

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122623\
 Data File : VY016861.D
 Acq On : 26 Dec 2023 18:26
 Operator : SY/MD
 Sample : 05994-06
 Misc : 7.03g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-B-GRAB

Quant Time: Dec 27 01:37:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

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

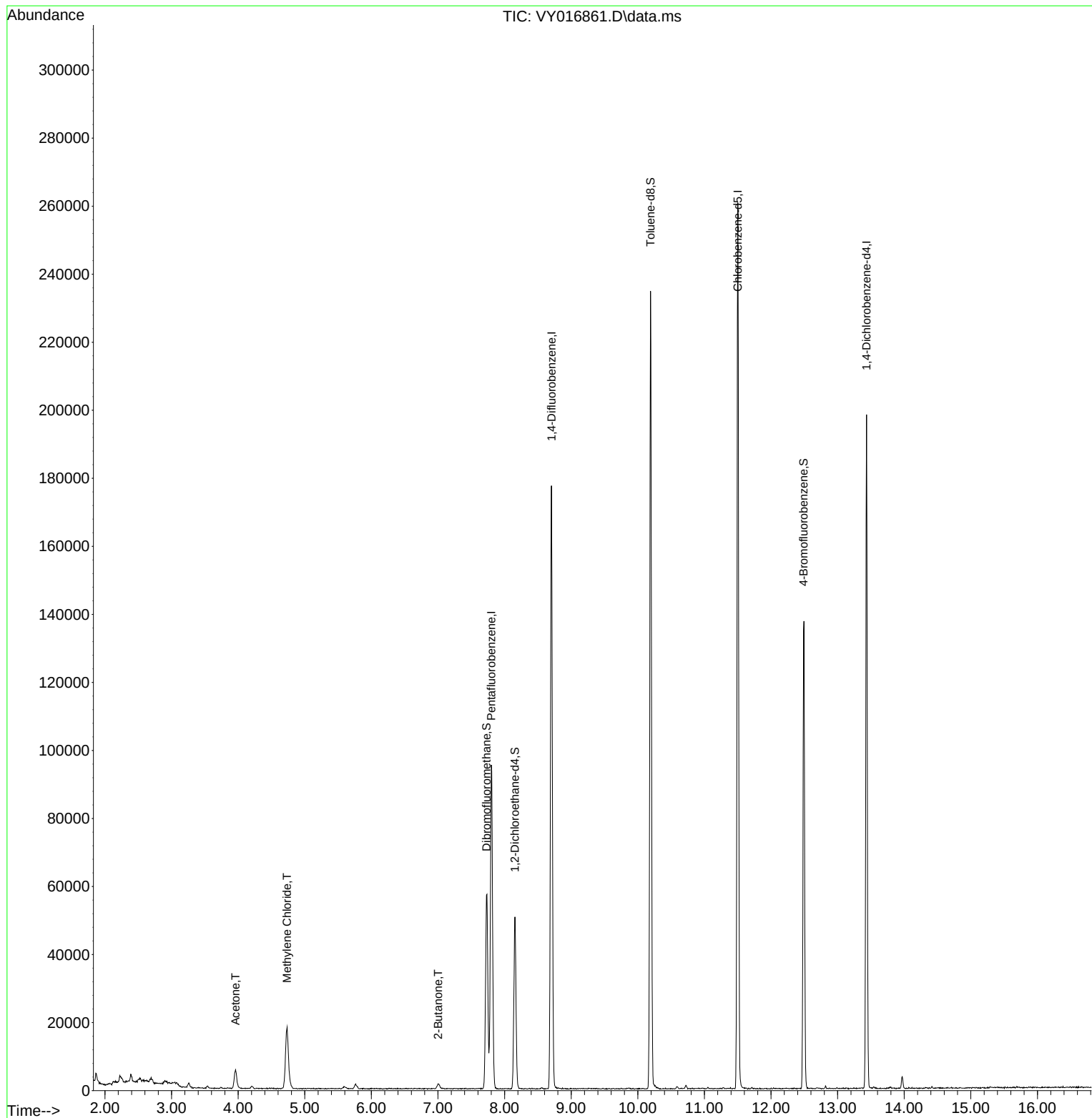
Internal Standards						
1) Pentafluorobenzene	7.801	168	71741	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	147448	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	140086	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	48532	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	38244	58.395	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.800%			
35) Dibromofluoromethane	7.728	113	42315	50.100	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.200%			
50) Toluene-d8	10.191	98	150791	49.525	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.040%			
62) 4-Bromofluorobenzene	12.489	95	42778	43.306	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 86.620%			
Target Compounds					Qvalue	
16) Acetone	3.960	43	9744	55.021	ug/l	93
20) Methylene Chloride	4.734	84	13691	12.599	ug/l	95
25) 2-Butanone	7.002	43	2651	10.872	ug/l	91

