

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041724\
 Data File : VY017959.D
 Acq On : 17 Apr 2024 13:45
 Operator : SY/MD
 Sample : P2125-01
 Misc : 4.90g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-101-SB01

Quant Time: Apr 18 02:51:18 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)

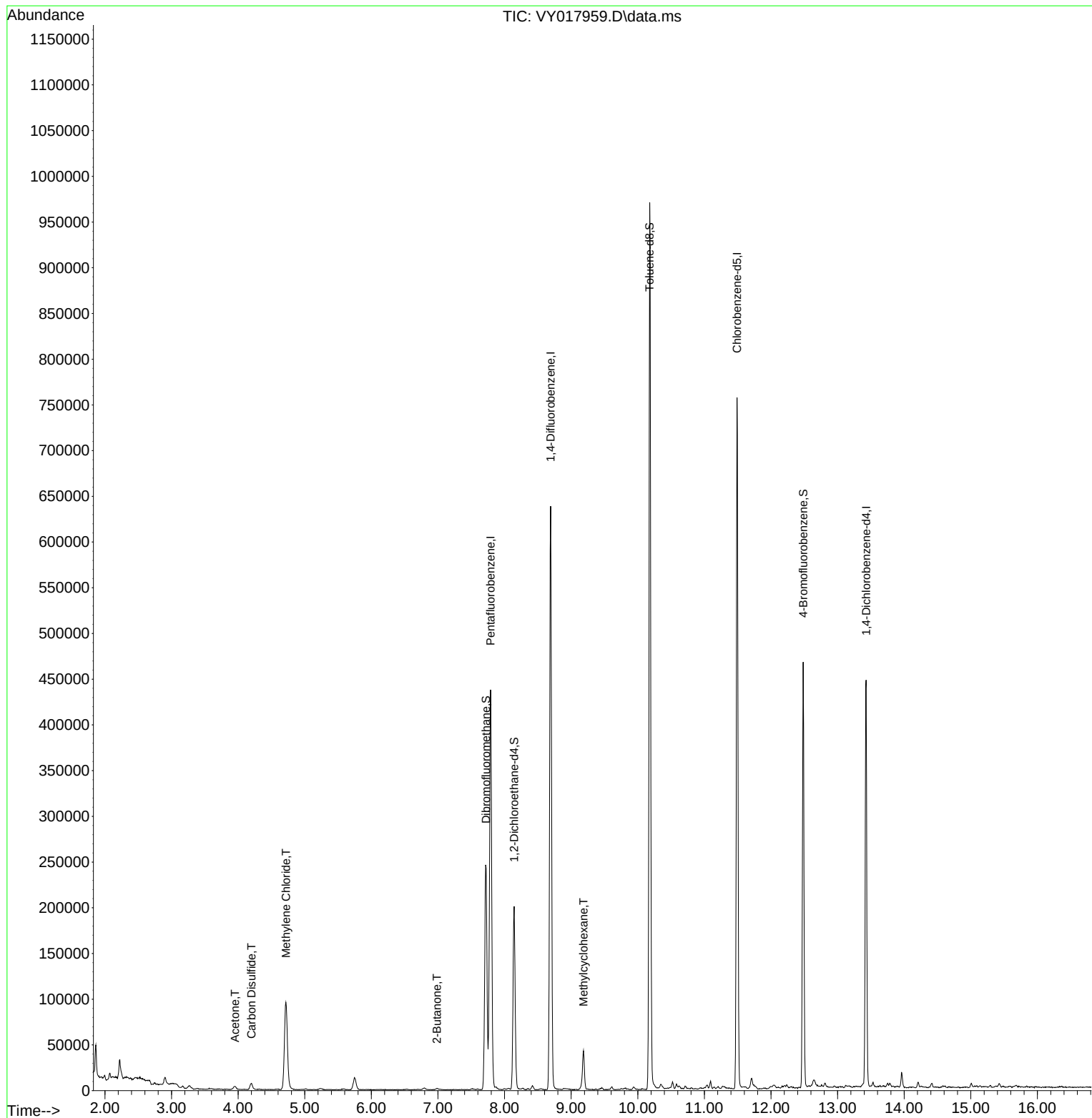
Internal Standards						
1) Pentafluorobenzene	7.789	168	345631	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	575269	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	437863	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	124338	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	146803	49.082	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.160%
35) Dibromofluoromethane	7.722	113	181046	51.012	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.020%
50) Toluene-d8	10.179	98	649638	48.240	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.480%
62) 4-Bromofluorobenzene	12.483	95	139769	33.512	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	67.020%
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	5010	8.477	ug/l #	82
17) Carbon Disulfide	4.198	76	14068	1.267	ug/l	99
20) Methylene Chloride	4.716	84	77997	19.481	ug/l	97
25) 2-Butanone	6.984	43	1805	2.078	ug/l	92
39) Methylcyclohexane	9.185	83	16548	2.460	ug/l	92

