

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071824\
 Data File : VY018869.D
 Acq On : 18 Jul 2024 16:57
 Operator : SY/MD
 Sample : P3246-09
 Misc : 6.64g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-CTW2-BL-02-G

Quant Time: Jul 19 01:42:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

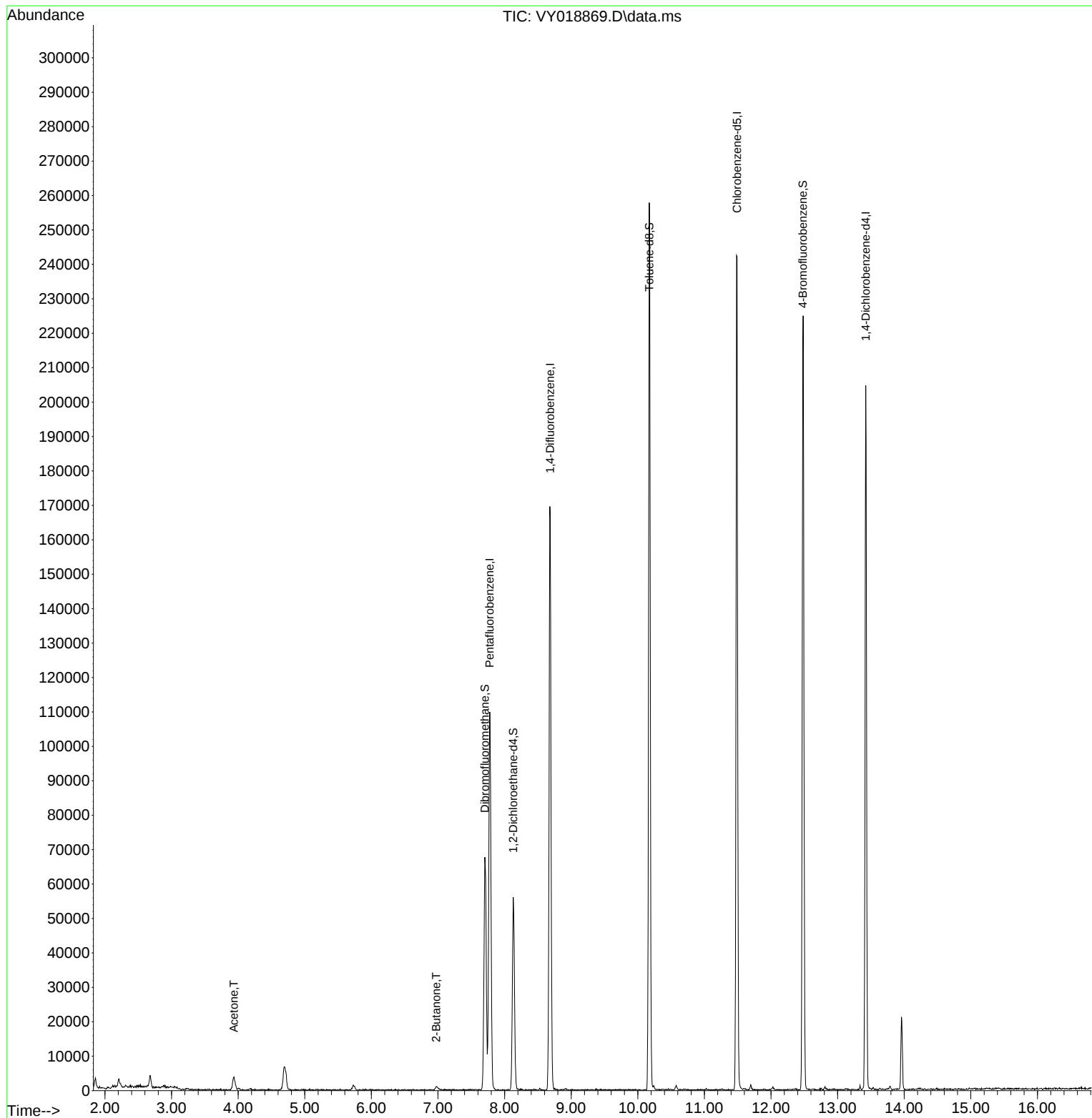
Internal Standards						
1) Pentafluorobenzene	7.777	168	86683	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	148278	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	136137	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	52463	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	41513	48.668	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.340%
35) Dibromofluoromethane	7.704	113	46519	50.091	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.180%
50) Toluene-d8	10.173	98	167334	47.559	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.120%
62) 4-Bromofluorobenzene	12.477	95	53087	44.182	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.360%
Target Compounds						
16) Acetone	3.936	43	6727	42.777	ug/l	95
25) 2-Butanone	6.972	43	1591	7.218	ug/l	90

