

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050824\
 Data File : VY018188.D
 Acq On : 08 May 2024 15:09
 Operator : SY/MD
 Sample : P2413-03
 Misc : 6.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-CC-VOC

Quant Time: May 09 02:26:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

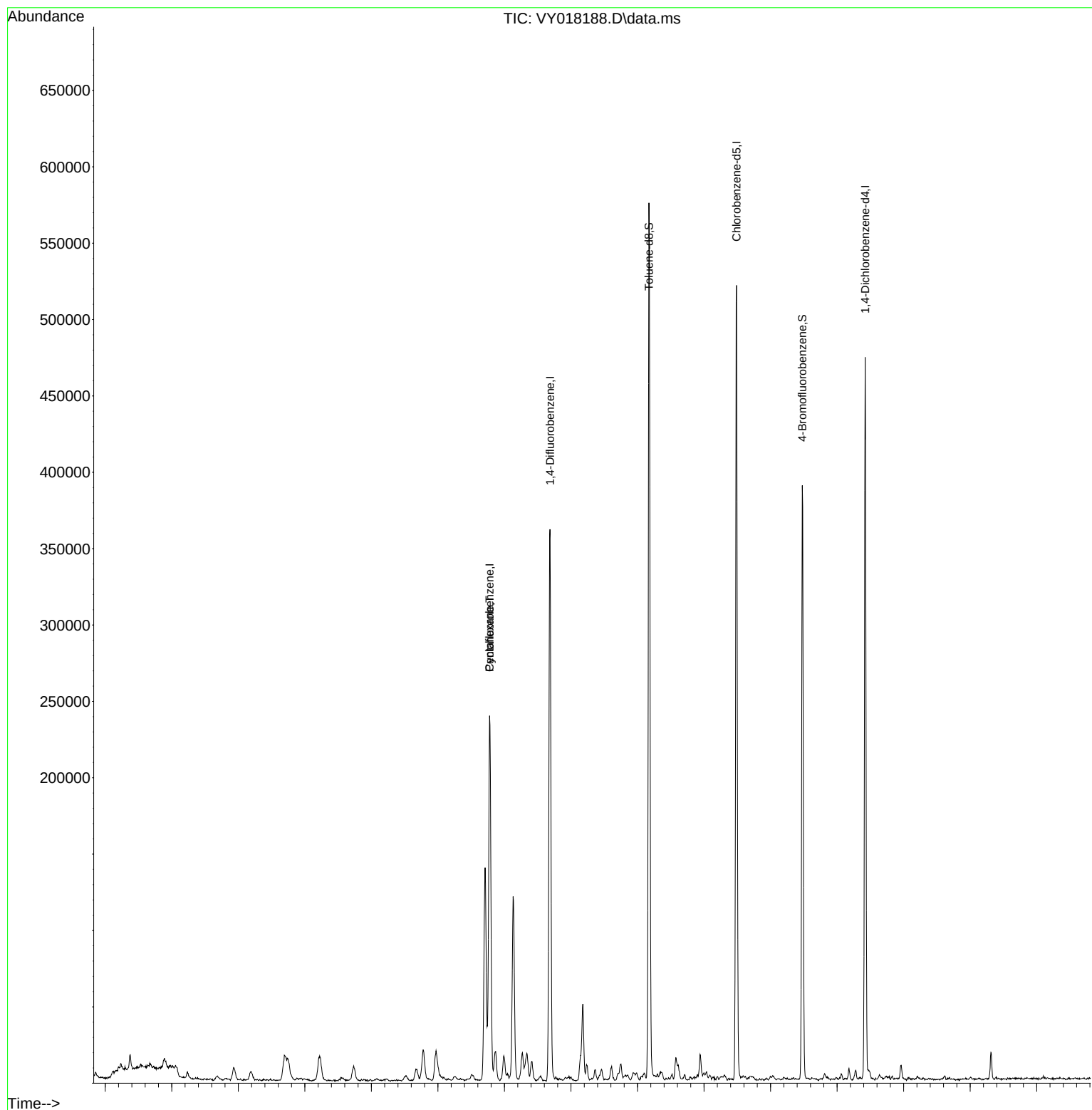
Internal Standards						
1) Pentafluorobenzene	7.777	168	184283	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	340931	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	305090	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	124794	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	87737	64.716	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.440%	
35) Dibromofluoromethane	7.710	113	100419	56.045	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.100%	
50) Toluene-d8	10.173	98	381174	53.986	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.980%	
62) 4-Bromofluorobenzene	12.477	95	121918	53.469	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.940%	
Target Compounds						Qvalue
16) Acetone	3.930	43	13193	48.764	ug/l	94
31) Cyclohexane	7.777	56	11176	2.175	ug/l #	60
39) Methylcyclohexane	9.173	83	20692	5.584	ug/l	95