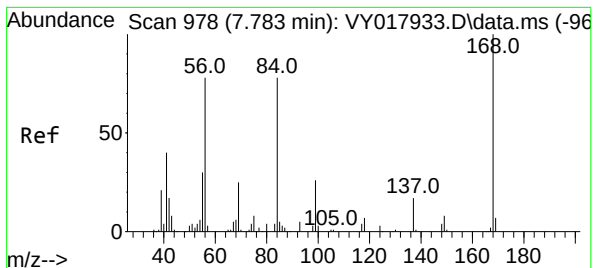
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 17 06:24:42 2024
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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: VY017959.D

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MSVOA_Y

ClientSampleId :

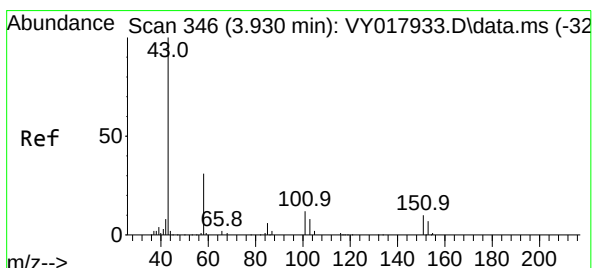
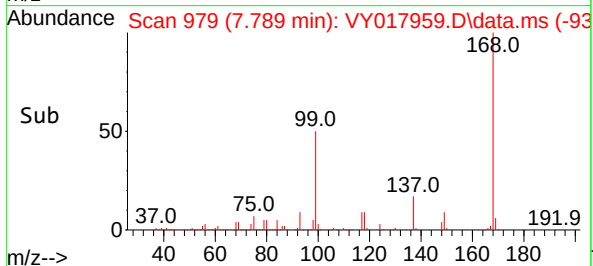
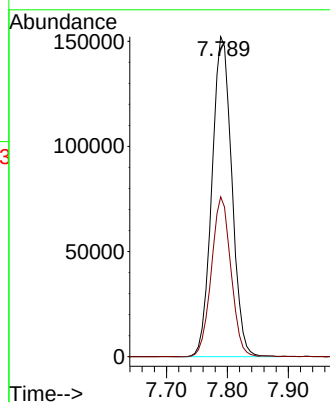
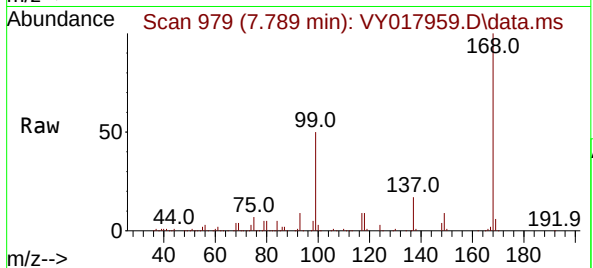
B-101-SB01

Tgt Ion:168 Resp: 345631

Ion Ratio Lower Upper

168 100

99 50.0 39.1 58.7



#16

Acetone

Concen: 8.477 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.006 min

Lab File: VY017959.D

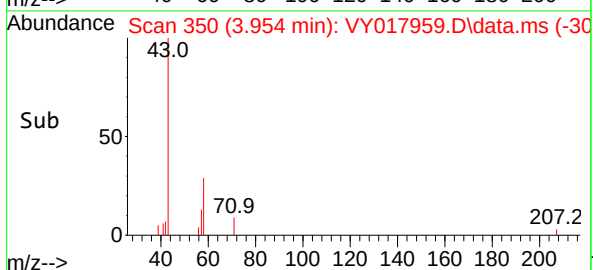
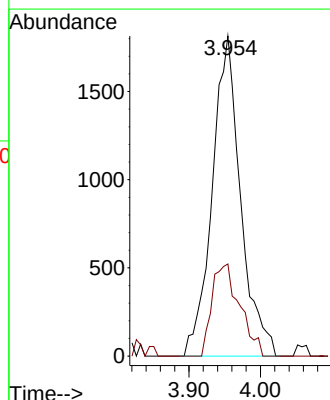
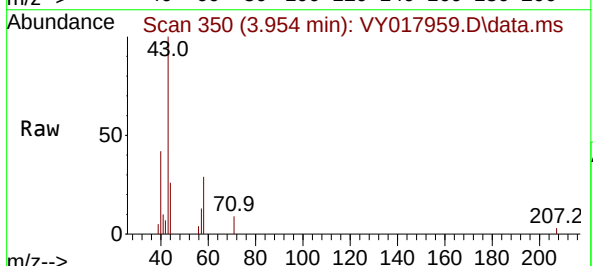
Acq: 17 Apr 2024 13:45