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

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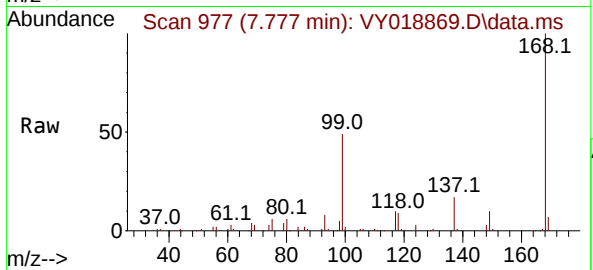
Quant Time: Jul 19 01:42:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
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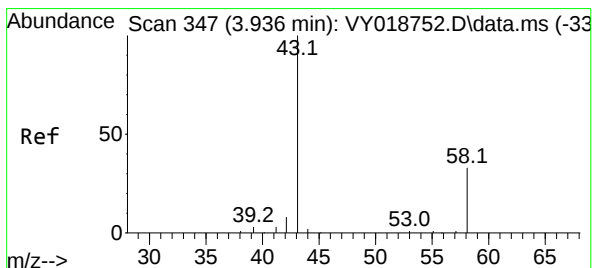
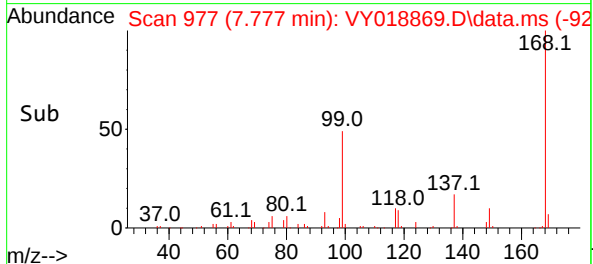
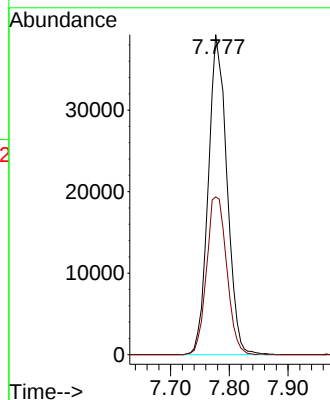


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018869.D
Acq: 18 Jul 2024 16:57

Instrument :
MSVOA_Y
ClientSampleId :
WC-CTW2-BL-02-G

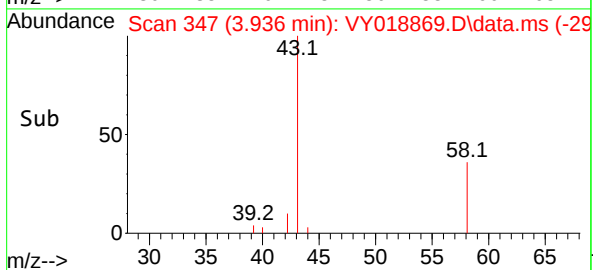
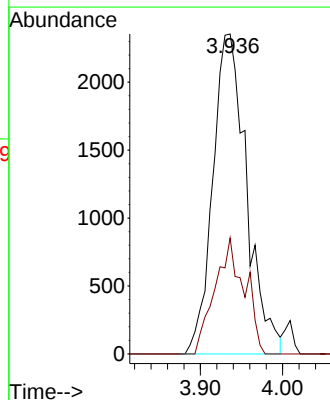
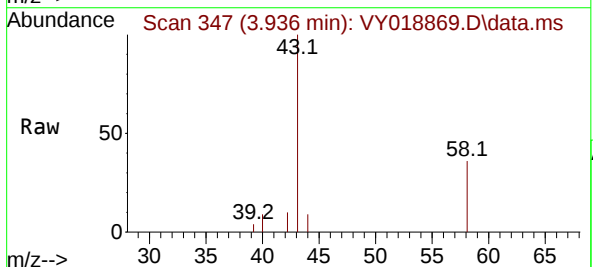