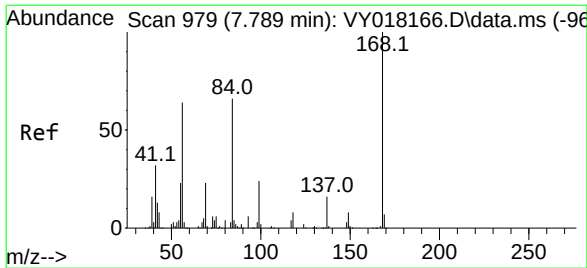
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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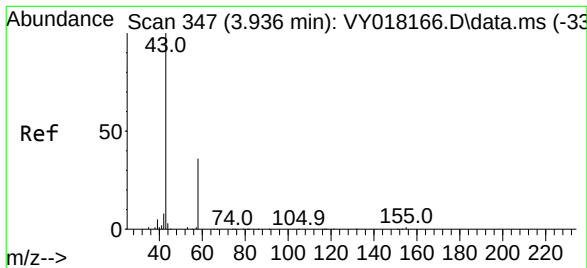
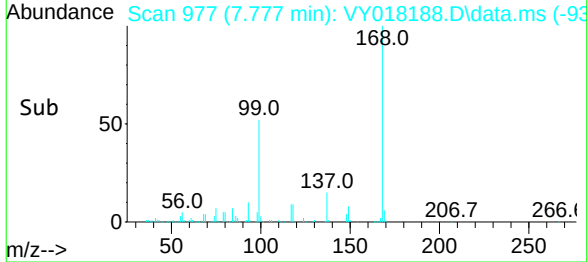
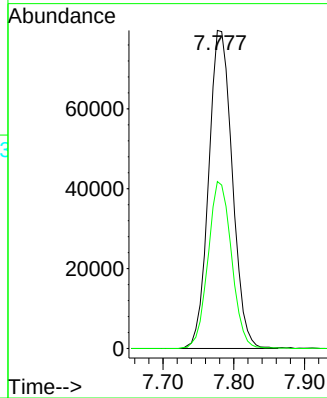
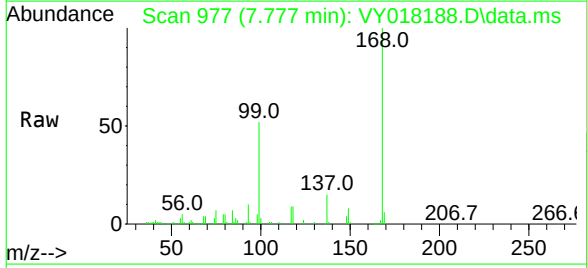




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 97
Delta R.T. -0.012 min
Lab File: VY018188.D
Acq: 08 May 2024 15:09

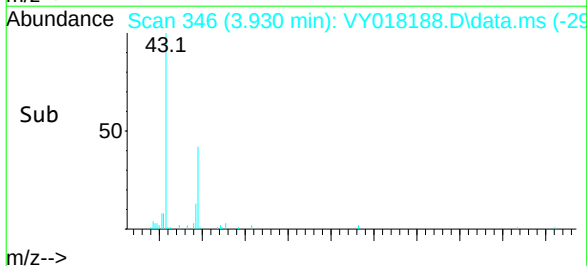
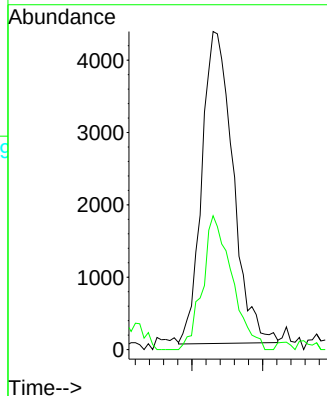
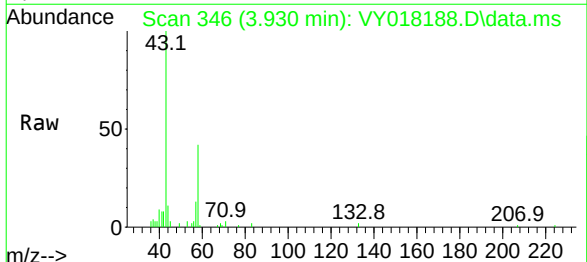
Instrument :
MSVOA_Y
ClientSampleId :
WC-CC-VOC