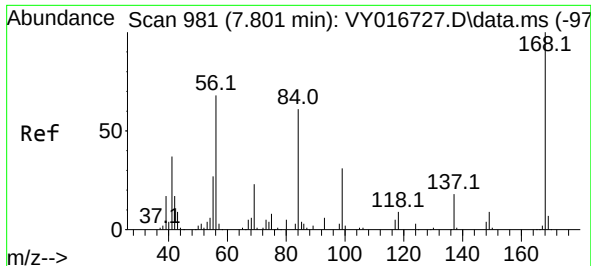
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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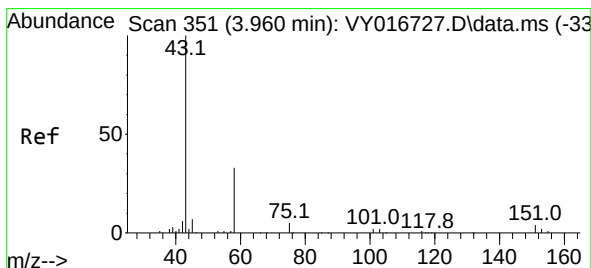
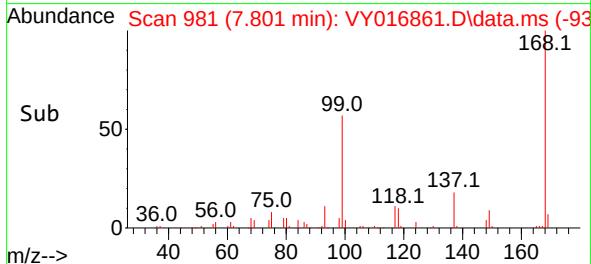
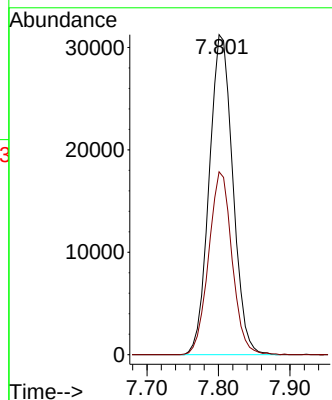
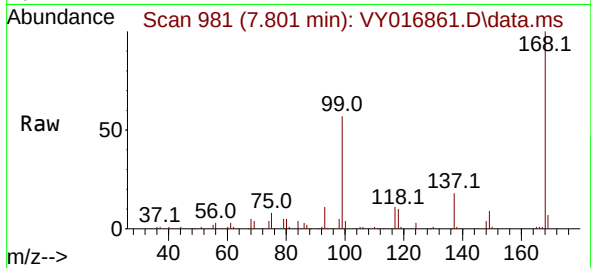




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY016861.D
Acq: 26 Dec 2023 18:26

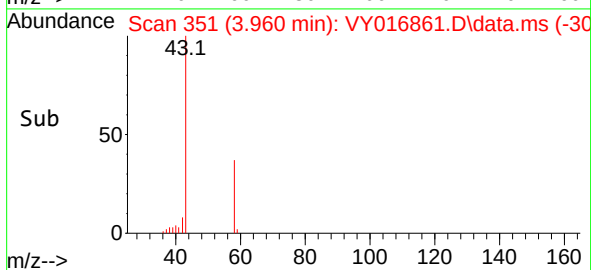
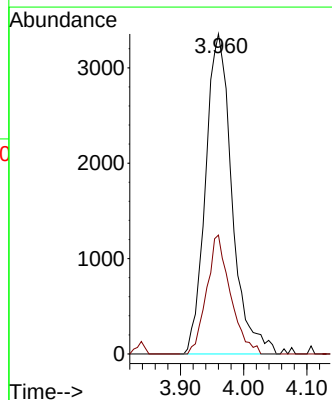
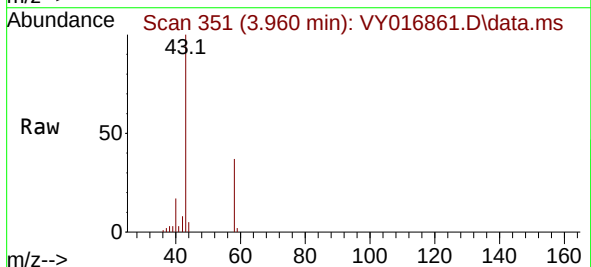
Instrument :
MSVOA_Y
ClientSampleId :
WC-B-GRAB