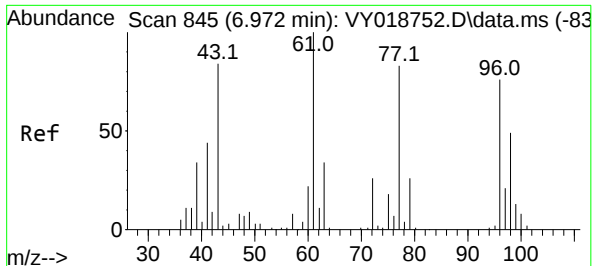
Tgt Ion:168 Resp: 86683
Ion Ratio Lower Upper
168 100
99 49.3 39.1 58.7



#16
Acetone
Concen: 42.777 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY018869.D
Acq: 18 Jul 2024 16:57

Tgt Ion: 43 Resp: 6727
Ion Ratio Lower Upper
43 100
58 36.3 31.7 47.5





#25

2-Butanone

Concen: 7.218 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY018869.D

Acq: 18 Jul 2024 16:57

Instrument :

MSVOA_Y

ClientSampleId :

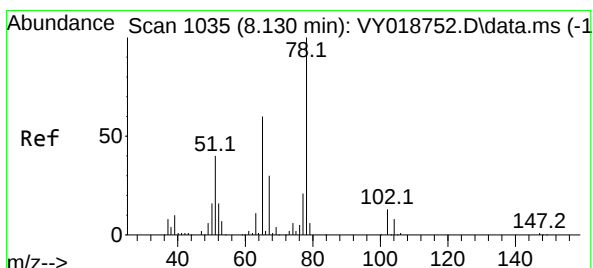
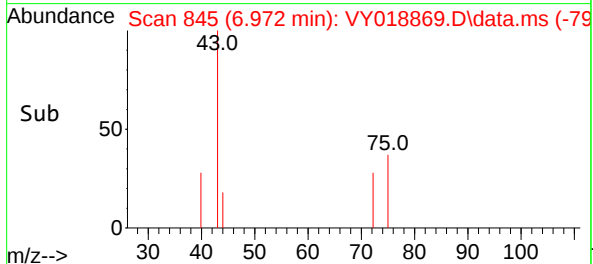
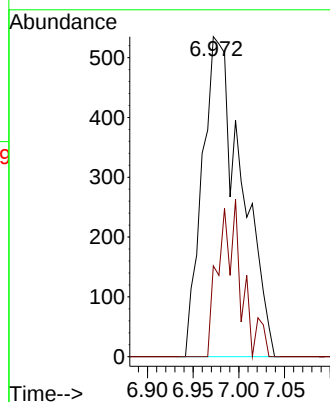
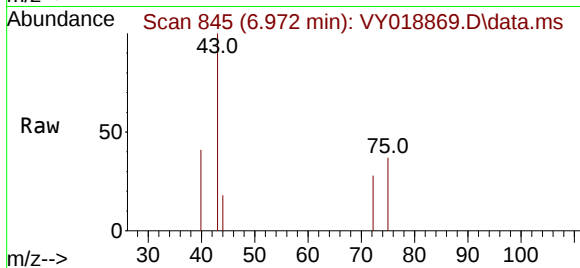
WC-CTW2-BL-02-G

Tgt Ion: 43 Resp: 1591

Ion Ratio Lower Upper

43 100

72 28.4 27.3 40.9



#33

1,2-Dichloroethane-d4

Concen: 48.668 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VY018869.D

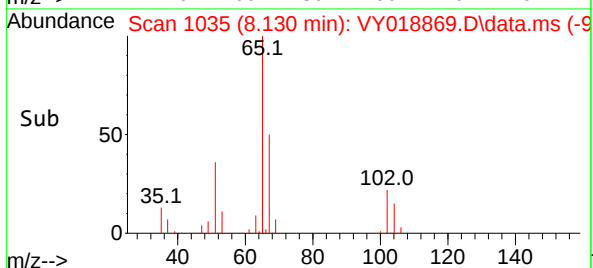
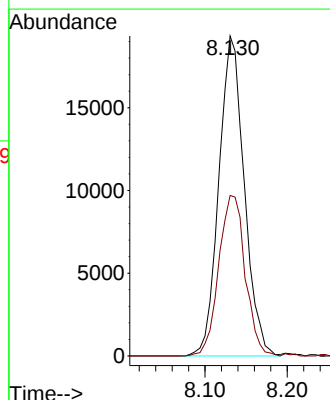
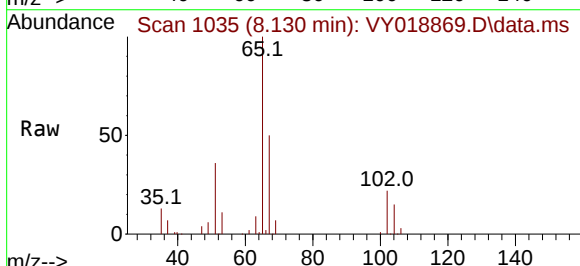
Acq: 18 Jul 2024 16:57