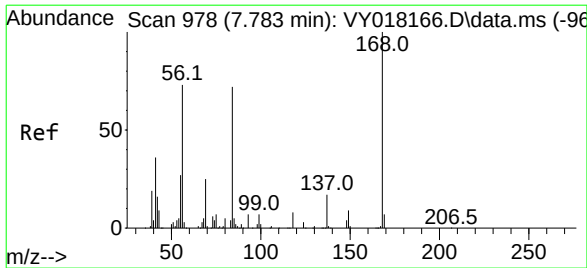
Tgt Ion:168 Resp: 184283
Ion Ratio Lower Upper
168 100
99 52.5 39.1 58.7



#16
Acetone
Concen: 48.764 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY018188.D
Acq: 08 May 2024 15:09

Tgt Ion: 43 Resp: 13193
Ion Ratio Lower Upper
43 100
58 43.0 31.7 47.5





#31

Cyclohexane

Concen: 2.175 ug/l

RT: 7.777 min Scan# 97

Delta R.T. -0.006 min

Lab File: VY018188.D

Acq: 08 May 2024 15:09

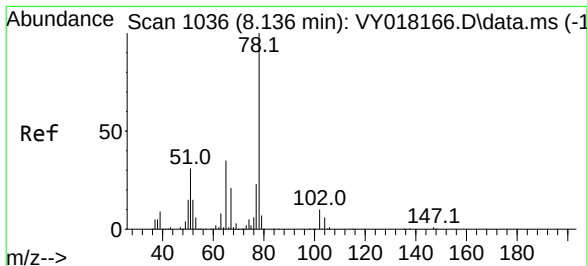
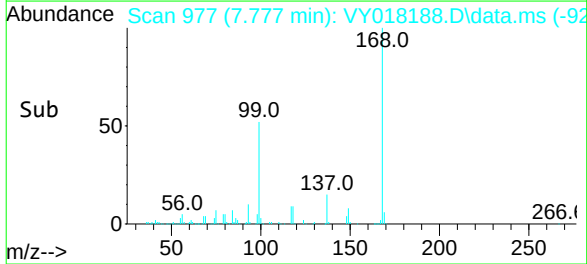
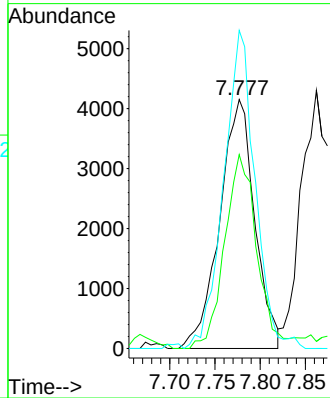
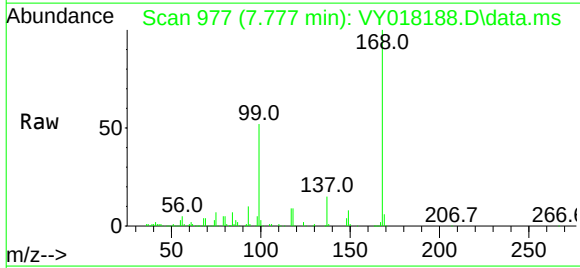
Instrument :

MSVOA_Y

ClientSampleId :

WC-CC-VOC

Tgt Ion: 56	Resp: 11176
Ion Ratio	Lower Upper
56 100	
69 76.4	28.7 43.1#
84 125.9	77.7 116.5#