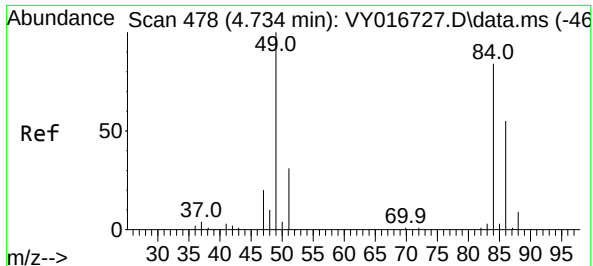
Tgt Ion:168 Resp: 71741
Ion Ratio Lower Upper
168 100
99 57.1 44.2 66.4



#16
Acetone
Concen: 55.021 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY016861.D
Acq: 26 Dec 2023 18:26

Tgt Ion: 43 Resp: 9744
Ion Ratio Lower Upper
43 100
58 37.2 26.6 39.8





#20

Methylene Chloride

Concen: 12.599 ug/l

RT: 4.734 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY016861.D

Acq: 26 Dec 2023 18:26

Instrument :

MSVOA_Y

ClientSampleId :

WC-B-GRAB

Tgt Ion: 84 Resp: 13691

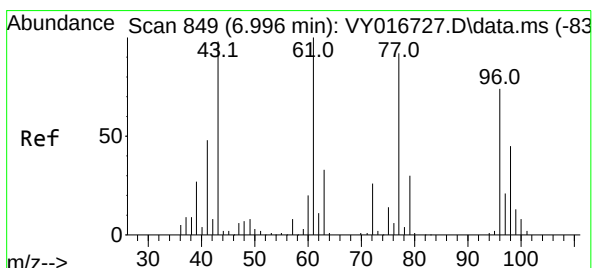
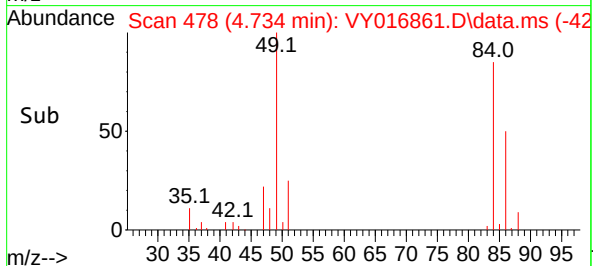
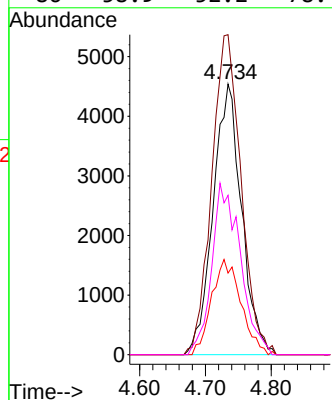
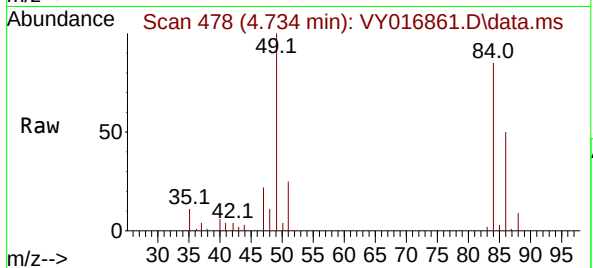
Ion Ratio Lower Upper