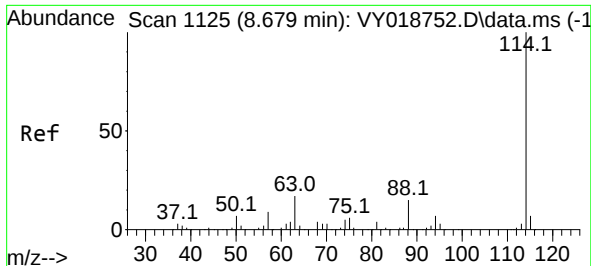
Tgt Ion: 65 Resp: 41513

Ion Ratio Lower Upper

65 100

67 52.2 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY018869.D

Acq: 18 Jul 2024 16:57

Instrument :

MSVOA_Y

ClientSampleId :

WC-CTW2-BL-02-G

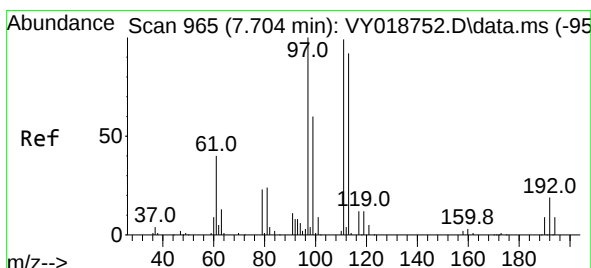
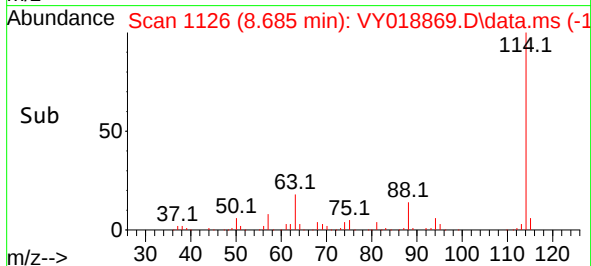
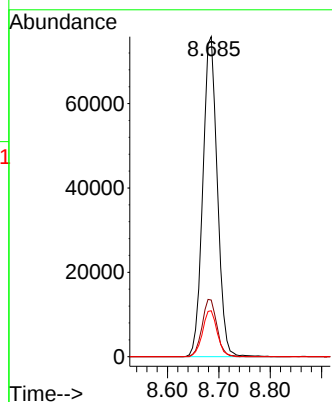
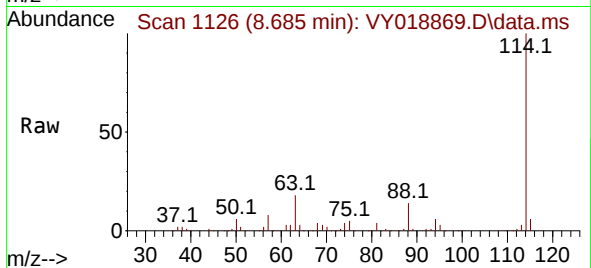
Tgt Ion:114 Resp: 148278

Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.0

88 14.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.091 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY018869.D

Acq: 18 Jul 2024 16:57

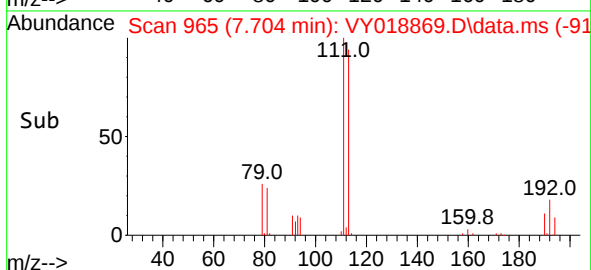
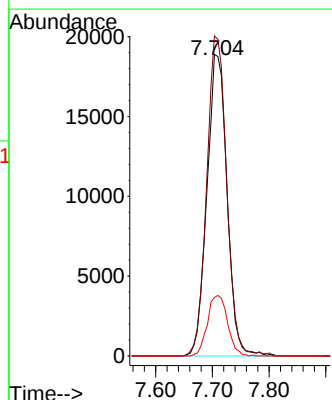
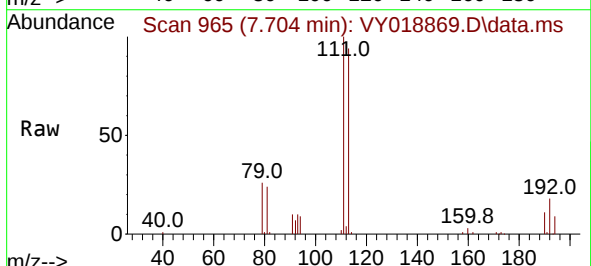
Tgt Ion:113 Resp: 46519

