

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042924\
 Data File : VY018083.D
 Acq On : 29 Apr 2024 21:05
 Operator : SY/MD
 Sample : P2307-04
 Misc : 6.23g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-2-VOC

Quant Time: Apr 30 01:05:26 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)

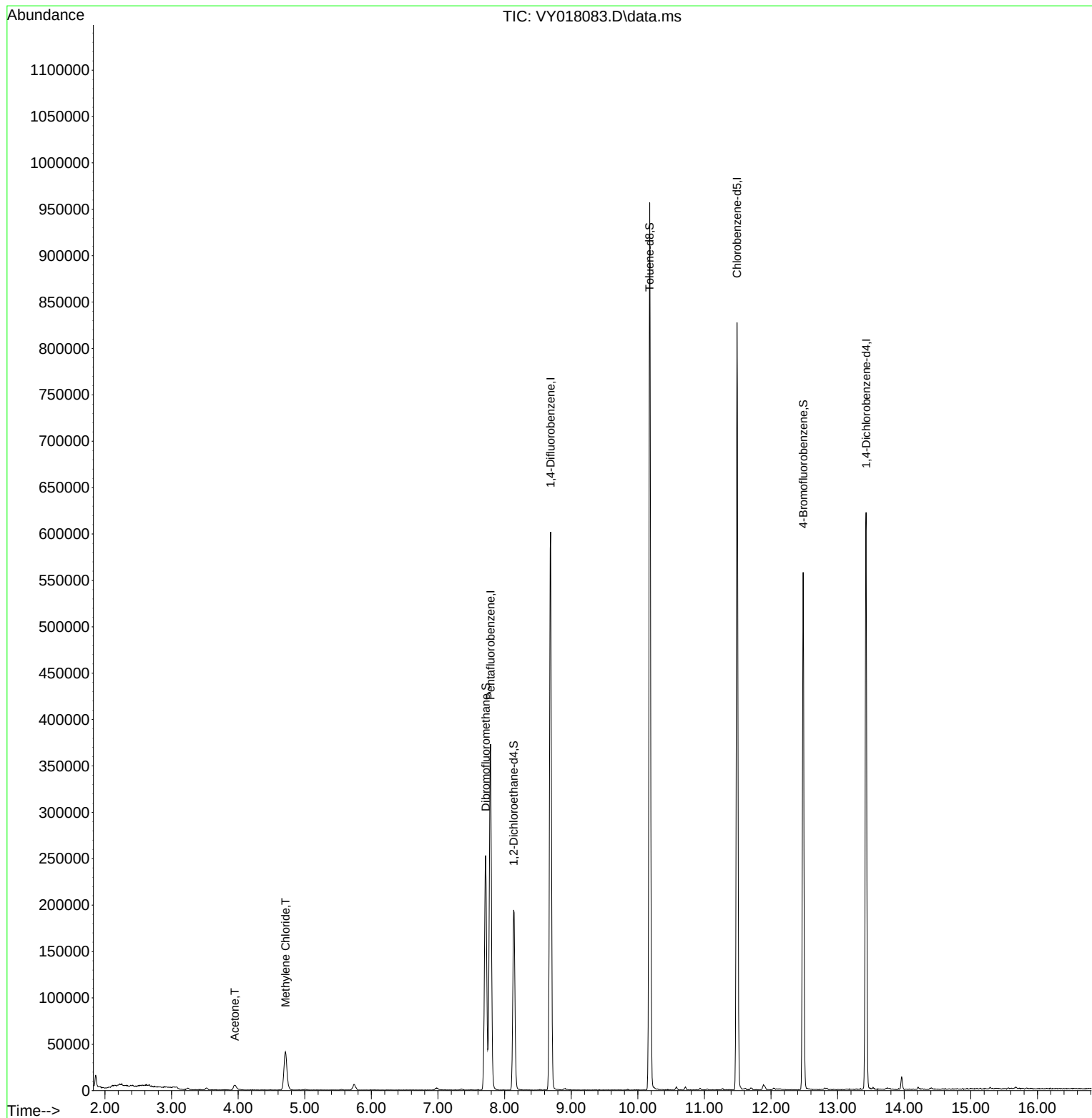
Internal Standards						
1) Pentafluorobenzene	7.789	168	317279	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	570464	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	499834	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	176406	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	145264	52.907	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.820%	
35) Dibromofluoromethane	7.716	113	183690	52.193	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.380%	
50) Toluene-d8	10.179	98	647341	48.474	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.940%	
62) 4-Bromofluorobenzene	12.483	95	168714	40.793	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 81.580%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	10649	19.629	ug/l	96
20) Methylene Chloride	4.710	84	36433	9.913	ug/l	91