84 100

49 118.3 95.2 142.8

51 30.1 29.9 44.9

86 58.9 52.2 78.4



#25

2-Butanone

Concen: 10.872 ug/l

RT: 7.002 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY016861.D

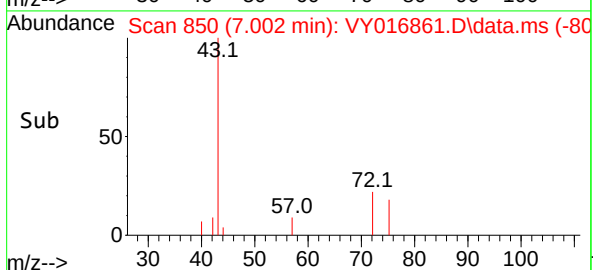
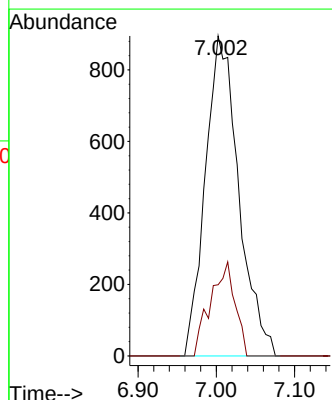
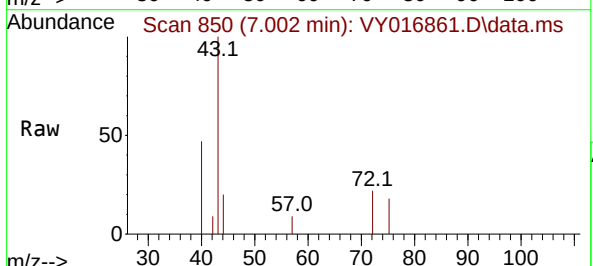
Acq: 26 Dec 2023 18:26

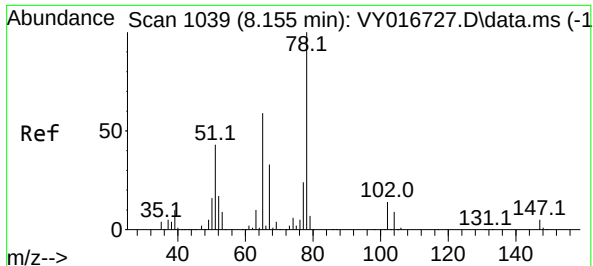
Tgt Ion: 43 Resp: 2651

Ion Ratio Lower Upper

43 100

72 22.2 21.4 32.2





#33

1,2-Dichloroethane-d4

Concen: 58.395 ug/l

RT: 8.154 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY016861.D

Acq: 26 Dec 2023 18:26

Instrument :

MSVOA_Y

ClientSampleId :

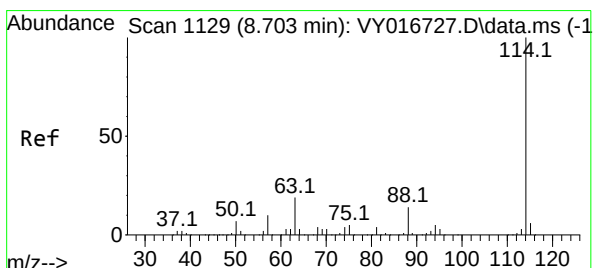
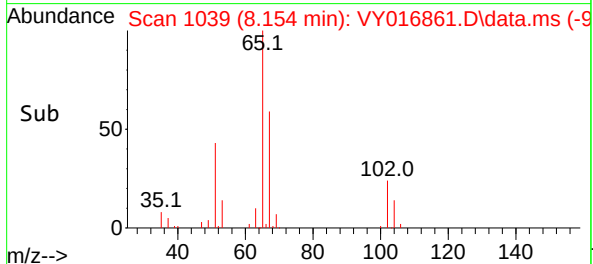
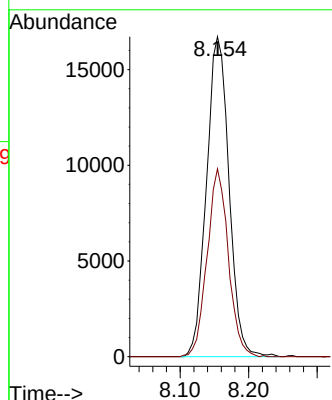
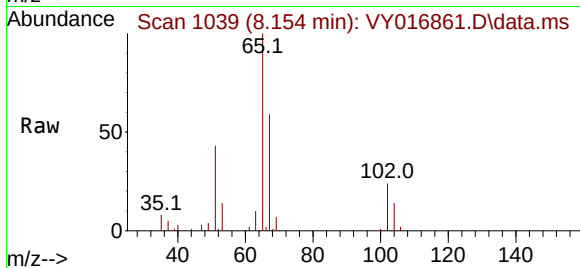
WC-B-GRAB