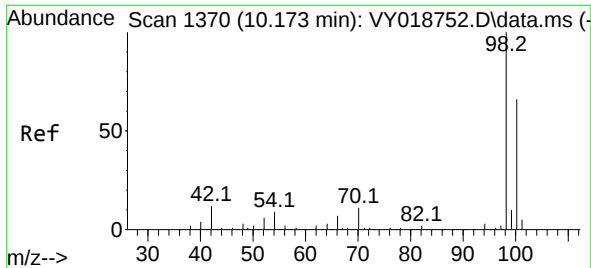
Ion Ratio Lower Upper

113 100

111 105.4 82.2 123.4

192 20.1 15.9 23.9

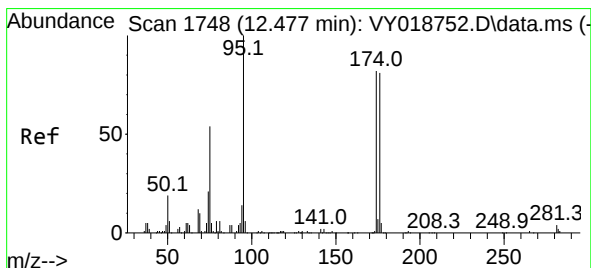
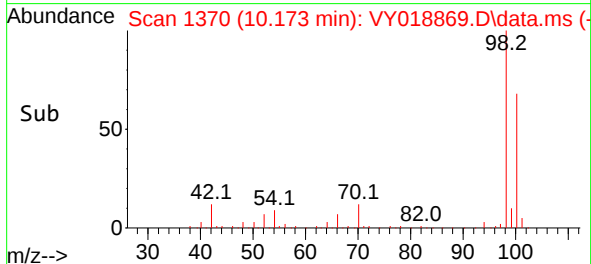
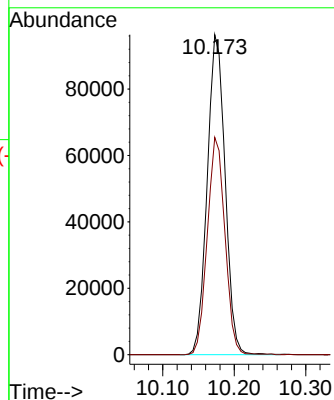
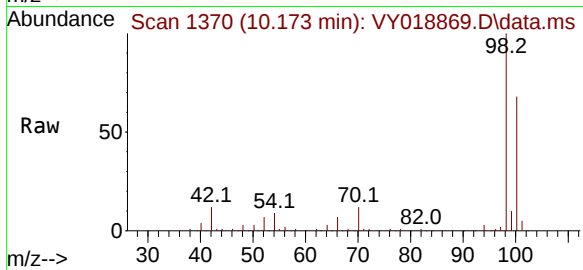




#50
Toluene-d8
Concen: 47.559 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018869.D
Acq: 18 Jul 2024 16:57