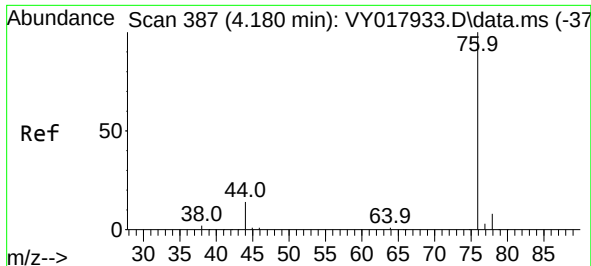
Tgt Ion: 43 Resp: 5010

Ion Ratio Lower Upper

43 100

58 28.8 31.7 47.5#





#17

Carbon Disulfide

Concen: 1.267 ug/l

RT: 4.198 min Scan# 390

Delta R.T. 0.006 min

Lab File: VY017959.D

Acq: 17 Apr 2024 13:45

Instrument :

MSVOA_Y

ClientSampleId :

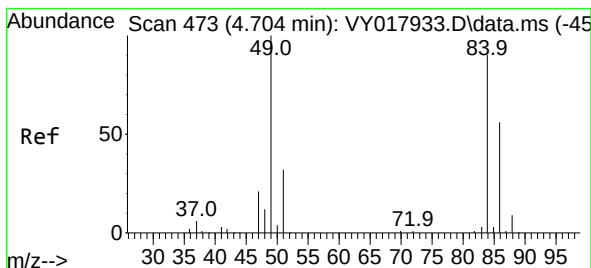
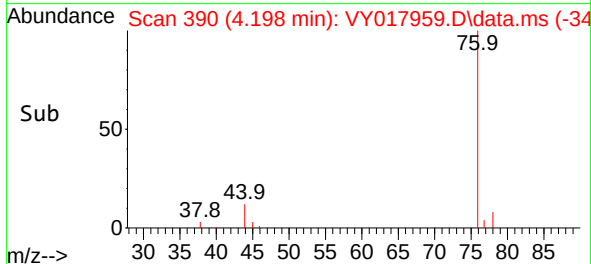
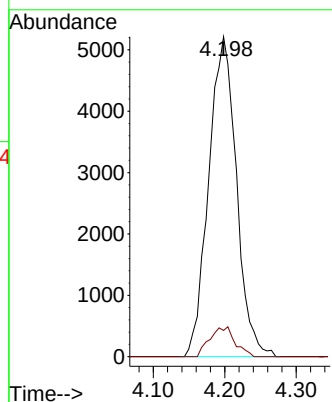
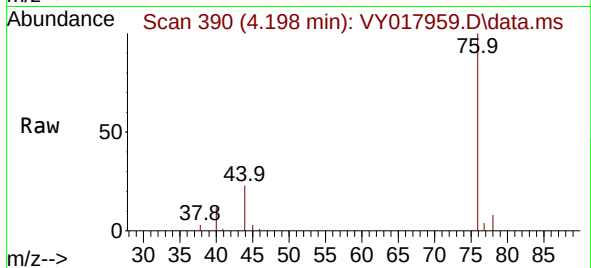
B-101-SB01