Tgt Ion: 65 Resp: 38244

Ion Ratio Lower Upper

65 100

67 55.3 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY016861.D

Acq: 26 Dec 2023 18:26

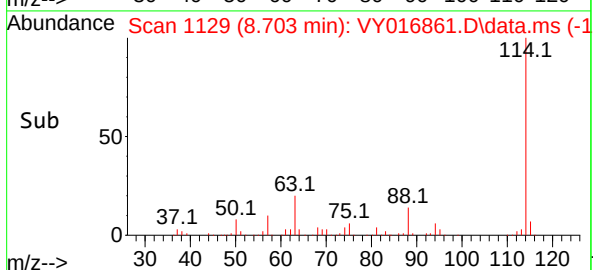
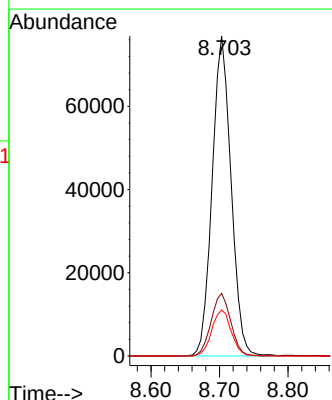
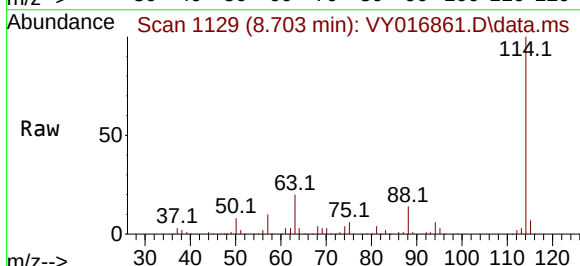
Tgt Ion: 114 Resp: 147448

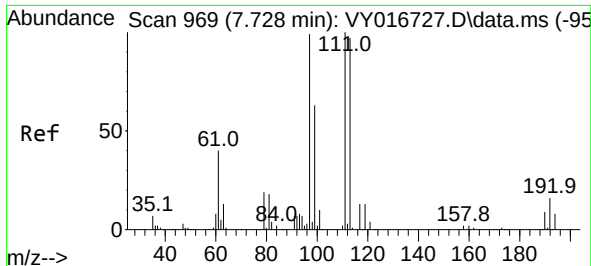
Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.4

88 14.3 0.0 29.0

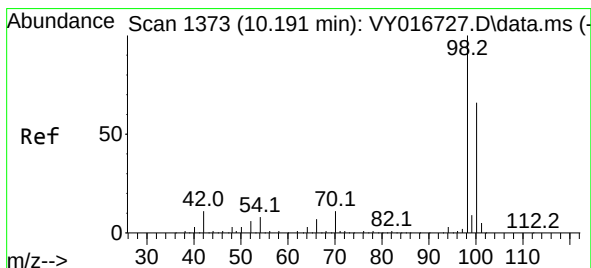
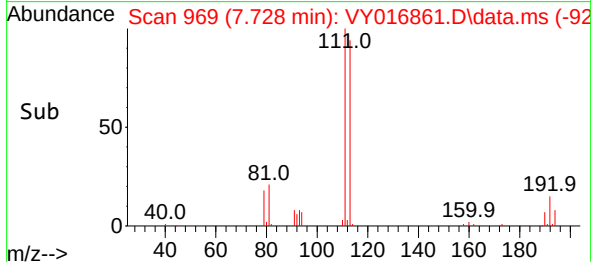
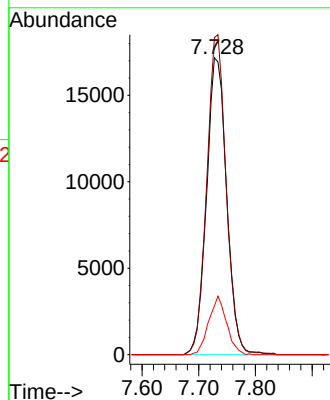
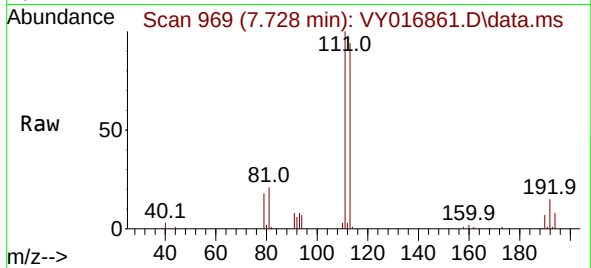




