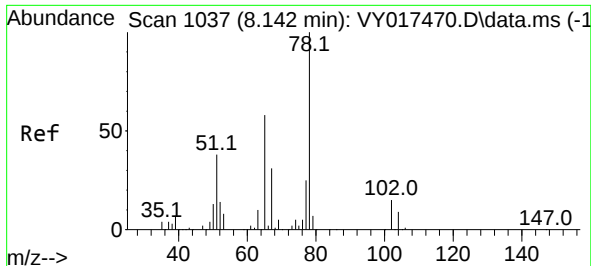
Tgt Ion:168 Resp: 115069
Ion Ratio Lower Upper
168 100
99 48.7 39.1 58.7



#20
Methylene Chloride
Concen: 8.175 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY017695.D
Acq: 18 Mar 2024 17:48

Tgt Ion: 84 Resp: 15854
Ion Ratio Lower Upper
84 100
49 94.7 84.4 126.6
51 35.7 26.0 39.0
86 65.4 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 57.394 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY017695.D

Acq: 18 Mar 2024 17:48

Instrument :

MSVOA_Y

ClientSampleId :

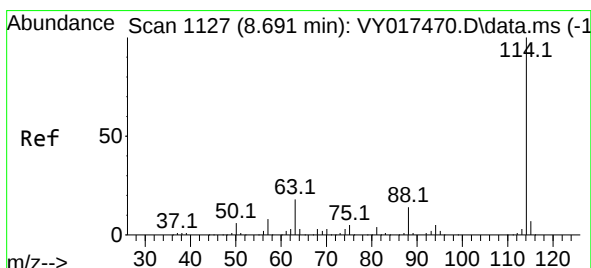
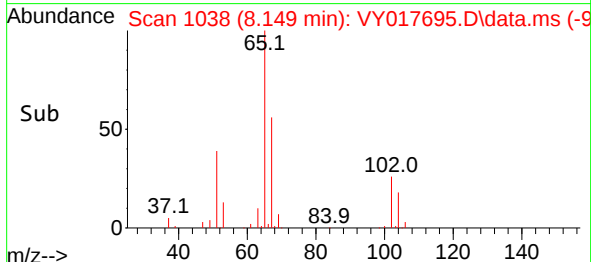
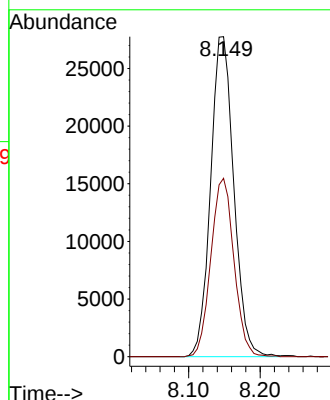
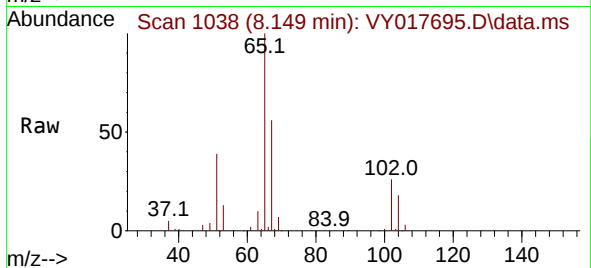
GRAB-5