#33

1,2-Dichloroethane-d4

Concen: 64.716 ug/l

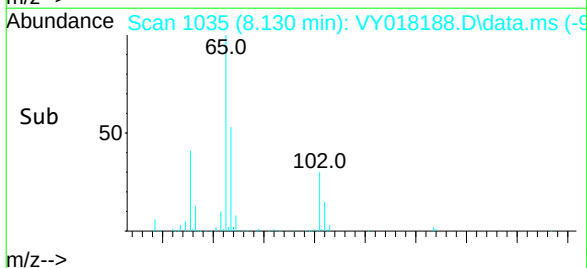
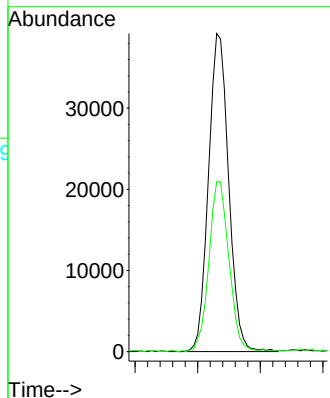
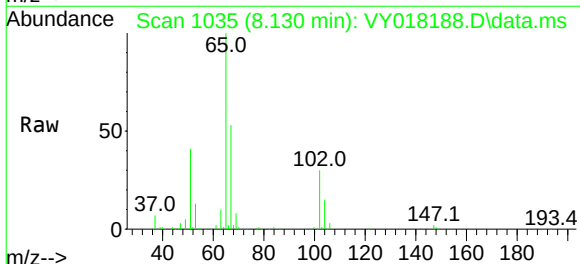
RT: 8.130 min Scan# 1035

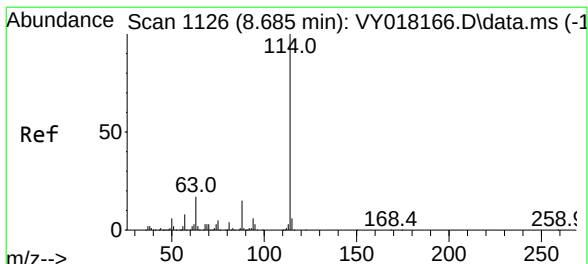
Delta R.T. -0.006 min

Lab File: VY018188.D

Acq: 08 May 2024 15:09

Tgt Ion: 65	Resp: 87737
Ion Ratio	Lower Upper
65 100	
67 53.1	0.0 109.6

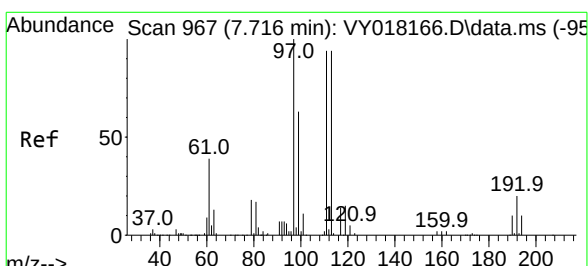
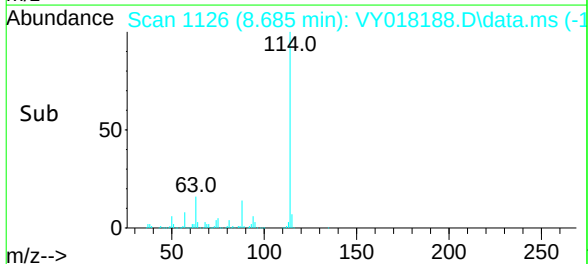
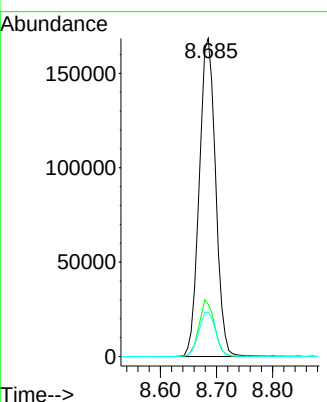
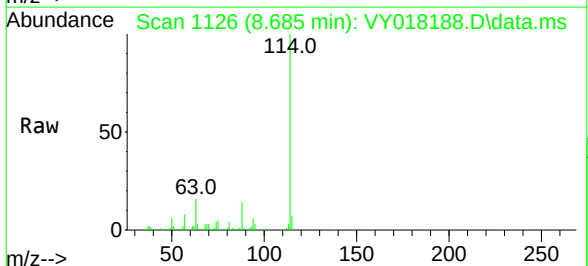




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 111
 Delta R.T. 0.000 min
 Lab File: VY018188.D
 Acq: 08 May 2024 15:09