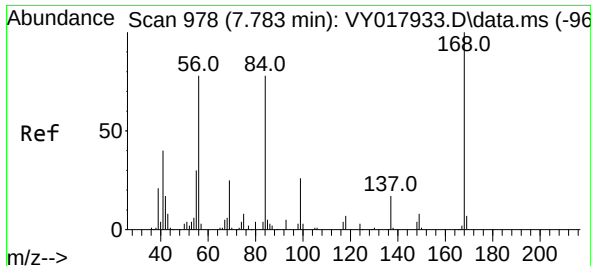
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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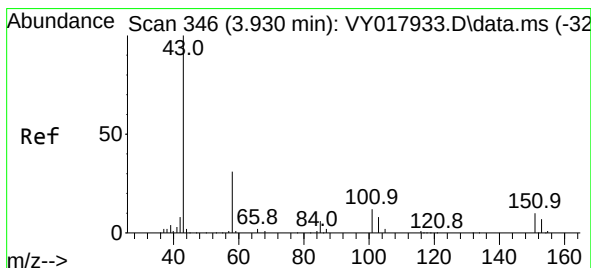
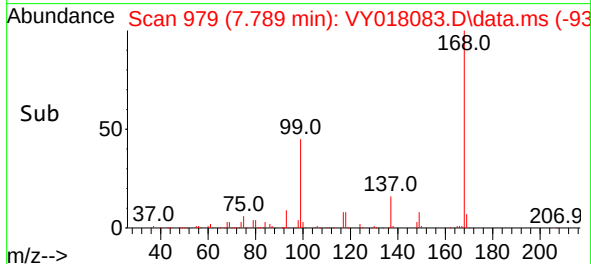
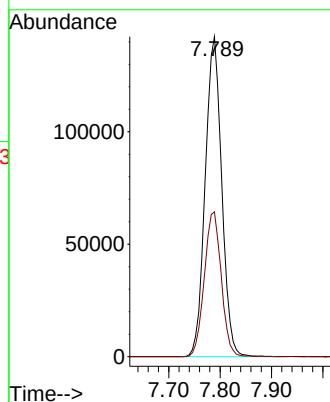
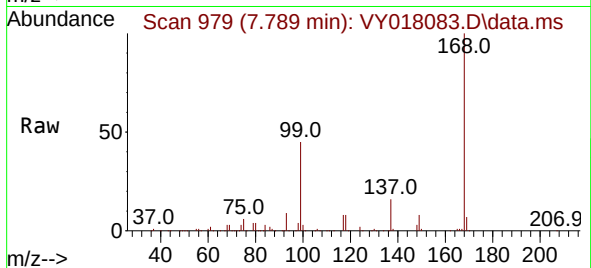




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018083.D
Acq: 29 Apr 2024 21:05

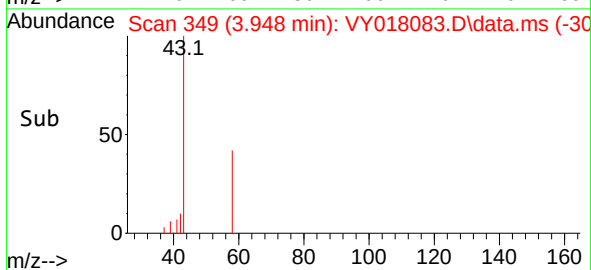
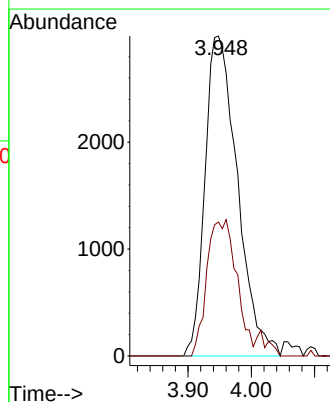
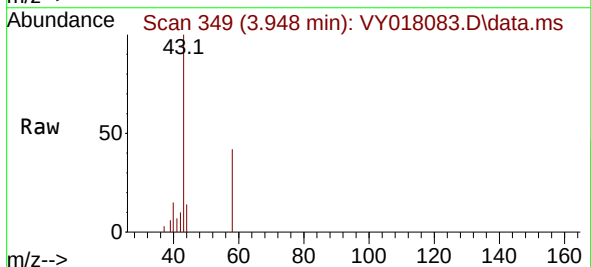
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-VOC

