

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031524\
 Data File : VY017670.D
 Acq On : 15 Mar 2024 14:12
 Operator : SY/MD
 Sample : P1746-03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-4.0-6.0-DUP

Quant Time: Mar 16 00:16:23 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)

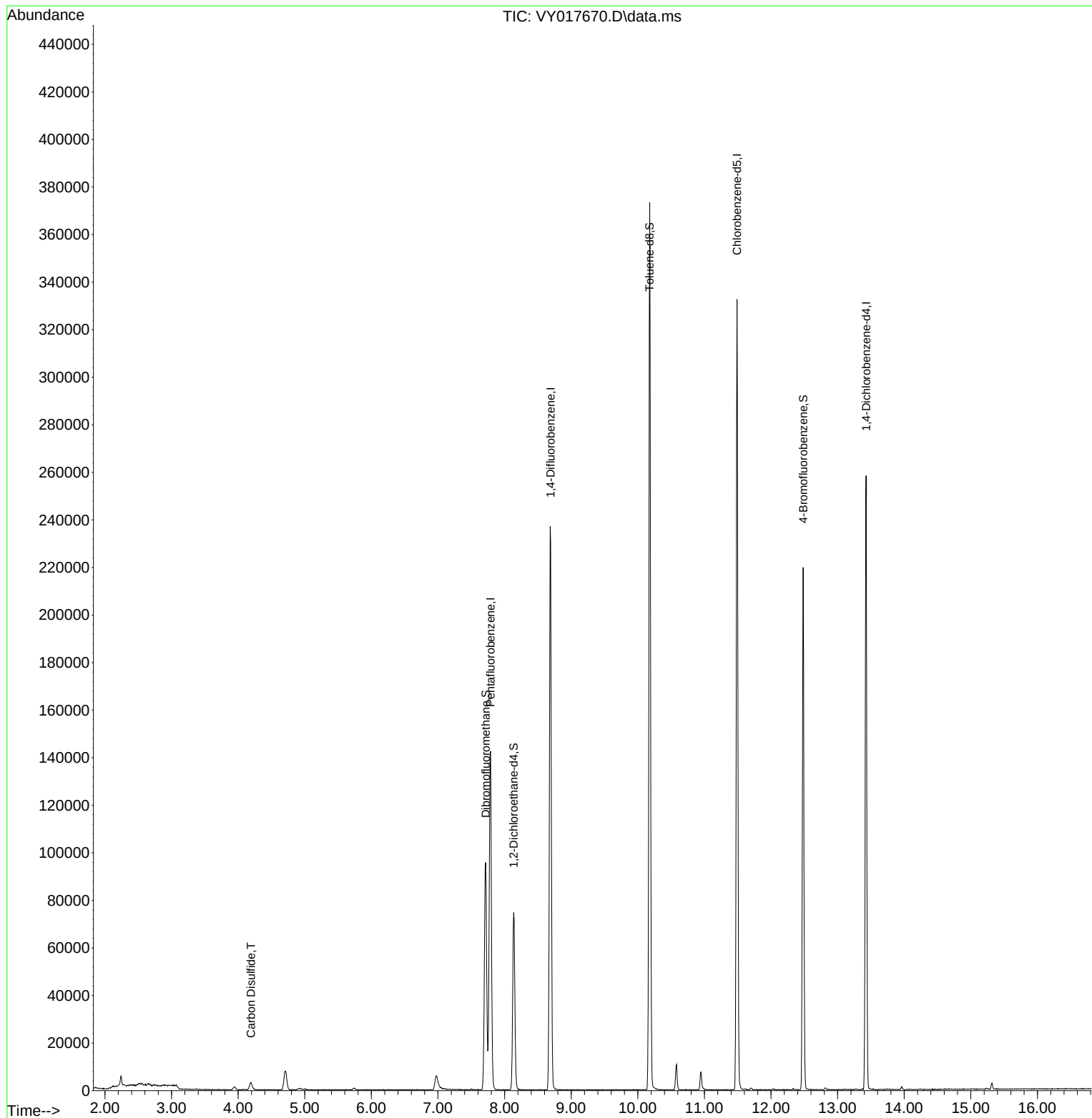
Internal Standards						
1) Pentafluorobenzene	7.789	168	119368	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	217629	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	192770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	71057	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	56833	50.237	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.480%
35) Dibromofluoromethane	7.716	113	70285	46.347	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.700%
50) Toluene-d8	10.179	98	250017	47.153	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.300%
62) 4-Bromofluorobenzene	12.483	95	65321	39.200	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.400%
Target Compounds						
17) Carbon Disulfide	4.192	76	5580	1.649	ug/l	Qvalue # 92