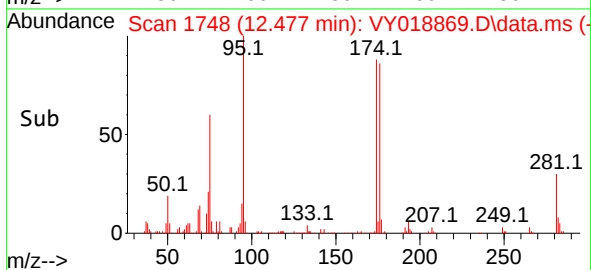
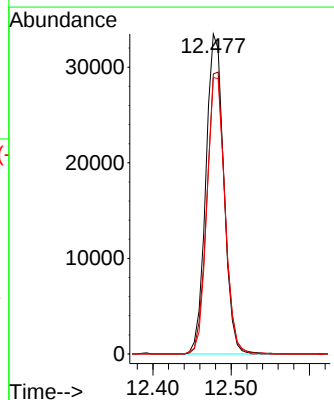
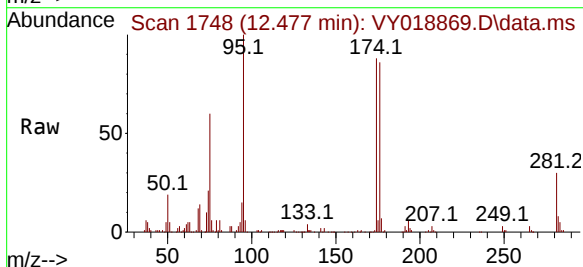
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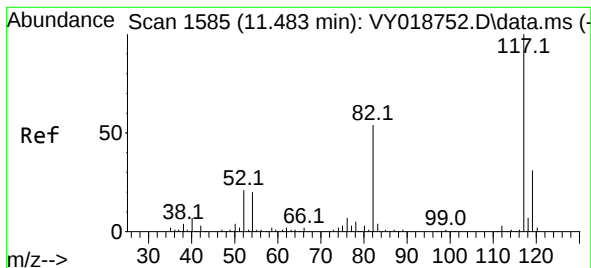
Tgt Ion: 98 Resp: 167334
Ion Ratio Lower Upper
98 100
100 67.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.182 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018869.D
Acq: 18 Jul 2024 16:57

Tgt Ion: 95 Resp: 53087
Ion Ratio Lower Upper
95 100
174 88.7 0.0 175.6
176 86.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 117

Delta R.T. 0.006 min

Lab File: VY018869.D

Acq: 18 Jul 2024 16:57

Instrument :

MSVOA_Y

ClientSampleId :

WC-CTW2-BL-02-G

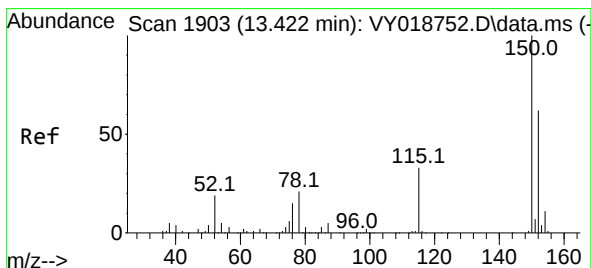
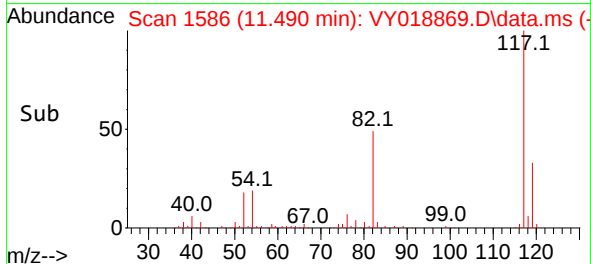
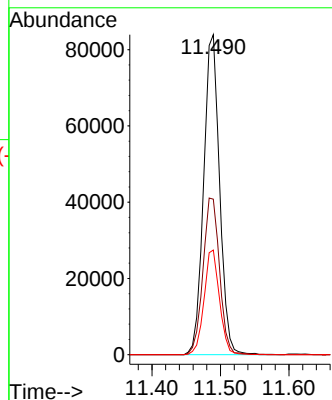
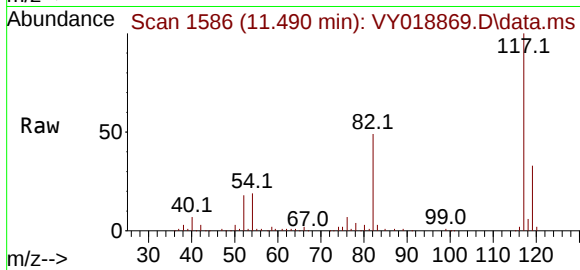
Tgt Ion:117 Resp: 136137

Ion Ratio Lower Upper

117 100

82 48.6 42.4 63.6

119 32.7 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY018869.D

Acq: 18 Jul 2024 16:57

Tgt Ion:152 Resp: 52463

Ion Ratio Lower Upper

152 100

115 58.2 28.2 84.7

150 158.0 0.0 345.6

