

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071024\
 Data File : VY018769.D
 Acq On : 10 Jul 2024 16:12
 Operator : SY/MD
 Sample : P3187-11
 Misc : 6.35g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-3-VOC

Quant Time: Jul 11 02:25:28 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)

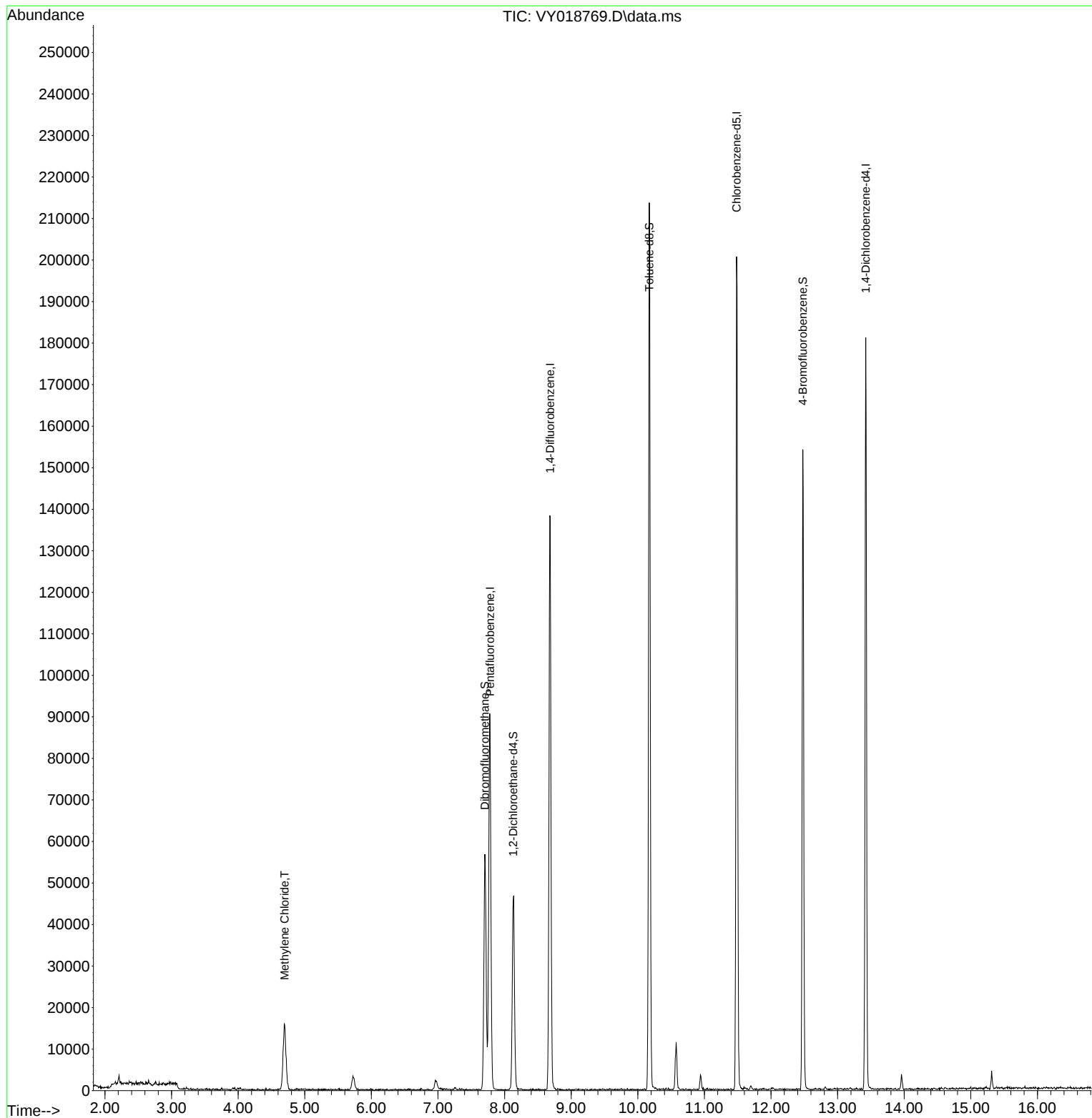
Internal Standards						
1) Pentafluorobenzene	7.783	168	69634	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	122596	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	112695	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	46403	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	36547	53.337	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	106.680%	
35) Dibromofluoromethane	7.704	113	38126	49.653	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	99.300%	
50) Toluene-d8	10.173	98	140061	48.147	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	96.300%	
62) 4-Bromofluorobenzene	12.477	95	45342	45.641	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	91.280%	
Target Compounds						
20) Methylene Chloride	4.698	84	11853	12.883	ug/l	Qvalue 86