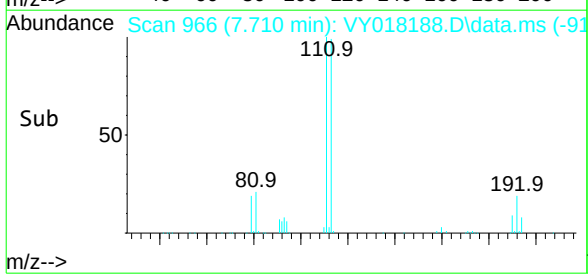
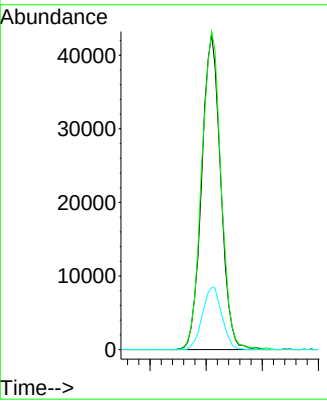
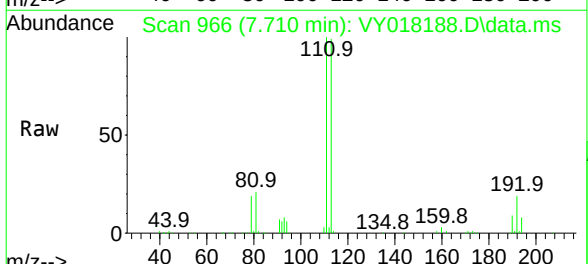
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-CC-VOC

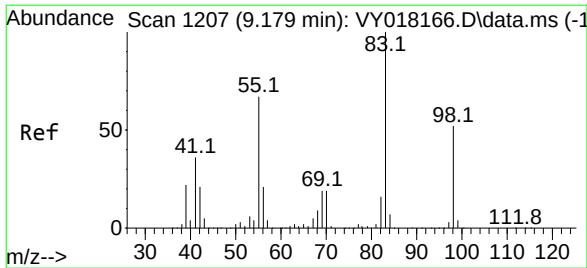
Tgt Ion:	114	Resp:	340931
Ion Ratio	Lower	Upper	
114	100		
63	16.4	0.0	35.0
88	14.0	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 56.045 ug/l
 RT: 7.710 min Scan# 966
 Delta R.T. -0.006 min
 Lab File: VY018188.D
 Acq: 08 May 2024 15:09

Tgt Ion:	113	Resp:	100419
Ion Ratio	Lower	Upper	
113	100		
111	103.1	82.2	123.4
192	20.2	15.9	23.9

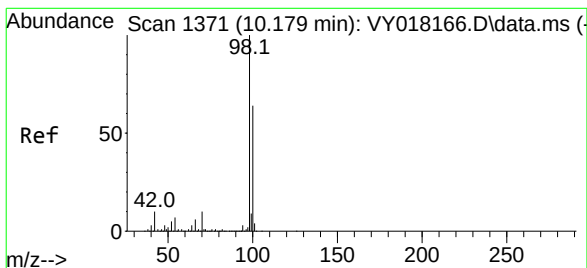
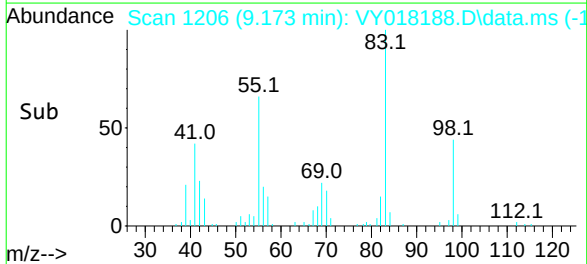
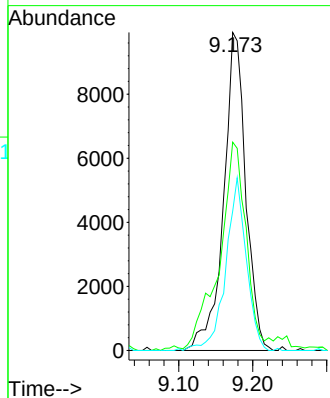
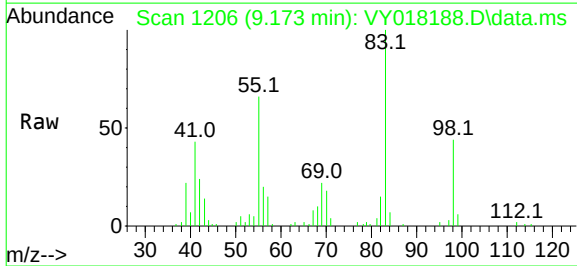