Tgt Ion: 65 Resp: 62591

Ion Ratio Lower Upper

65 100

67 55.4 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: VY017695.D

Acq: 18 Mar 2024 17:48

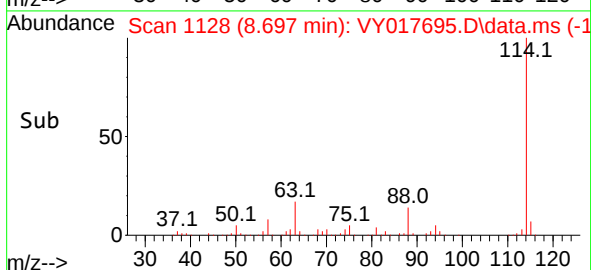
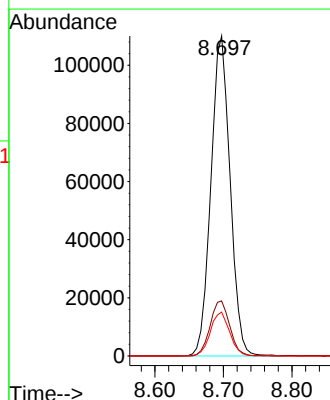
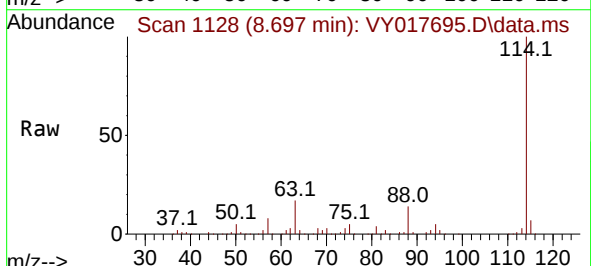
Tgt Ion: 114 Resp: 213792

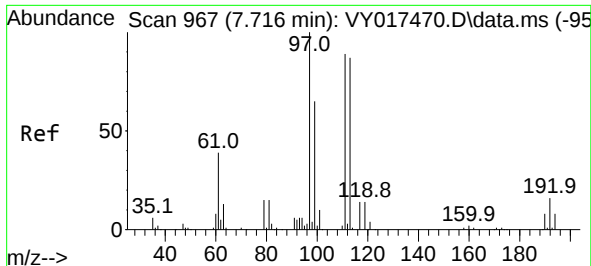
Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.0

88 13.7 0.0 27.2

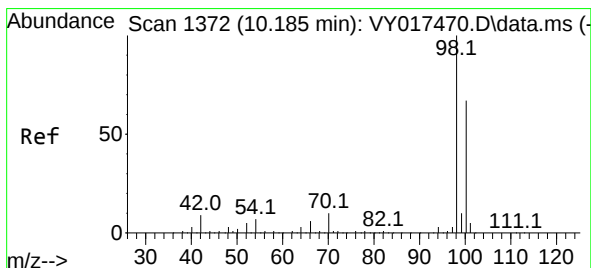
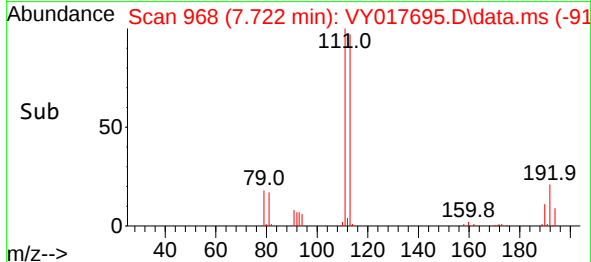
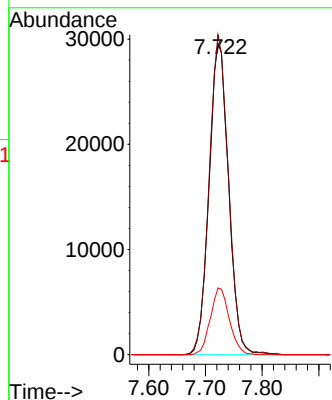
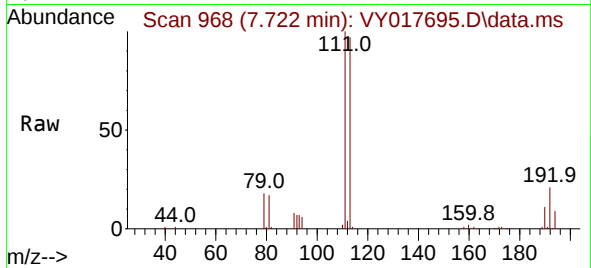




#35
Dibromofluoromethane
Concen: 47.536 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY017695.D
Acq: 18 Mar 2024 17:48