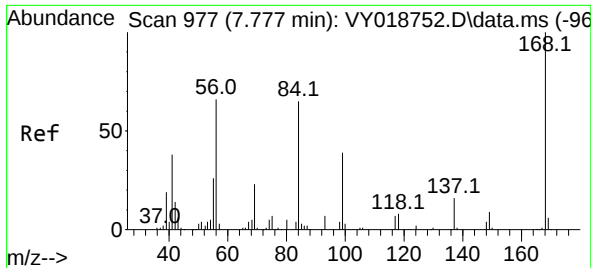
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071024\
Data File : VY018769.D
Acq On : 10 Jul 2024 16:12
Operator : SY/MD
Sample : P3187-11
Misc : 6.35g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-3-VOC

Quant Time: Jul 11 02:25:28 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

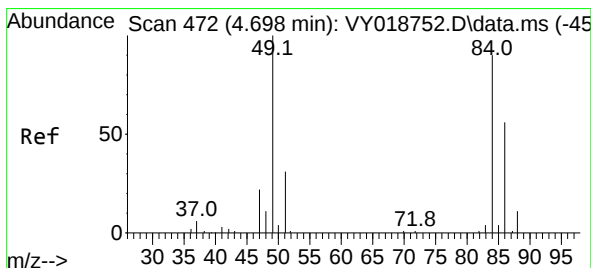
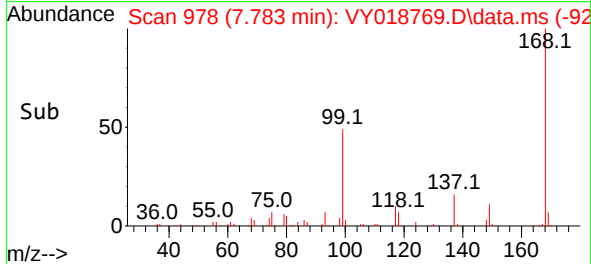
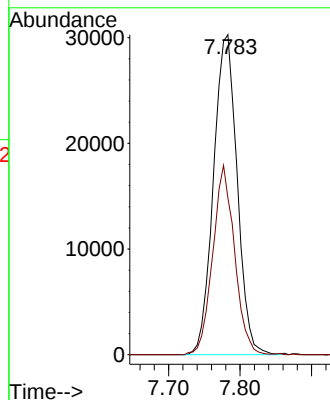
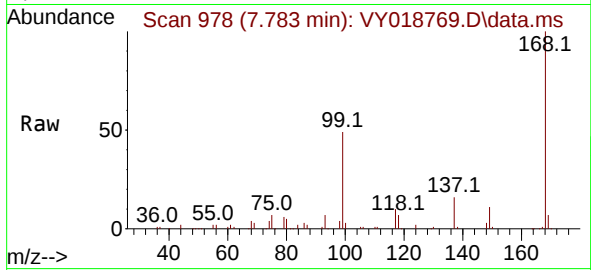




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018769.D
Acq: 10 Jul 2024 16:12