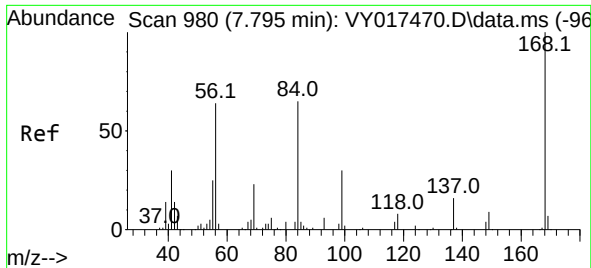
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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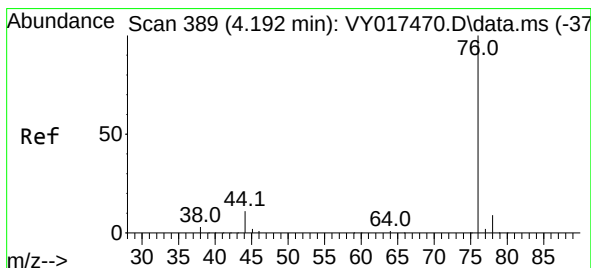
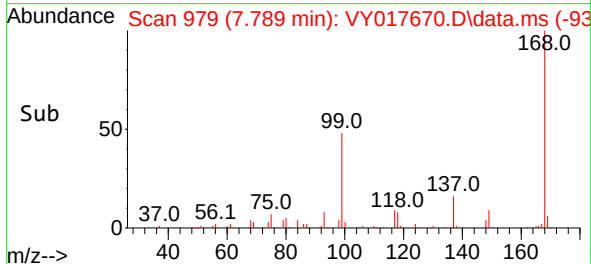
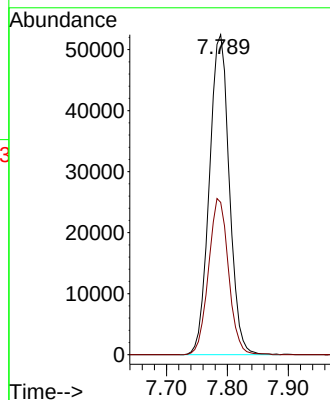
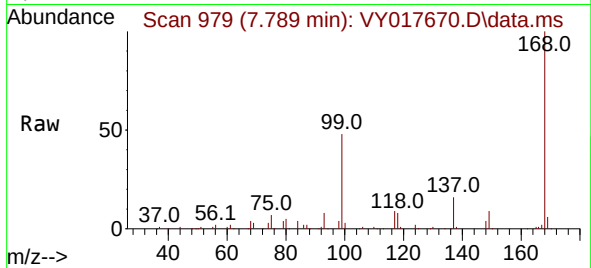




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017670.D
Acq: 15 Mar 2024 14:12

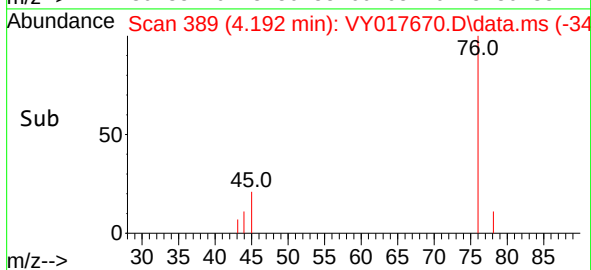
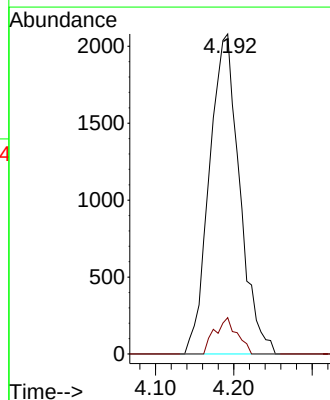
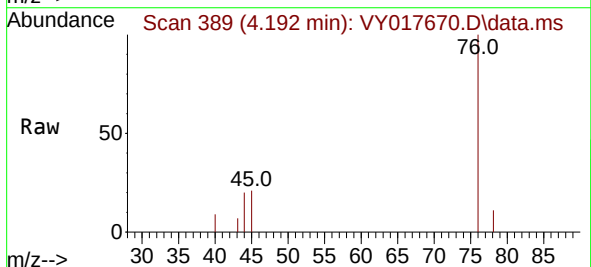
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-4.0-6.0-DUP