#39
Methylcyclohexane
Concen: 5.584 ug/l
RT: 9.173 min Scan# 1207
Delta R.T. -0.006 min
Lab File: VY018188.D
Acq: 08 May 2024 15:09

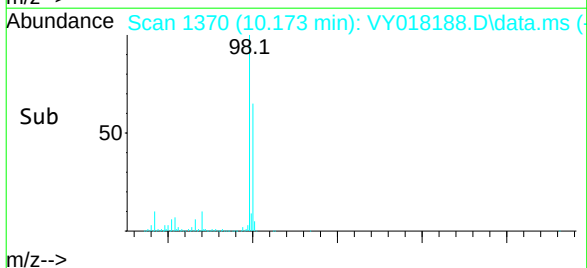
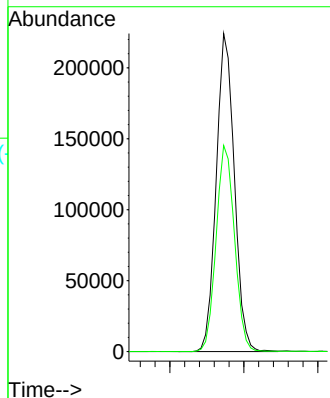
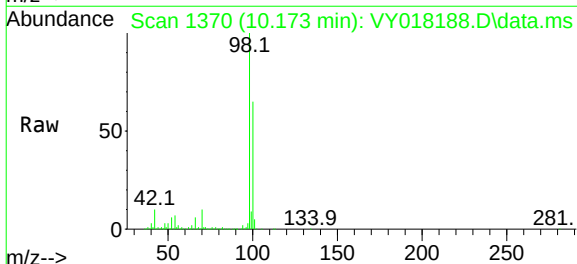
Instrument :
MSVOA_Y
ClientSampleId :
WC-CC-VOC

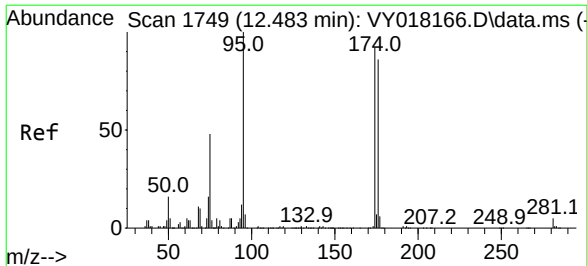
Tgt Ion:	83	Resp:	20692
Ion	Ratio	Lower	Upper
83	100		
55	64.7	51.5	77.3
98	43.2	40.5	60.7



#50
Toluene-d8
Concen: 53.986 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY018188.D
Acq: 08 May 2024 15:09

Tgt Ion:	98	Resp:	381174
Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.0	78.0





#62

4-Bromofluorobenzene

Concen: 53.469 ug/l

RT: 12.477 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VY018188.D

Acq: 08 May 2024 15:09

Instrument :

MSVOA_Y

ClientSampleId :