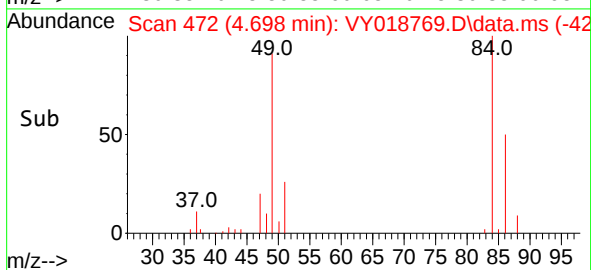
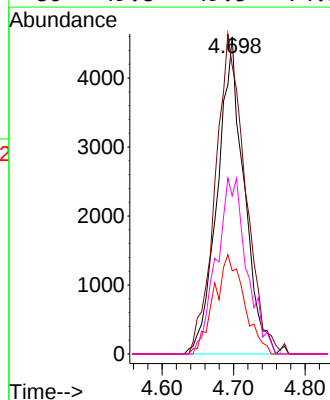
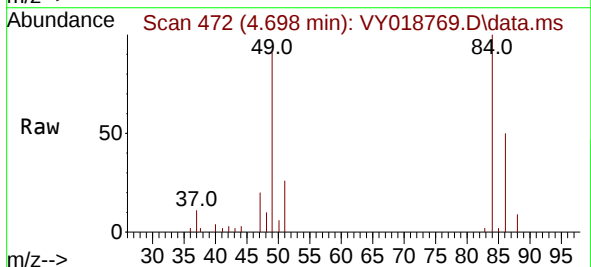
Instrument :
MSVOA_Y
ClientSampleId :
WC-3-VOC

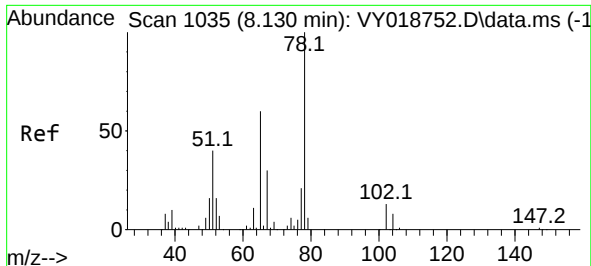
Tgt Ion:168 Resp: 69634
Ion Ratio Lower Upper
168 100
99 49.0 39.1 58.7



#20
Methylene Chloride
Concen: 12.883 ug/l
RT: 4.698 min Scan# 472
Delta R.T. 0.000 min
Lab File: VY018769.D
Acq: 10 Jul 2024 16:12

Tgt Ion: 84 Resp: 11853
Ion Ratio Lower Upper
84 100
49 90.9 84.4 126.6
51 26.2 26.0 39.0
86 49.8 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 53.337 ug/l

RT: 8.130 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY018769.D

Acq: 10 Jul 2024 16:12

Instrument :

MSVOA_Y

ClientSampleId :

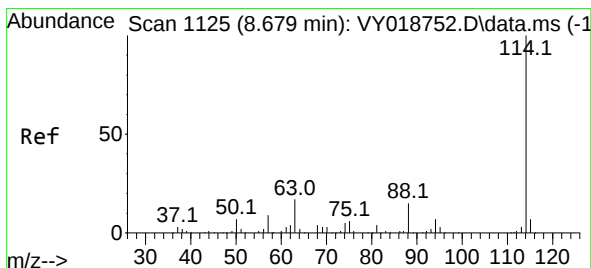
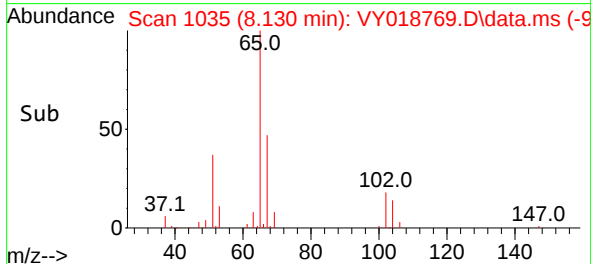
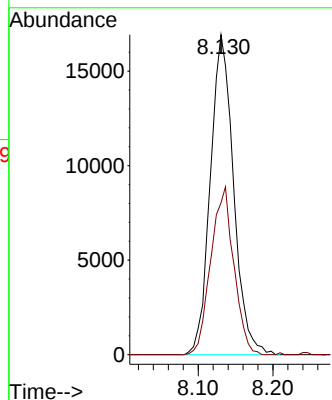
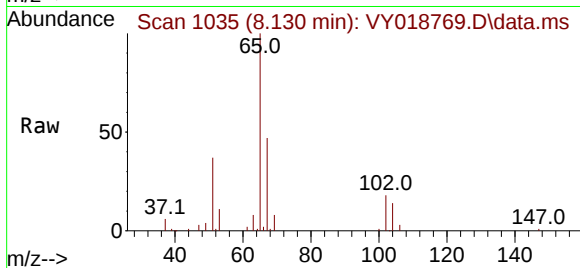
WC-3-VOC