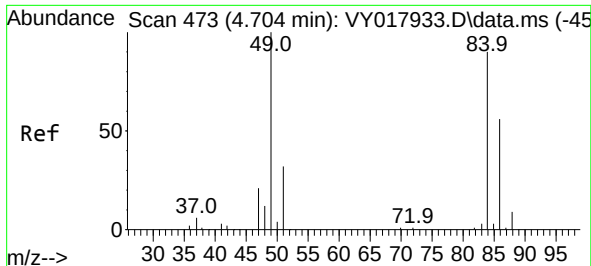
Tgt Ion:168 Resp: 317279
Ion Ratio Lower Upper
168 100
99 45.2 39.1 58.7



#16
Acetone
Concen: 19.629 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY018083.D
Acq: 29 Apr 2024 21:05

Tgt Ion: 43 Resp: 10649
Ion Ratio Lower Upper
43 100
58 41.9 31.7 47.5

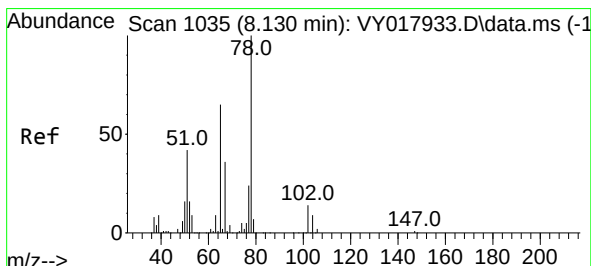
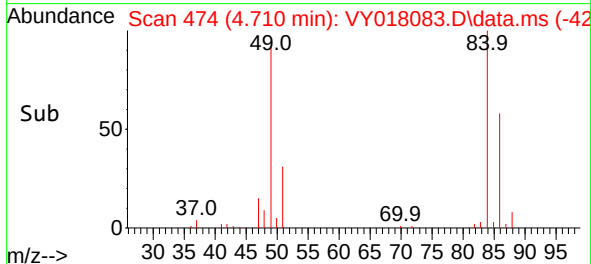
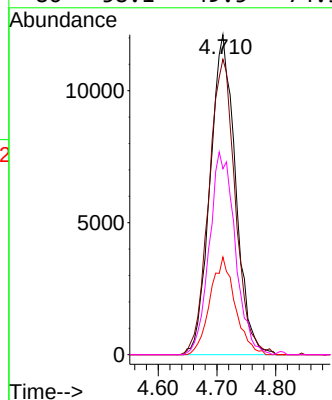
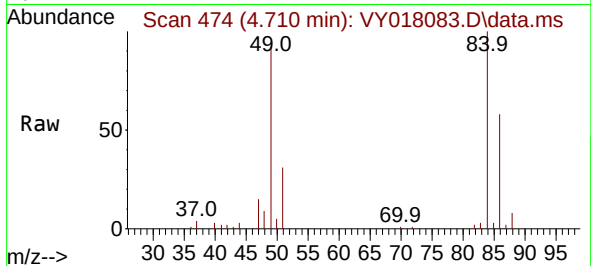




#20
Methylene Chloride
Concen: 9.913 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY018083.D
Acq: 29 Apr 2024 21:05

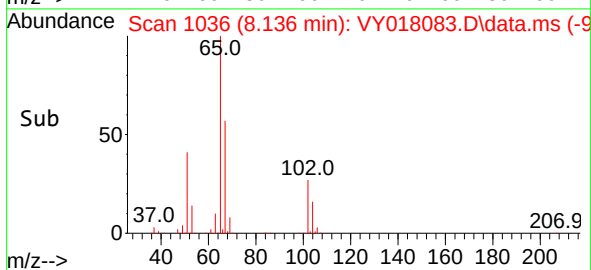
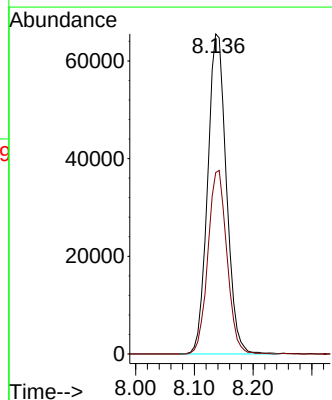
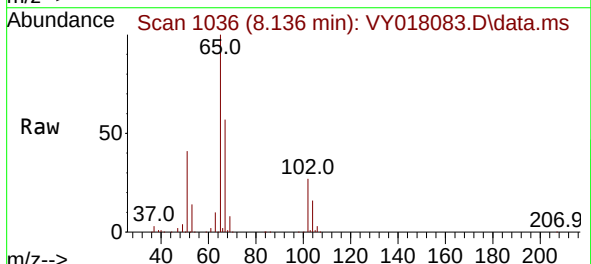
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-VOC