Tgt Ion: 76 Resp: 14068

Ion Ratio Lower Upper

76 100

78 8.2 6.8 10.2



#20

Methylene Chloride

Concen: 19.481 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY017959.D

Acq: 17 Apr 2024 13:45

Tgt Ion: 84 Resp: 77997

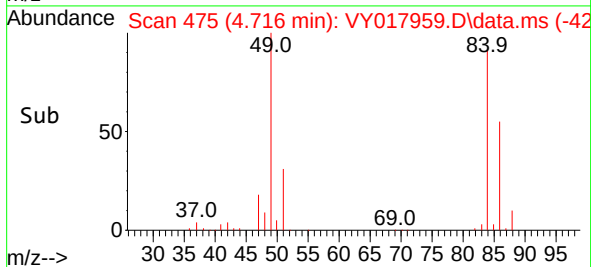
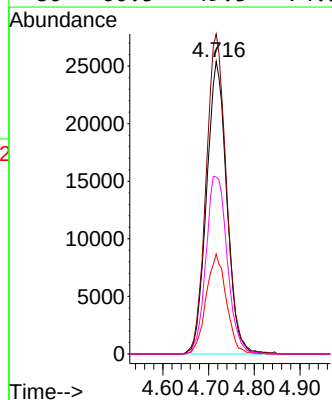
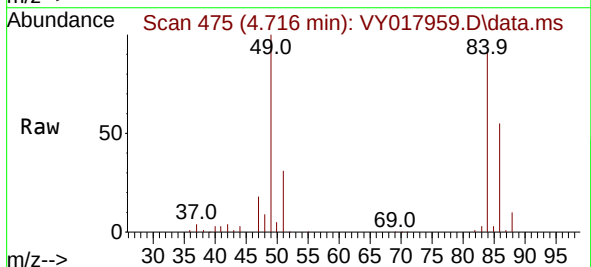
Ion Ratio Lower Upper

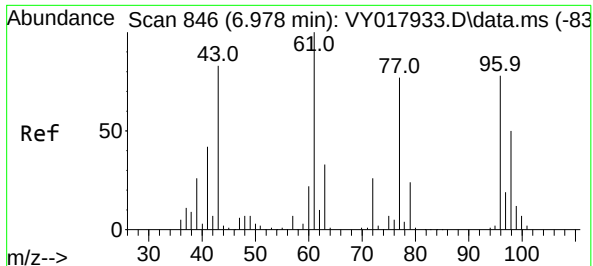
84 100

49 109.4 84.4 126.6

51 34.2 26.0 39.0

86 60.5 49.5 74.3

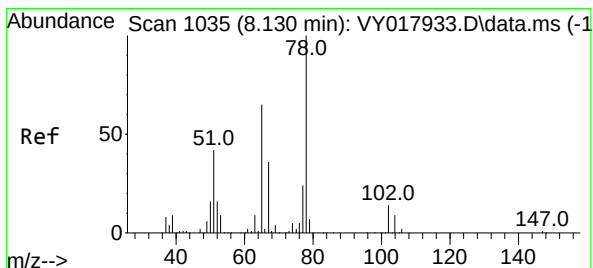
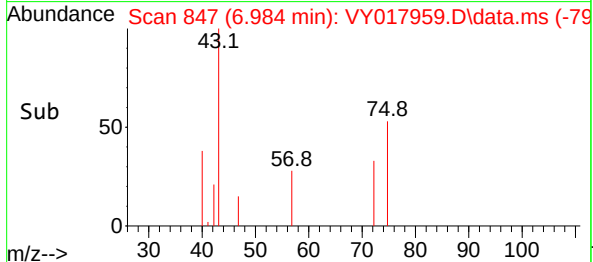
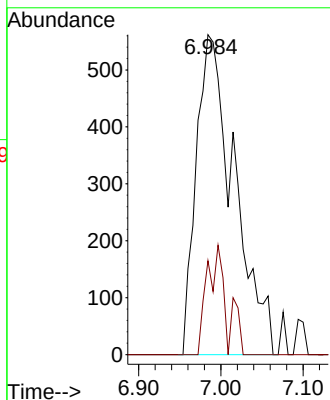
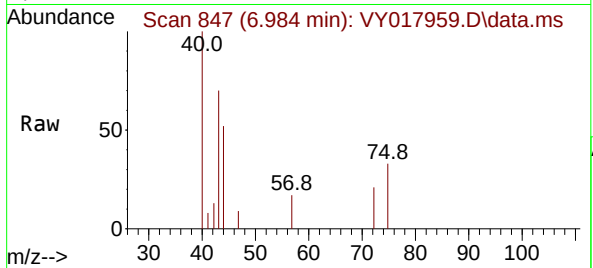




#25
2-Butanone
Concen: 2.078 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY017959.D
Acq: 17 Apr 2024 13:45