WC-CC-VOC

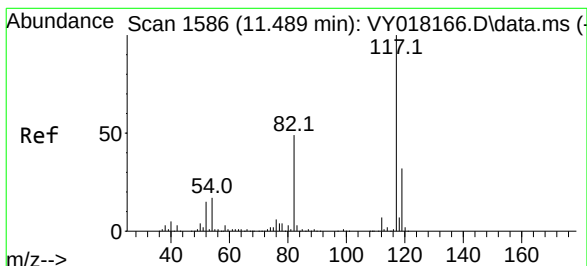
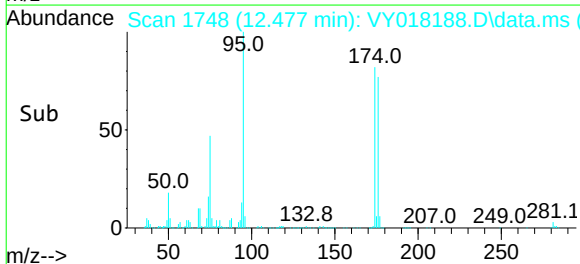
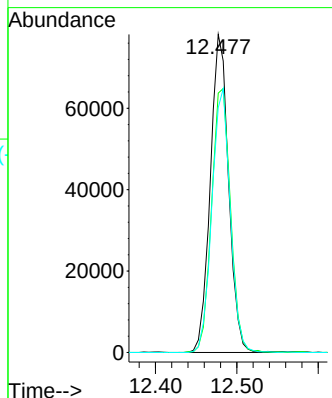
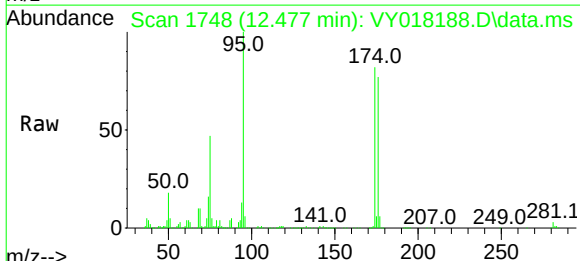
Tgt Ion: 95 Resp: 121918

Ion Ratio Lower Upper

95 100

174 85.8 0.0 175.6

176 83.4 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: VY018188.D

Acq: 08 May 2024 15:09

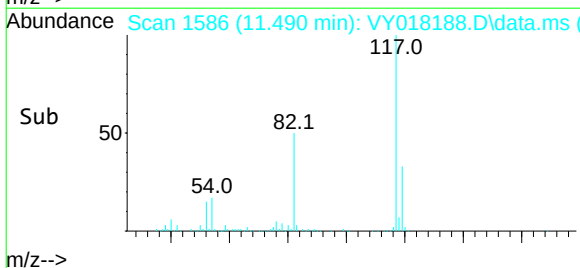
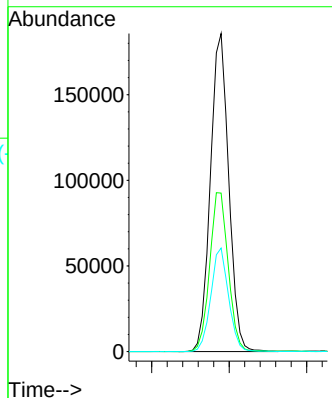
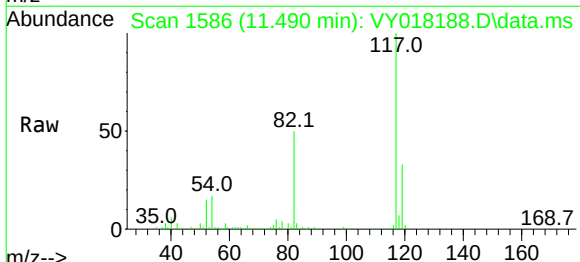
Tgt Ion: 117 Resp: 305090

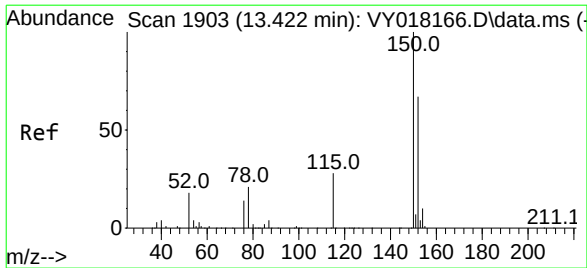
Ion Ratio Lower Upper

117 100

82 49.8 42.4 63.6

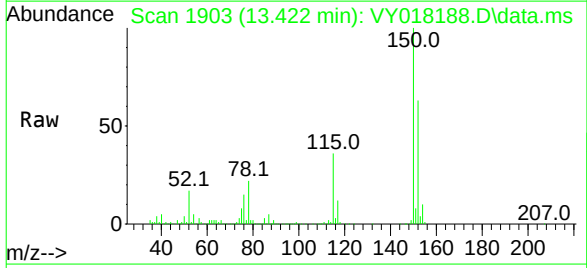
119 32.6 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: VY018188.D
 Acq: 08 May 2024 15:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-CC-VOC



Tgt Ion:	152	Resp:	124794
Ion	Ratio	Lower	Upper
152	100		
115	57.2	28.2	84.7
150	156.8	0.0	345.6