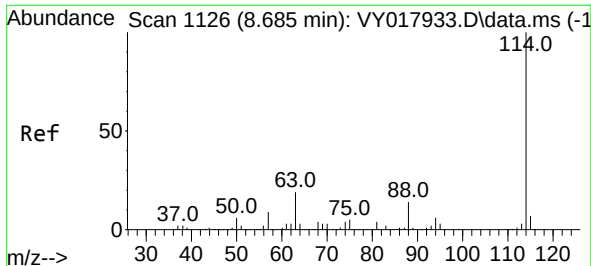
Tgt Ion:	84	Resp:	36433
Ion	Ratio	Lower	Upper
84	100		
49	92.3	84.4	126.6
51	30.5	26.0	39.0
86	58.1	49.5	74.3



#33
1,2-Dichloroethane-d4
Concen: 52.907 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY018083.D
Acq: 29 Apr 2024 21:05

Tgt Ion:	65	Resp:	145264
Ion	Ratio	Lower	Upper
65	100		
67	58.0	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: VY018083.D

Acq: 29 Apr 2024 21:05

Instrument :

MSVOA_Y

ClientSampleId :

WC-2-VOC

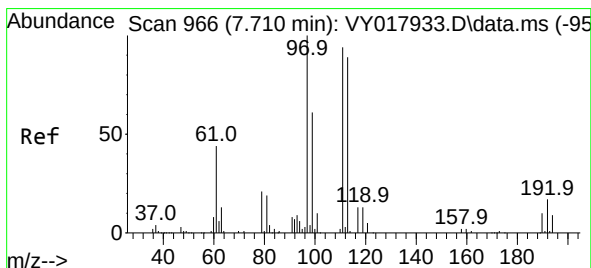
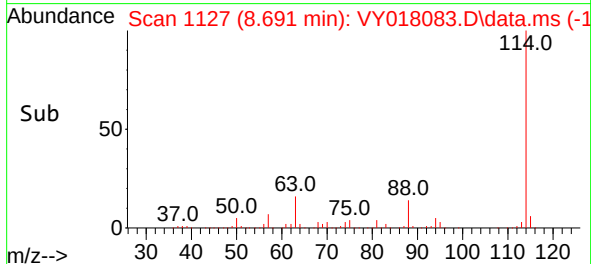
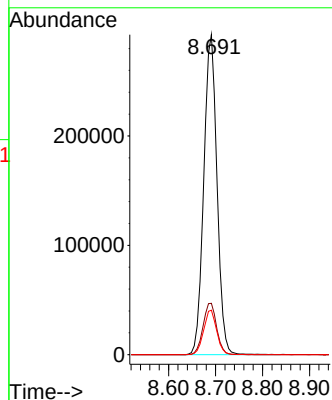
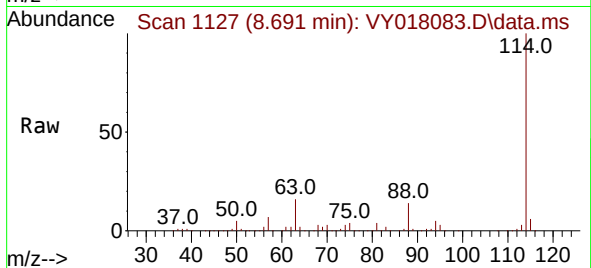
Tgt Ion:114 Resp: 570464

Ion Ratio Lower Upper

114 100

63 16.1 0.0 35.0

88 13.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 52.193 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY018083.D