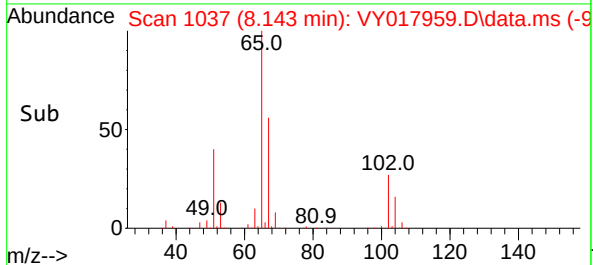
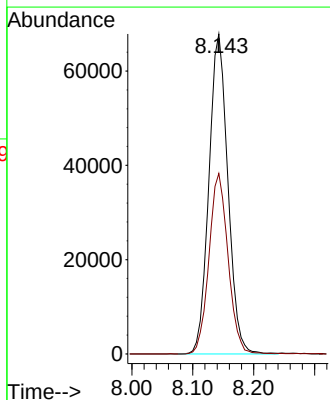
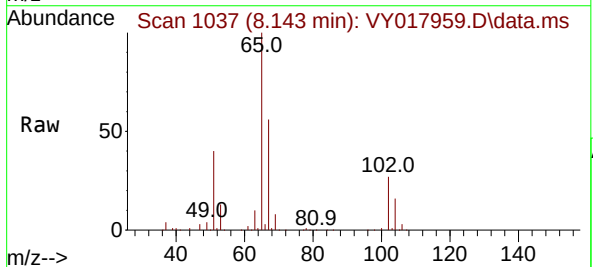
Instrument :
MSVOA_Y
ClientSampleId :
B-101-SB01

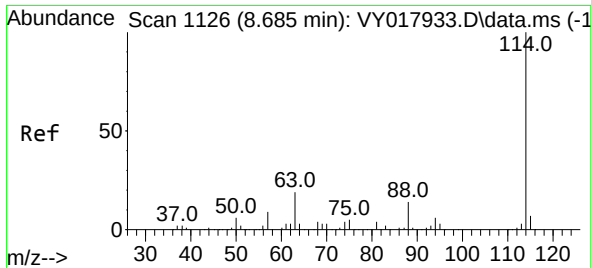
Tgt Ion: 43 Resp: 1805
Ion Ratio Lower Upper
43 100
72 29.4 27.3 40.9



#33
1,2-Dichloroethane-d4
Concen: 49.082 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017959.D
Acq: 17 Apr 2024 13:45

Tgt Ion: 65 Resp: 146803
Ion Ratio Lower Upper
65 100
67 56.7 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: VY017959.D

Acq: 17 Apr 2024 13:45

Instrument :

MSVOA_Y

ClientSampleId :

B-101-SB01

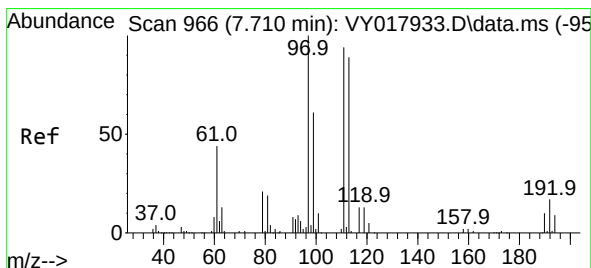
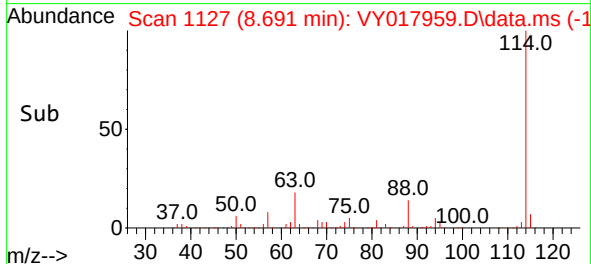
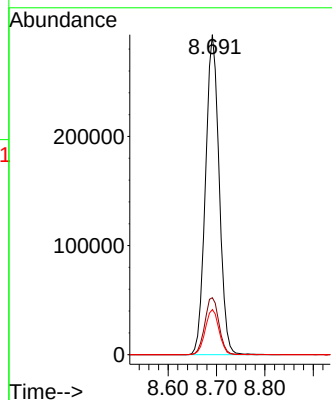
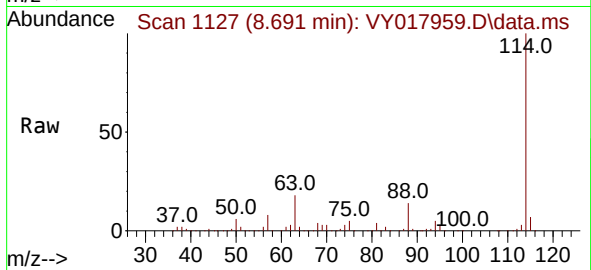
Tgt Ion:114 Resp: 575269