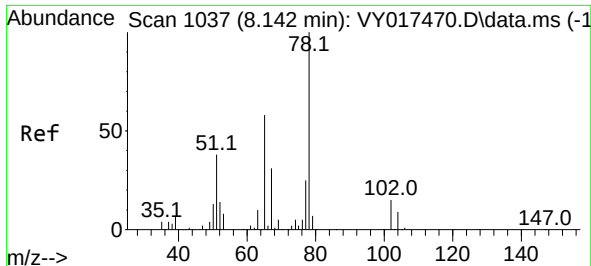
Tgt Ion:168 Resp: 119368
Ion Ratio Lower Upper
168 100
99 47.6 39.1 58.7



#17
Carbon Disulfide
Concen: 1.649 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY017670.D
Acq: 15 Mar 2024 14:12

Tgt Ion: 76 Resp: 5580
Ion Ratio Lower Upper
76 100
78 11.3 6.8 10.2#





#33

1,2-Dichloroethane-d4

Concen: 50.237 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VY017670.D

Acq: 15 Mar 2024 14:12

Instrument :

MSVOA_Y

ClientSampleId :

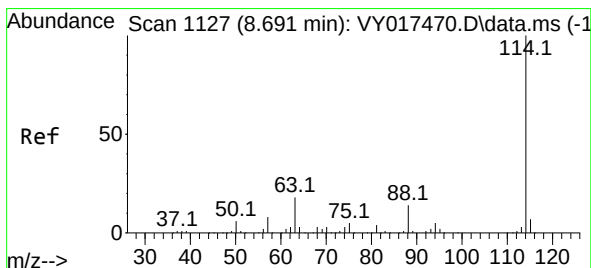
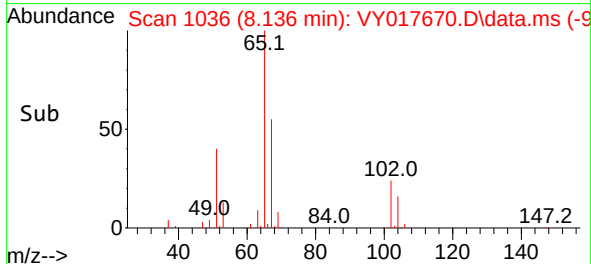
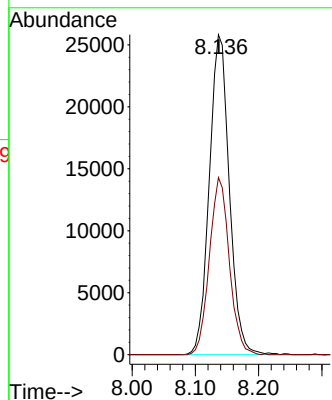
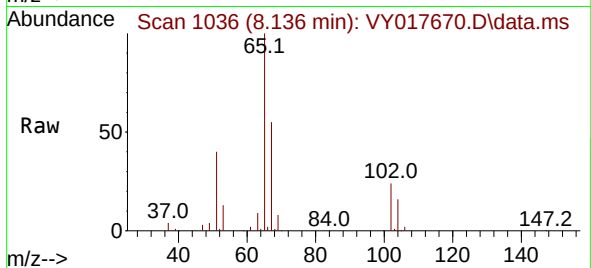
SB-01-4.0-6.0-DUP