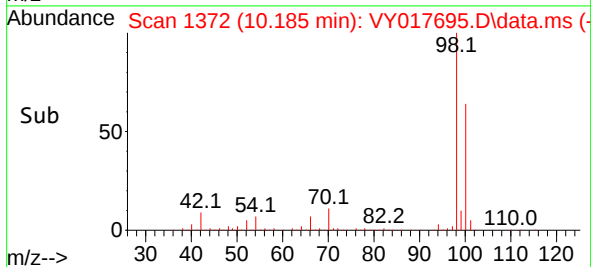
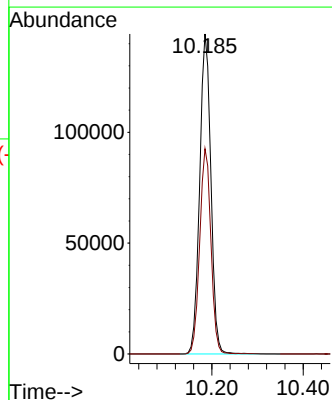
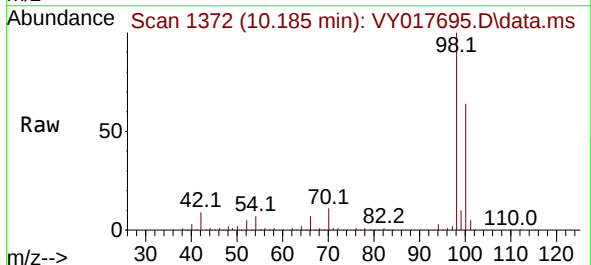
Instrument :
MSVOA_Y
ClientSampleId :
GRAB-5

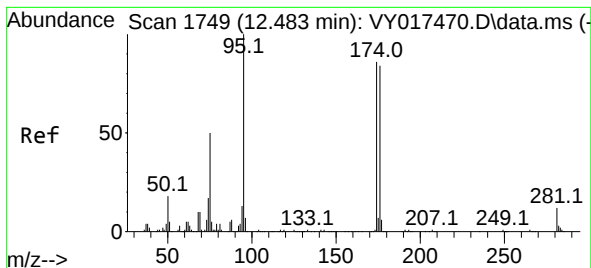
Tgt Ion:113 Resp: 70817
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.4
192 20.8 15.9 23.9



#50
Toluene-d8
Concen: 47.323 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017695.D
Acq: 18 Mar 2024 17:48

Tgt Ion: 98 Resp: 246497
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0

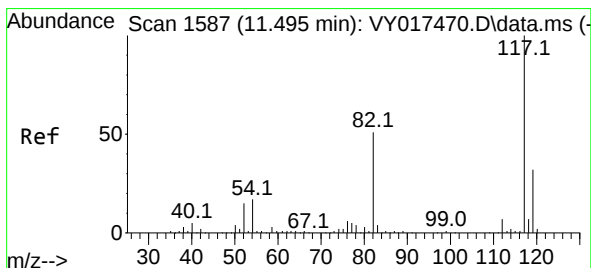
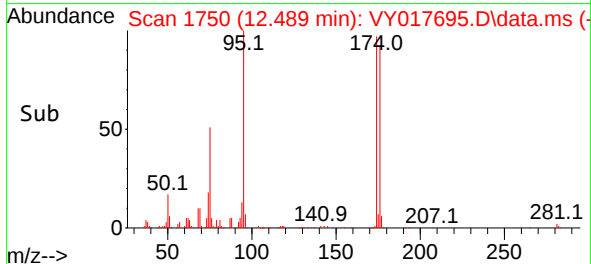
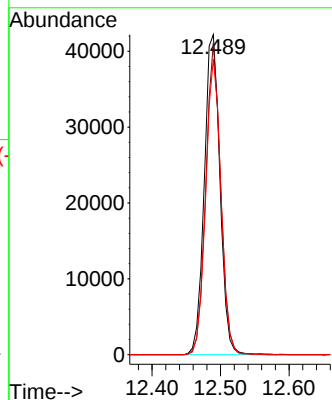
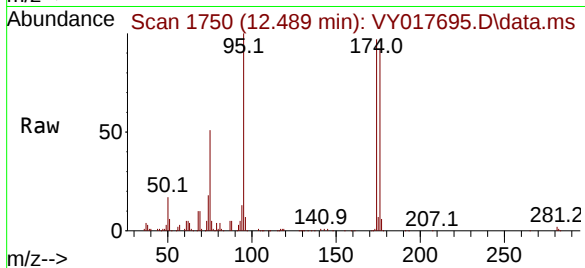