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.0

88 14.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.012 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY017959.D

Acq: 17 Apr 2024 13:45

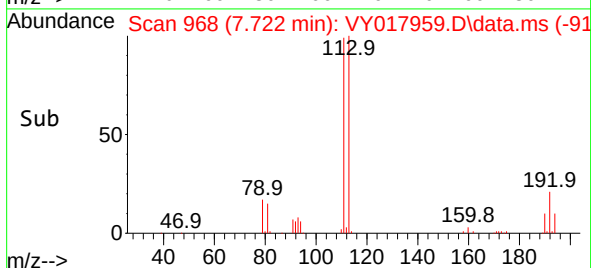
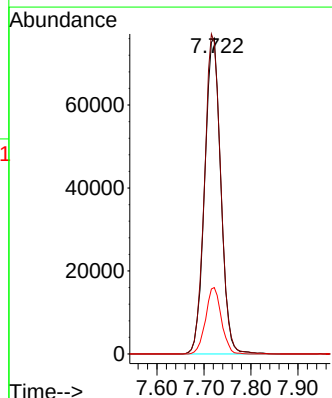
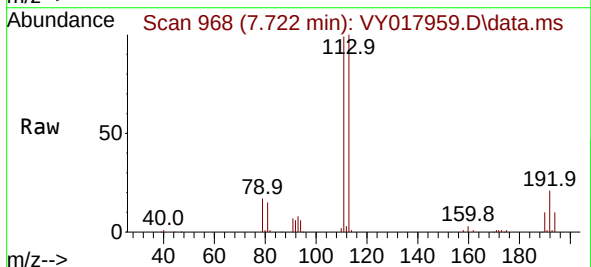
Tgt Ion:113 Resp: 181046

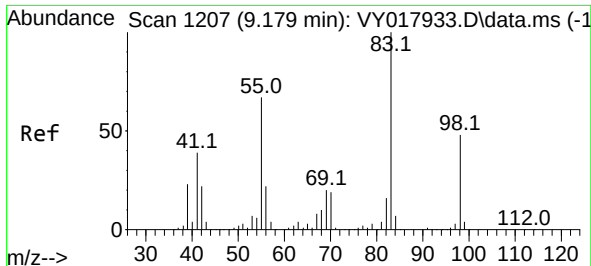
Ion Ratio Lower Upper

113 100

111 101.6 82.2 123.4

192 20.5 15.9 23.9





#39

Methylcyclohexane

Concen: 2.460 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017959.D

Acq: 17 Apr 2024 13:45

Instrument :

MSVOA_Y

ClientSampleId :

B-101-SB01

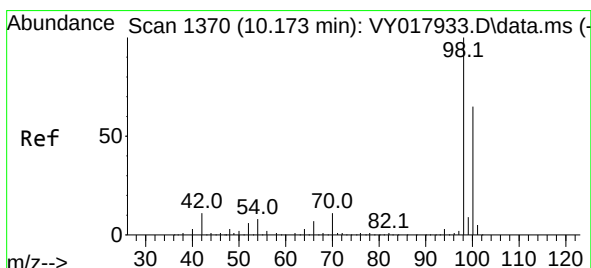
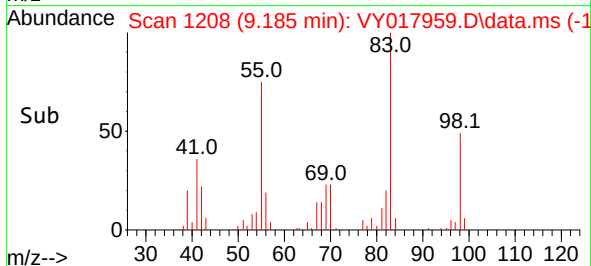
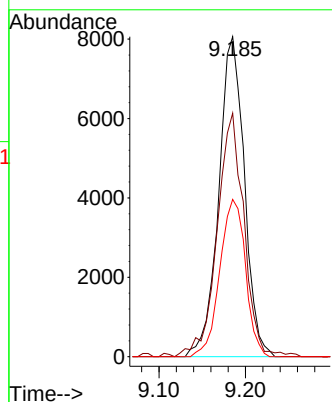
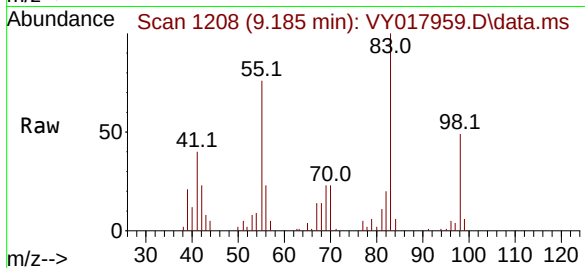
Tgt Ion: 83 Resp: 16548