#35
Dibromofluoromethane
Concen: 50.100 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY016861.D
Acq: 26 Dec 2023 18:26

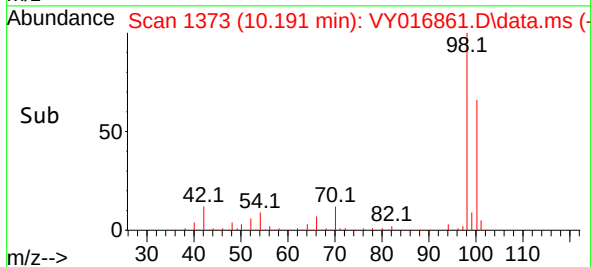
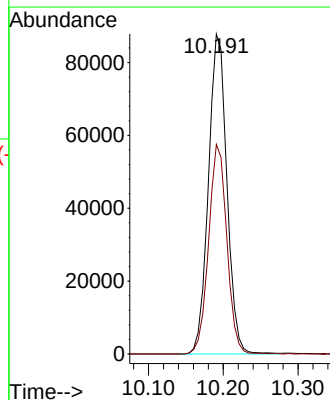
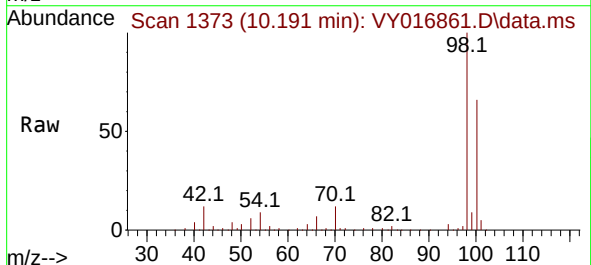
Instrument :
MSVOA_Y
ClientSampleId :
WC-B-GRAB

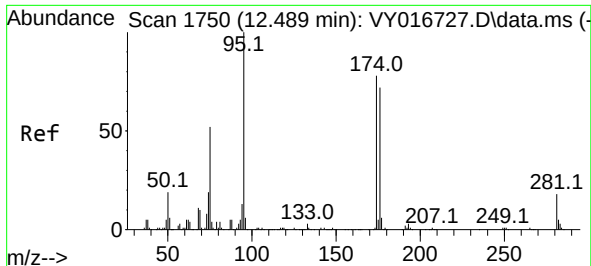
Tgt Ion:113 Resp: 42315
Ion Ratio Lower Upper
113 100
111 103.9 83.8 125.6
192 17.6 14.5 21.7



#50
Toluene-d8
Concen: 49.525 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.000 min
Lab File: VY016861.D
Acq: 26 Dec 2023 18:26

Tgt Ion: 98 Resp: 150791
Ion Ratio Lower Upper
98 100
100 64.7 52.3 78.5





#62

4-Bromofluorobenzene

Concen: 43.306 ug/l

RT: 12.489 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016861.D

Acq: 26 Dec 2023 18:26

Instrument :

MSVOA_Y

ClientSampleId :

WC-B-GRAB

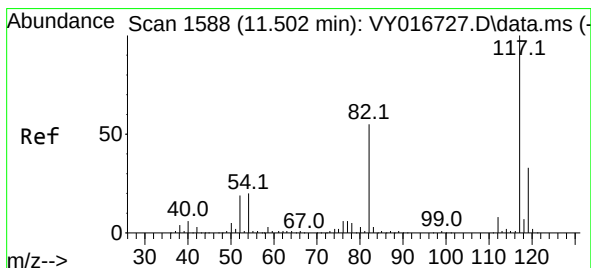
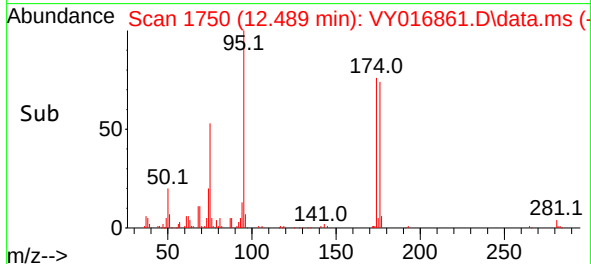
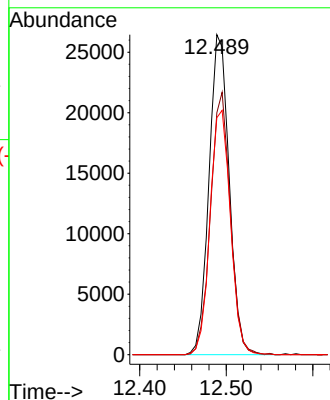
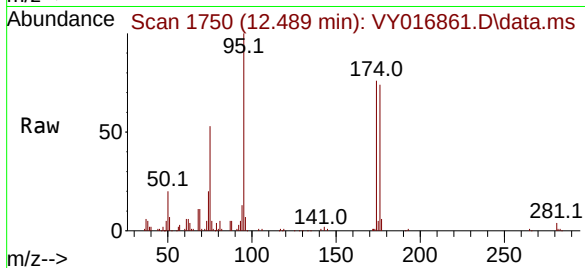
Tgt Ion: 95 Resp: 42778