Tgt Ion: 65 Resp: 56833

Ion Ratio Lower Upper

65 100

67 55.1 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: VY017670.D

Acq: 15 Mar 2024 14:12

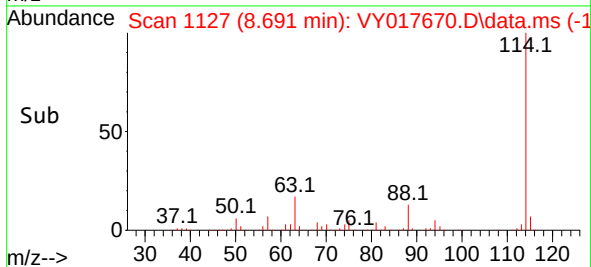
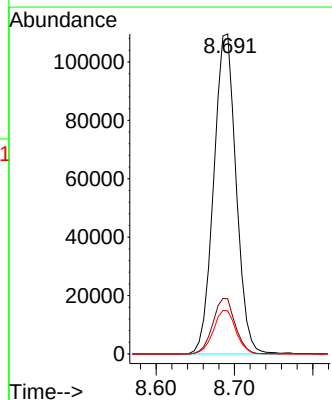
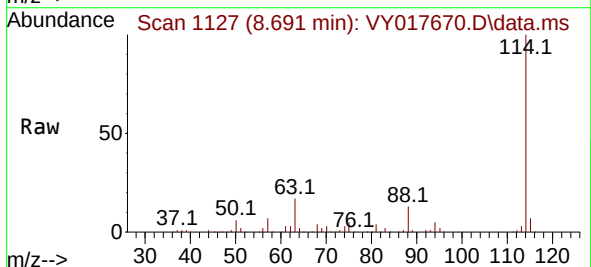
Tgt Ion: 114 Resp: 217629

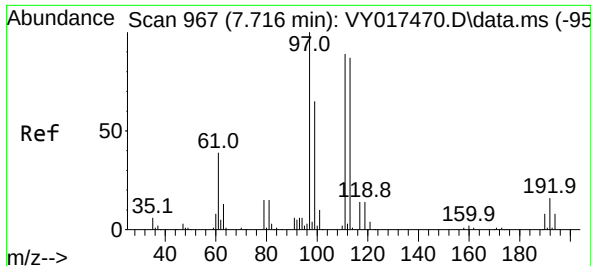
Ion Ratio Lower Upper

114 100

63 17.3 0.0 35.0

88 13.5 0.0 27.2

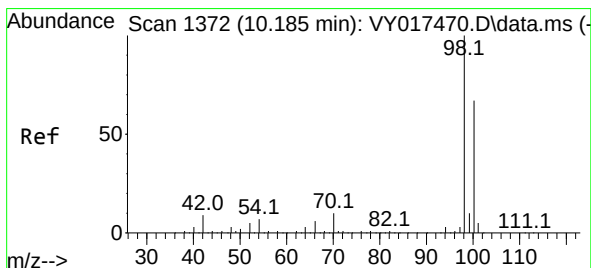
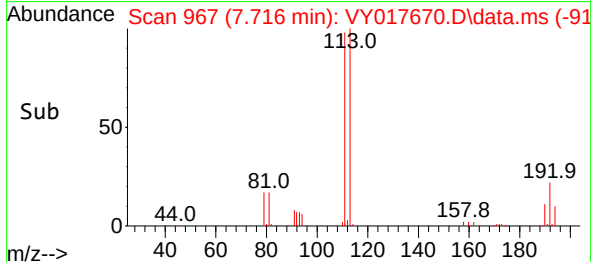
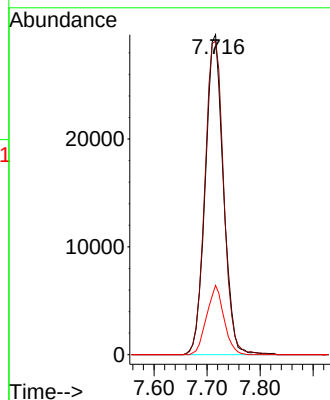
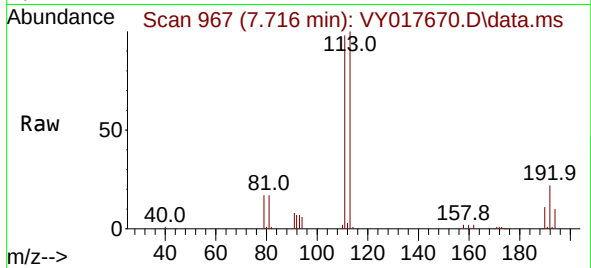