Ion Ratio Lower Upper

83 100

55 75.0 51.5 77.3

98 49.2 40.5 60.7



#50

Toluene-d8

Concen: 48.240 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY017959.D

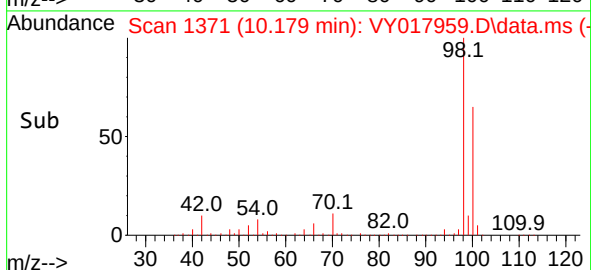
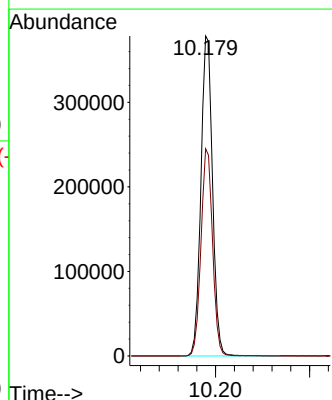
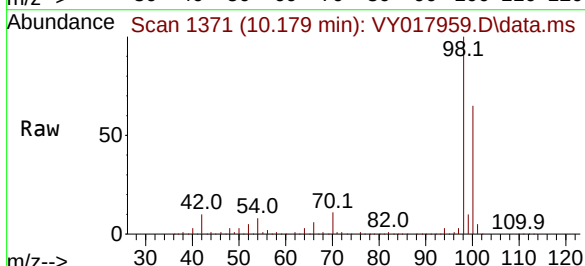
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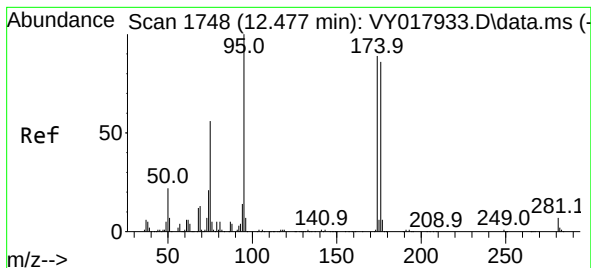
Tgt Ion: 98 Resp: 649638

Ion Ratio Lower Upper

98 100

100 64.5 52.0 78.0

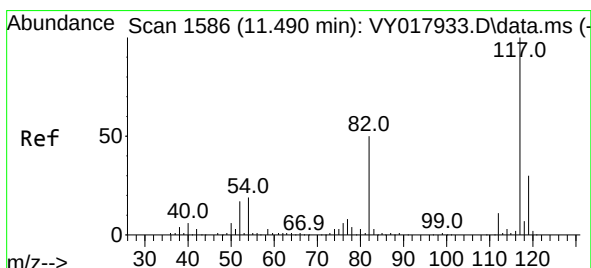
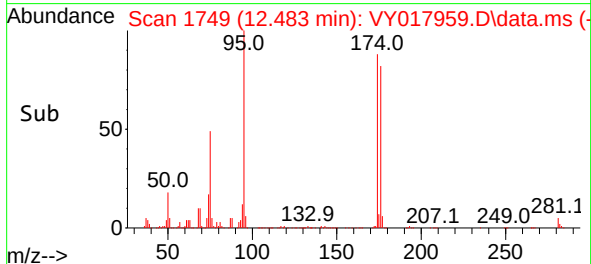
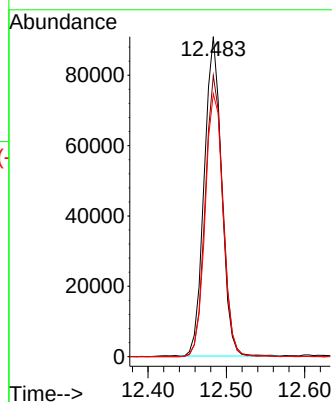
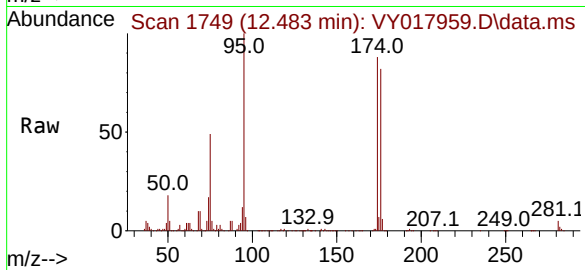