Acq: 29 Apr 2024 21:05

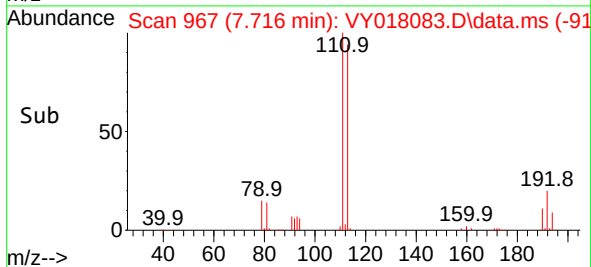
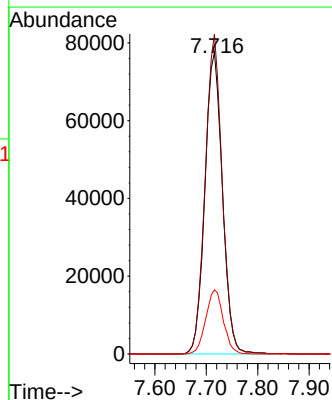
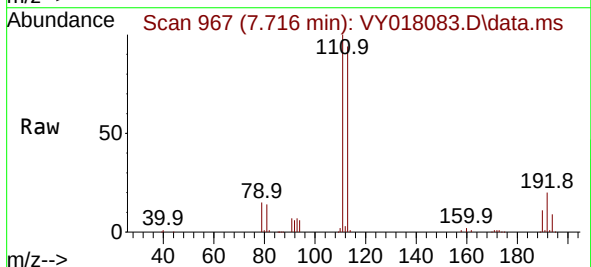
Tgt Ion:113 Resp: 183690

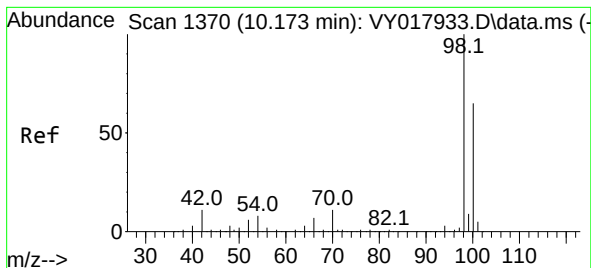
Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.4

192 21.3 15.9 23.9





#50

Toluene-d8

Concen: 48.474 ug/l

RT: 10.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018083.D

Acq: 29 Apr 2024 21:05

Instrument :

MSVOA_Y

ClientSampleId :

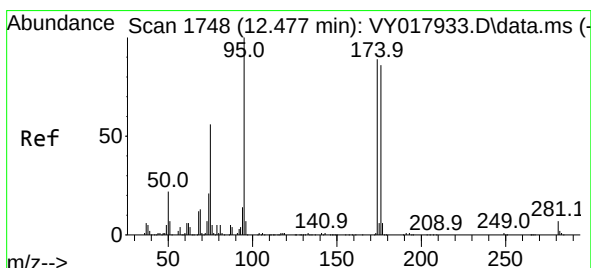
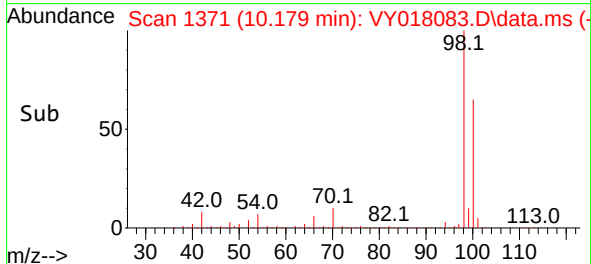
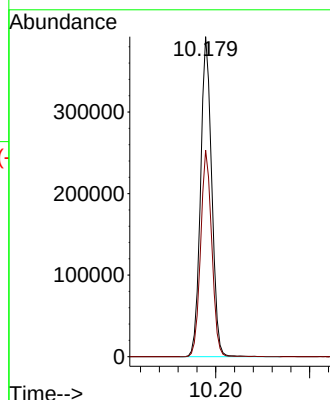
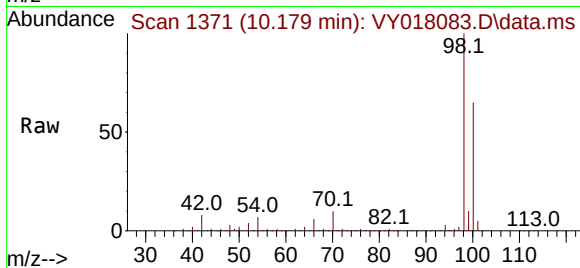
WC-2-VOC

Tgt Ion: 98 Resp: 647341

Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 40.793 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY018083.D