#35
Dibromofluoromethane
Concen: 46.347 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY017670.D
Acq: 15 Mar 2024 14:12

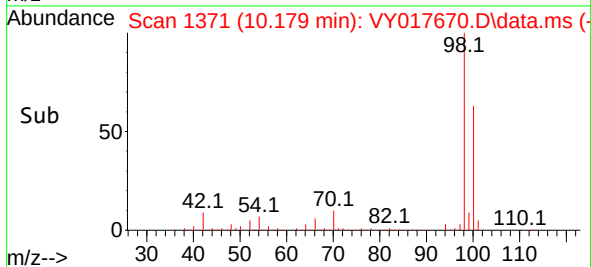
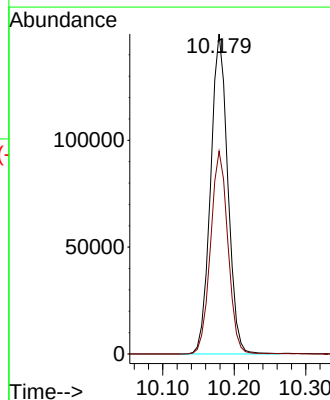
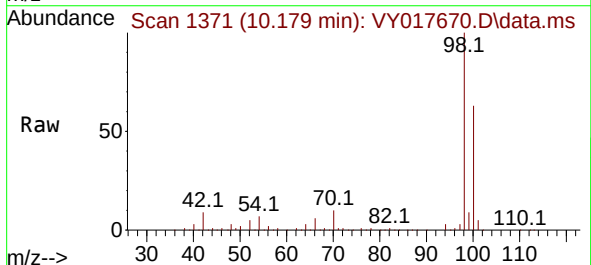
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-4.0-6.0-DUP

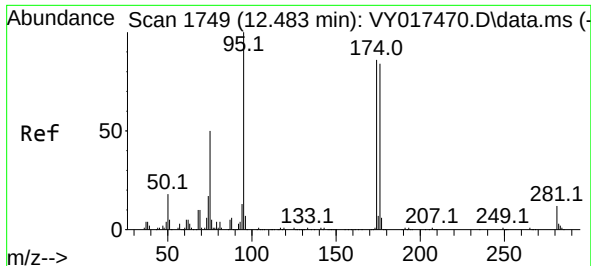
Tgt Ion:113 Resp: 70285
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.4
192 20.7 15.9 23.9



#50
Toluene-d8
Concen: 47.153 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY017670.D
Acq: 15 Mar 2024 14:12

Tgt Ion: 98 Resp: 250017
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0

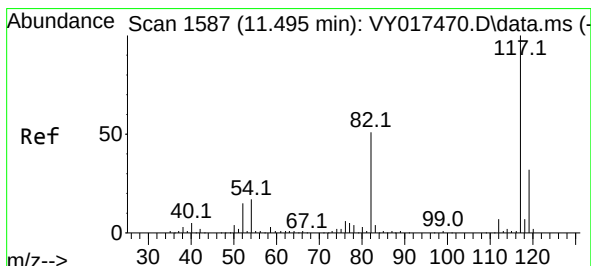
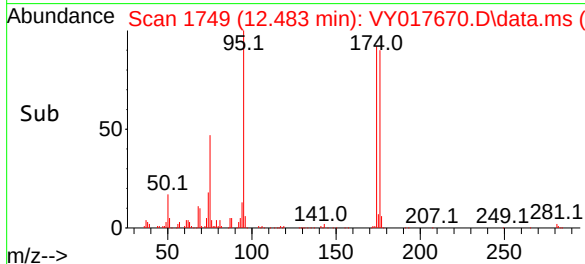
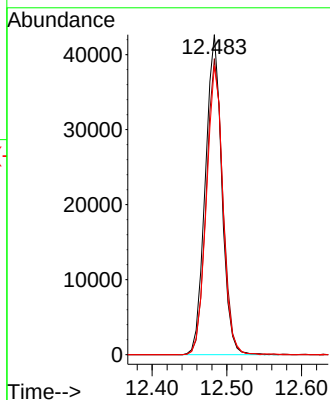
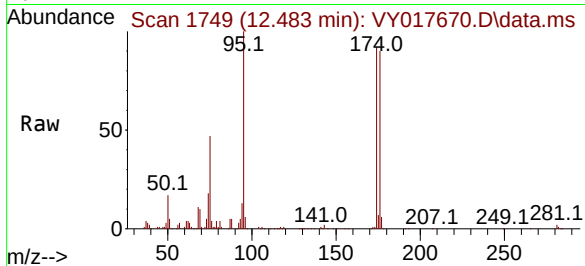