#62
4-Bromofluorobenzene
Concen: 33.512 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017959.D
Acq: 17 Apr 2024 13:45

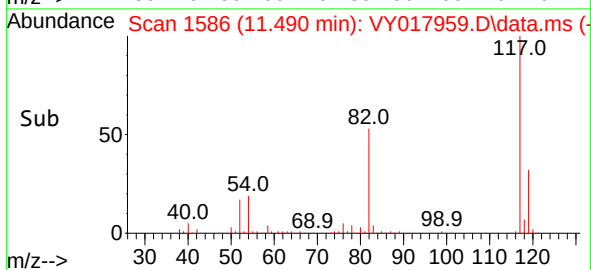
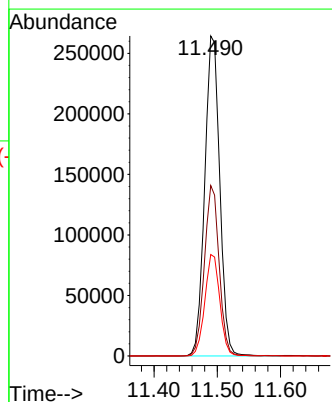
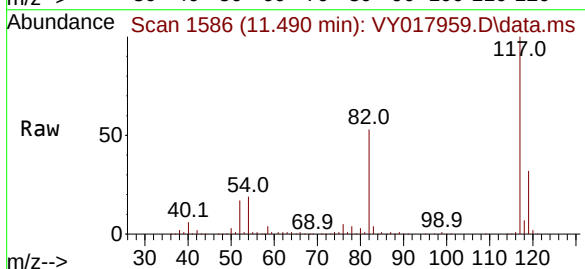
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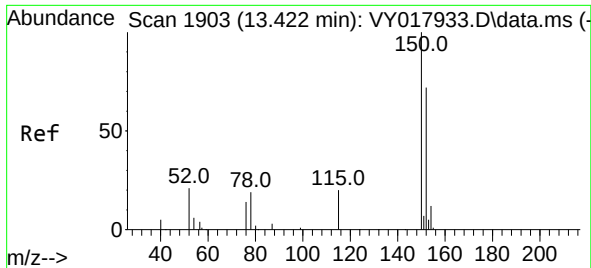
Tgt Ion: 95 Resp: 139769
Ion Ratio Lower Upper
95 100
174 89.4 0.0 175.6
176 85.4 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY017959.D
Acq: 17 Apr 2024 13:45

Tgt Ion: 117 Resp: 437863
Ion Ratio Lower Upper
117 100
82 53.2 42.4 63.6
119 31.7 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: VY017959.D

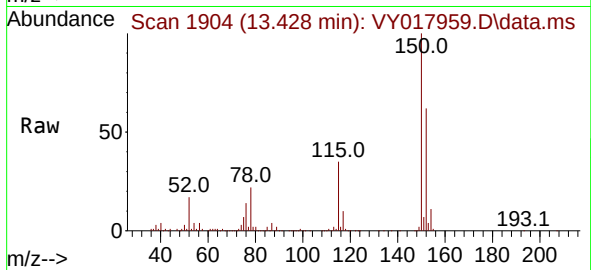
Acq: 17 Apr 2024 13:45

Instrument :

MSVOA_Y

ClientSampleId :

B-101-SB01



Tgt Ion:152 Resp: 124338

Ion Ratio Lower Upper

152 100

115 56.2 28.2 84.7

150 157.7 0.0 345.6