Tgt Ion: 65 Resp: 36547

Ion Ratio Lower Upper

65 100

67 51.9 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: VY018769.D

Acq: 10 Jul 2024 16:12

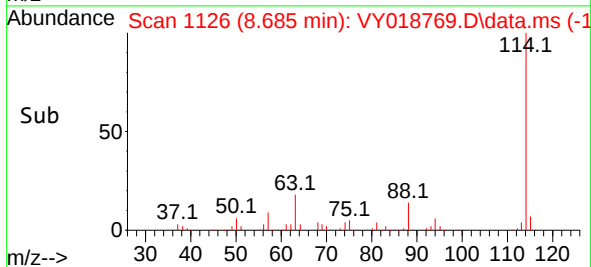
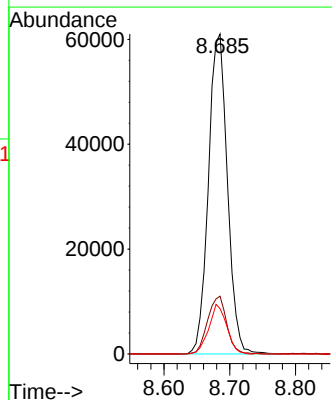
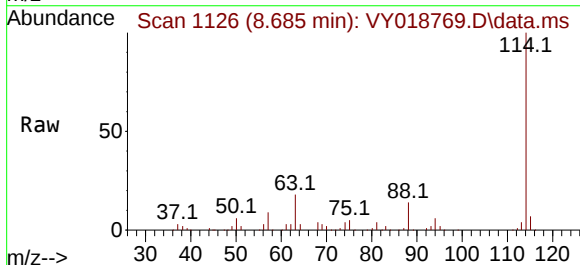
Tgt Ion: 114 Resp: 122596

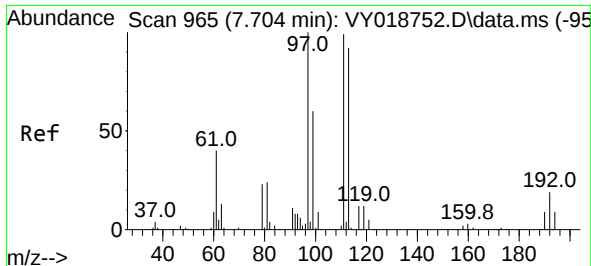
Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

88 14.2 0.0 27.2

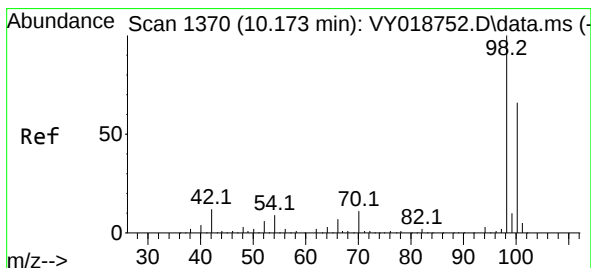
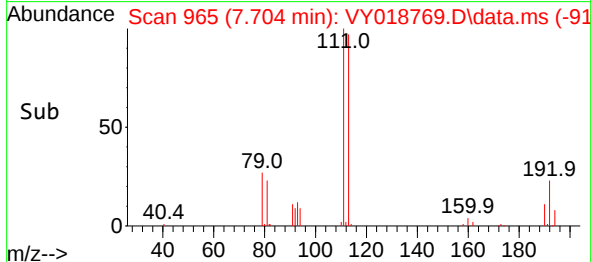
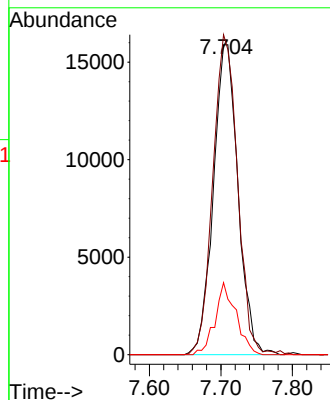
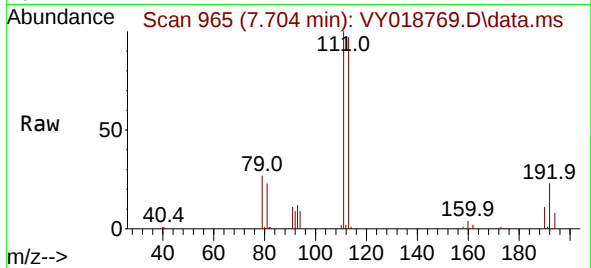