Ion Ratio Lower Upper

95 100

174 80.6 0.0 160.0

176 77.5 0.0 151.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.501 min Scan# 1588

Delta R.T. -0.000 min

Lab File: VY016861.D

Acq: 26 Dec 2023 18:26

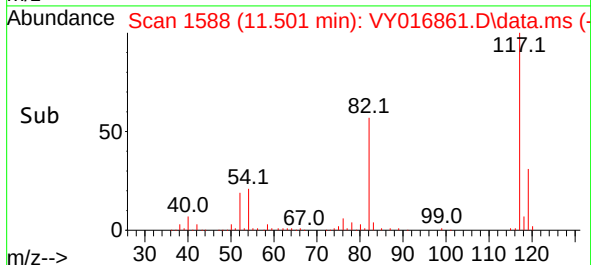
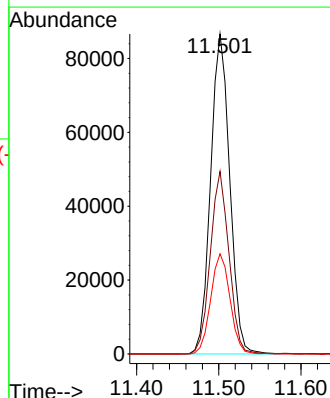
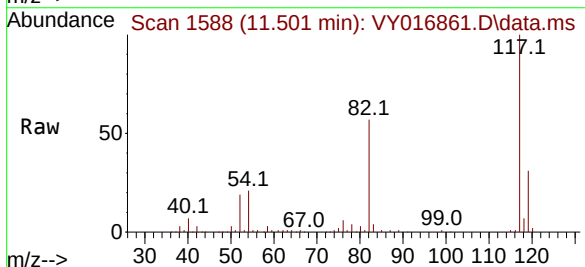
Tgt Ion: 117 Resp: 140086

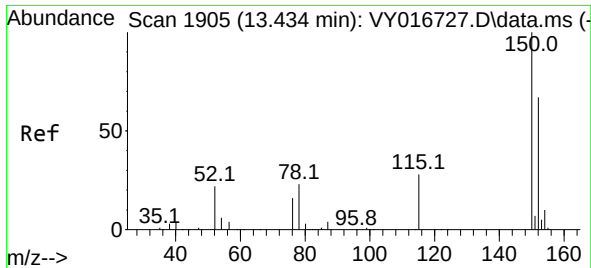
Ion Ratio Lower Upper

117 100

82 57.0 43.8 65.8

119 31.3 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VY016861.D

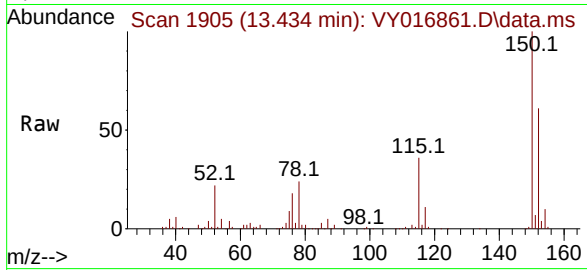
Acq: 26 Dec 2023 18:26

Instrument :

MSVOA_Y

ClientSampleId :

WC-B-GRAB



Tgt Ion:152 Resp: 48532

Ion Ratio Lower Upper

152 100

115 59.4 30.0 90.0

150 158.4 0.0 344.6