Acq: 29 Apr 2024 21:05

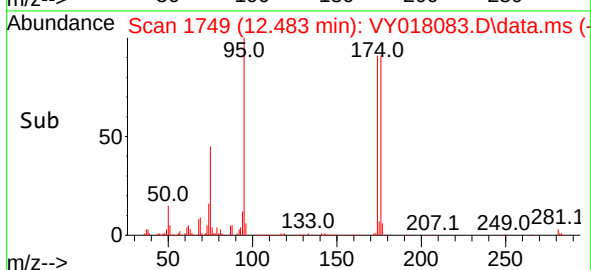
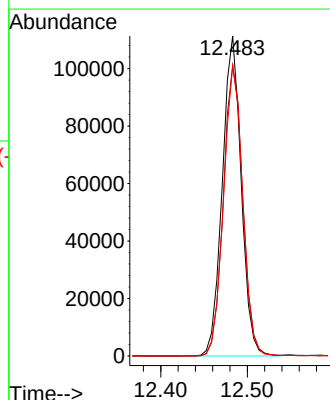
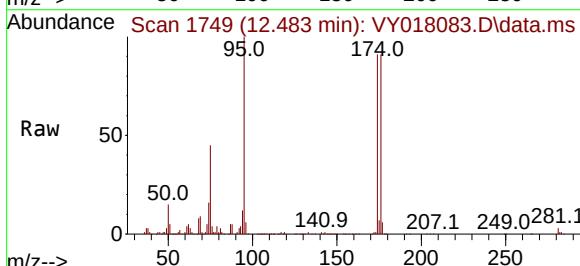
Tgt Ion: 95 Resp: 168714

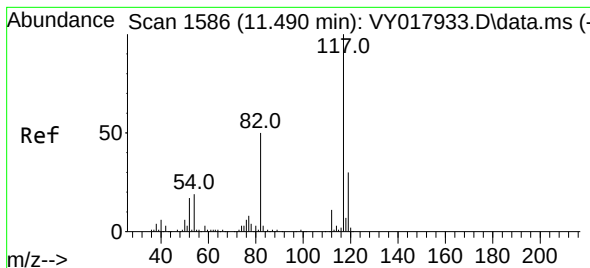
Ion Ratio Lower Upper

95 100

174 93.3 0.0 175.6

176 91.6 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018083.D

Acq: 29 Apr 2024 21:05

Instrument :

MSVOA_Y

ClientSampleId :

WC-2-VOC

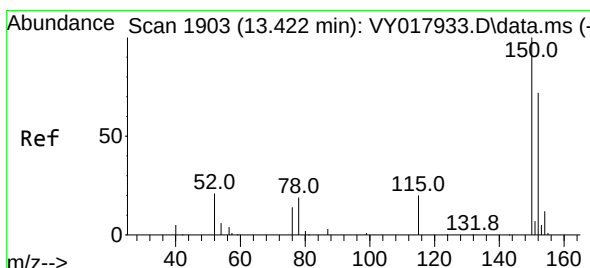
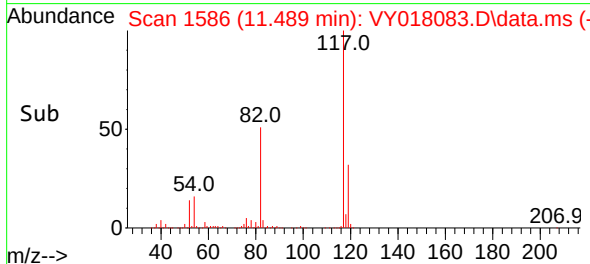
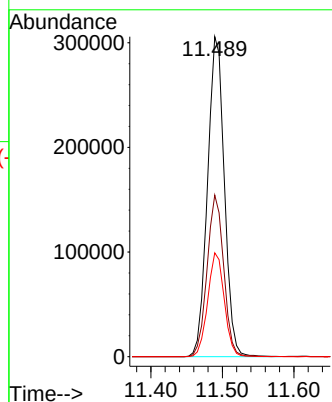
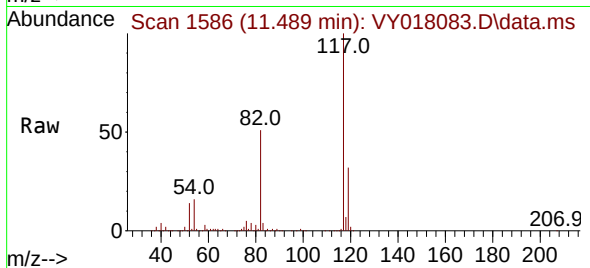
Tgt Ion:117 Resp: 499834

Ion Ratio Lower Upper

117 100

82 50.5 42.4 63.6

119 32.4 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: VY018083.D

Acq: 29 Apr 2024 21:05

Tgt Ion:152 Resp: 176406

Ion Ratio Lower Upper

152 100

115 53.2 28.2 84.7

150 158.2 0.0 345.6