#35
Dibromofluoromethane
Concen: 49.653 ug/l
RT: 7.704 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY018769.D
Acq: 10 Jul 2024 16:12

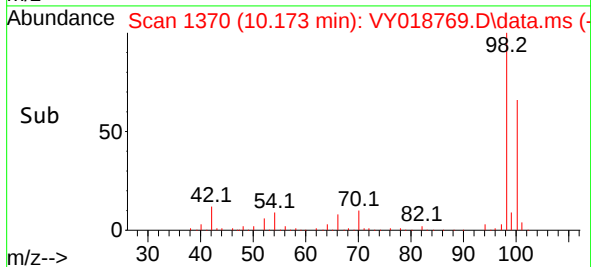
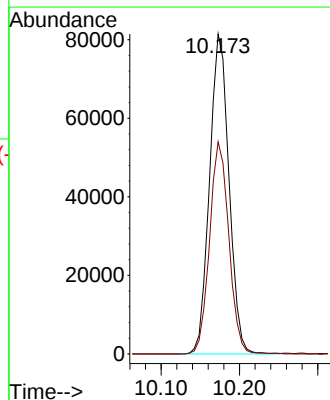
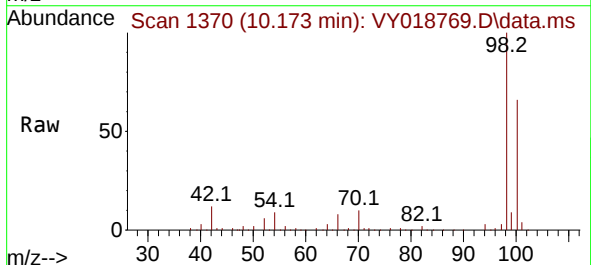
Instrument :
MSVOA_Y
ClientSampleId :
WC-3-VOC

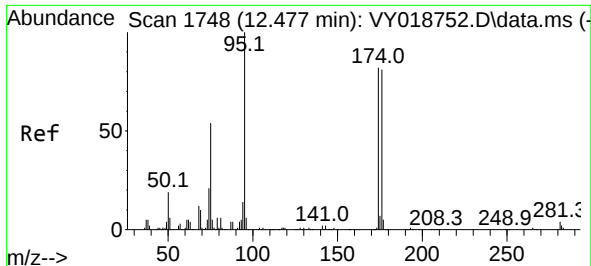
Tgt Ion:113 Resp: 38126
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 19.8 15.9 23.9



#50
Toluene-d8
Concen: 48.147 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018769.D
Acq: 10 Jul 2024 16:12

Tgt Ion: 98 Resp: 140061
Ion Ratio Lower Upper
98 100
100 65.8 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 45.641 ug/l

RT: 12.477 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018769.D

Acq: 10 Jul 2024 16:12

Instrument :

MSVOA_Y

ClientSampleId :