#62
4-Bromofluorobenzene
Concen: 39.200 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017670.D
Acq: 15 Mar 2024 14:12

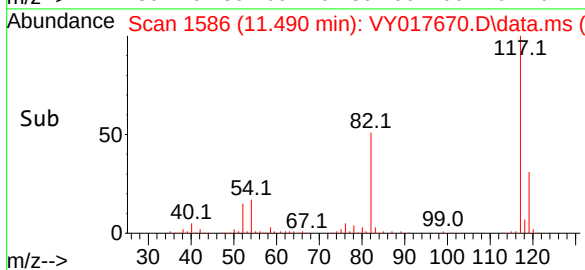
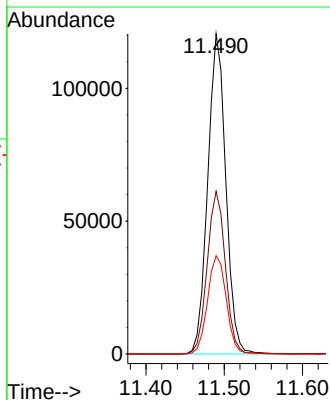
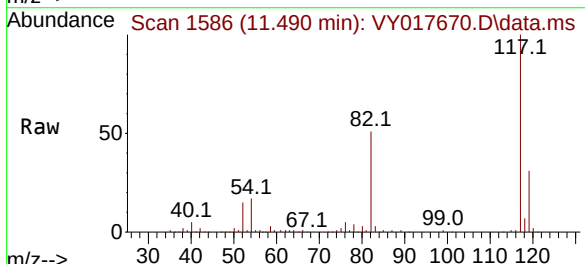
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-4.0-6.0-DUP

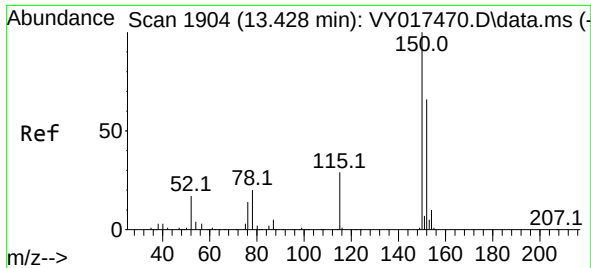
Tgt Ion: 95 Resp: 65321
Ion Ratio Lower Upper
95 100
174 93.1 0.0 175.6
176 90.2 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY017670.D
Acq: 15 Mar 2024 14:12

Tgt Ion: 117 Resp: 192770
Ion Ratio Lower Upper
117 100
82 50.8 42.4 63.6
119 30.7 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY017670.D

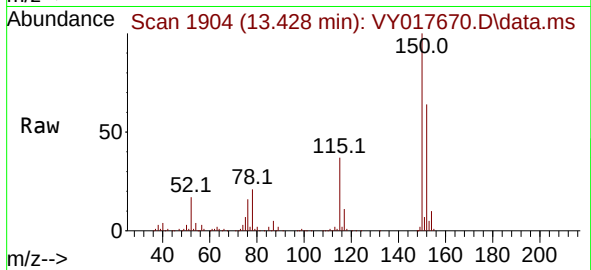
Acq: 15 Mar 2024 14:12

Instrument :

MSVOA_Y

ClientSampleId :

SB-01-4.0-6.0-DUP



Tgt Ion:152 Resp: 71057

Ion Ratio Lower Upper

152 100

115 54.8 28.2 84.7

150 156.5 0.0 345.6