#62
4-Bromofluorobenzene
Concen: 41.022 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017695.D
Acq: 18 Mar 2024 17:48

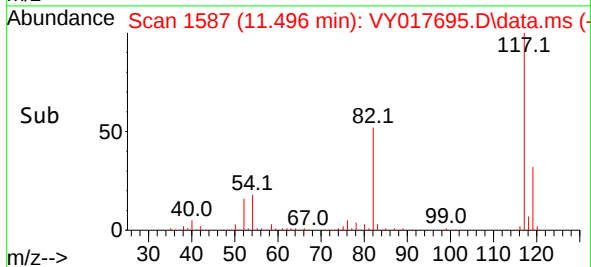
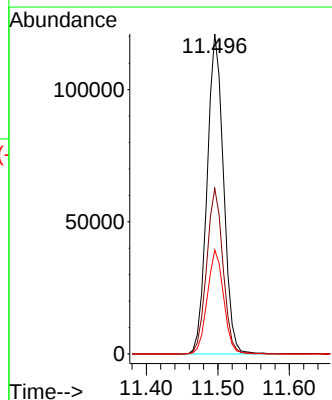
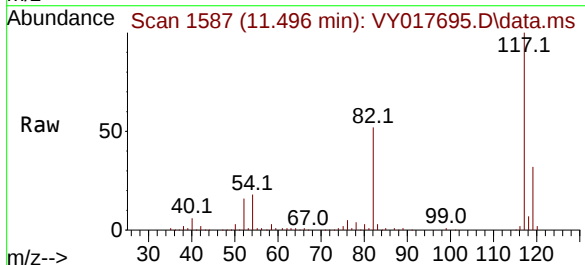
Instrument :
MSVOA_Y
ClientSampleId :
GRAB-5

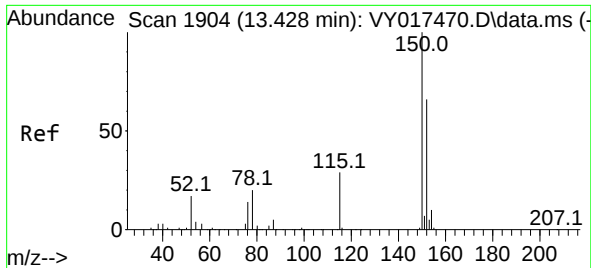
Tgt Ion: 95 Resp: 67152
Ion Ratio Lower Upper
95 100
174 92.6 0.0 175.6
176 90.0 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY017695.D
Acq: 18 Mar 2024 17:48

Tgt Ion: 117 Resp: 193037
Ion Ratio Lower Upper
117 100
82 51.7 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: VY017695.D

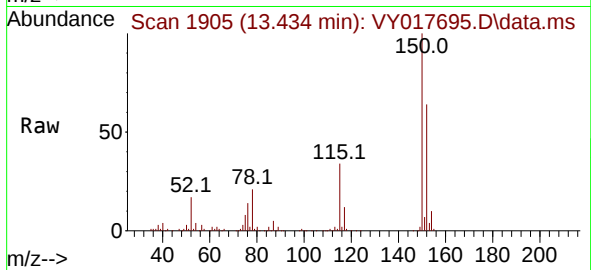
Acq: 18 Mar 2024 17:48

Instrument :

MSVOA_Y

ClientSampleId :

GRAB-5



Tgt Ion:152 Resp: 73595

Ion Ratio Lower Upper

152 100

115 54.2 28.2 84.7

150 155.0 0.0 345.6