WC-3-VOC

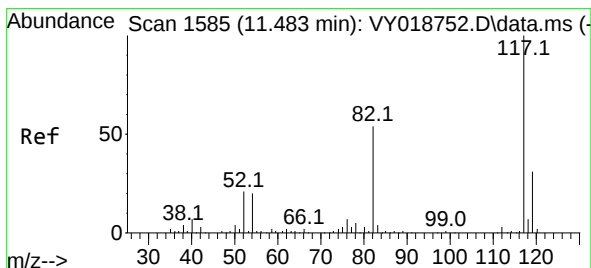
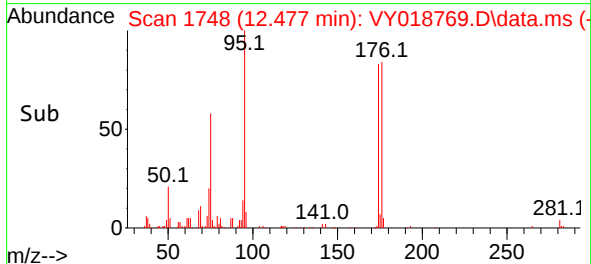
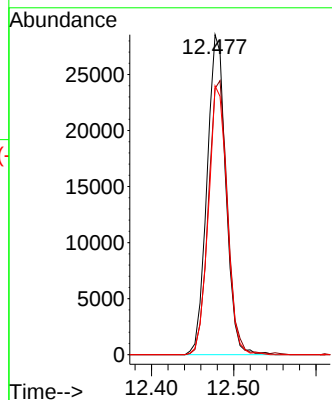
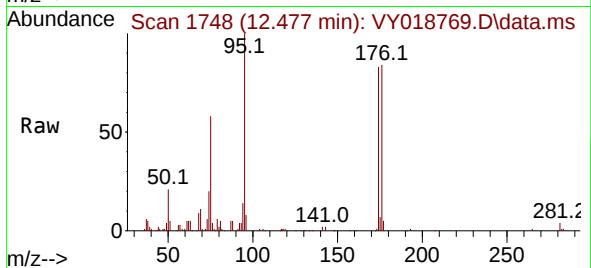
Tgt Ion: 95 Resp: 45342

Ion Ratio Lower Upper

95 100

174 87.3 0.0 175.6

176 84.0 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 1585

Delta R.T. 0.000 min

Lab File: VY018769.D

Acq: 10 Jul 2024 16:12

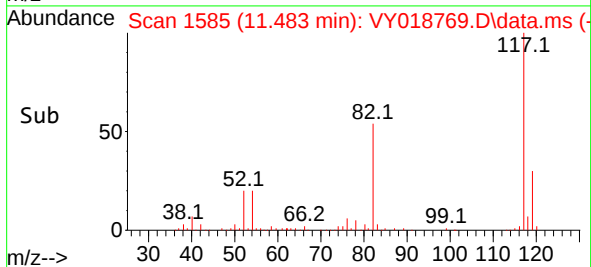
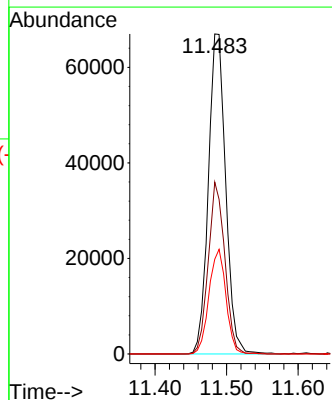
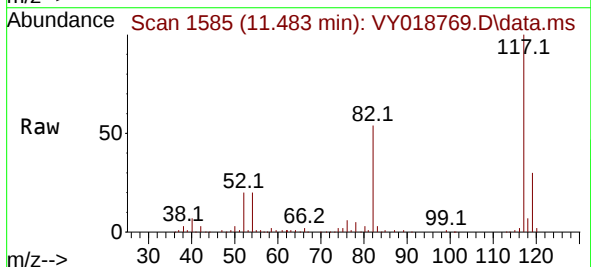
Tgt Ion: 117 Resp: 112695

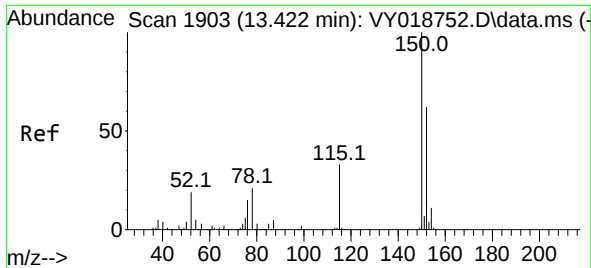
Ion Ratio Lower Upper

117 100

82 53.7 42.4 63.6

119 29.6 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: VY018769.D
 Acq: 10 Jul 2024 16:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-3-VOC

Tgt Ion:152 Resp: 46403
 Ion Ratio Lower Upper
 152 100
 115 56.8 28.2 84.7
 150 156.8 0.0 345.6

