

Data File : VV008064.D
Acq On : 04 Oct 2018 15:55
Operator : SY/MD
Sample : J5246-06
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0J74

Quant Time: Oct 05 05:22:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 05 05:20:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	85084	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	81136	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	40094	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	18855	4.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.60%
7) Chloroethane-d5	1.59	69	18284	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.80%
11) 1,1-Dichloroethene-d2	2.14	63	31951	3.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.00%
20) 2-Butanone-d5	3.96	46	74071	53.99	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.98%
24) Chloroform-d	4.41	84	51689	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	5.09	65	27771	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.10	84	97584	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
36) 1,2-Dichloropropane-d6	6.12	67	31802	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.36	98	88265	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
43) trans-1,3-Dichloropropene-	7.67	79	10626	4.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.80%
46) 2-Hexanone-d5	8.14	63	50182	48.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.16%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	23439	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	38599	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

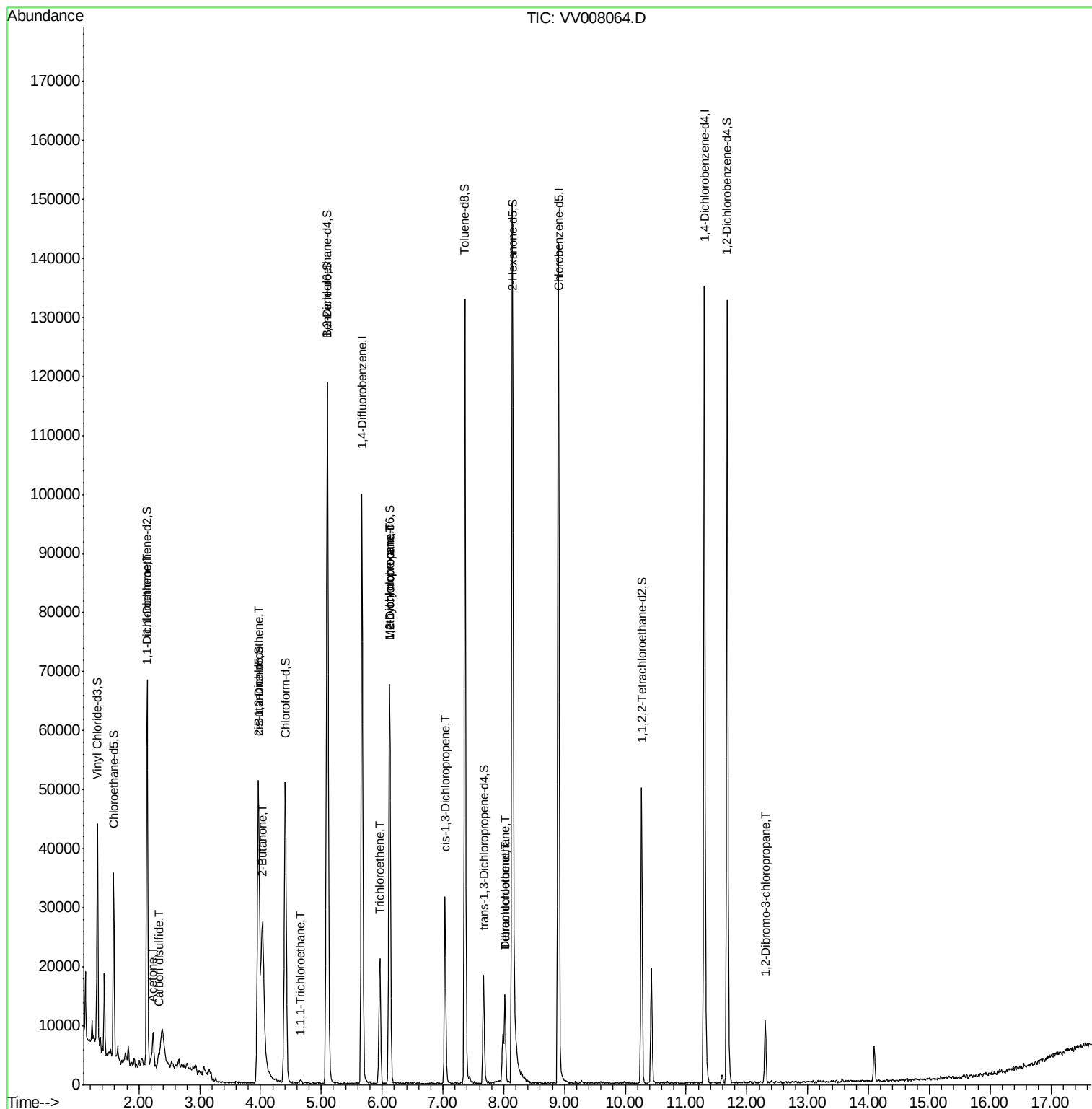
					Qvalue	
12) 1,1-Dichloroethene	2.15	96	1608	0.286	ug/L #	1
13) Acetone	2.21	43	2188	2.189	ug/L	89
14) Carbon disulfide	2.32	76	2184	0.143	ug/L #	87
21) 2-Butanone	4.04	43	2267	1.423	ug/L #	50
22) cis-1,2-Dichloroethene	3.97	96	5175	0.824	ug/L	93
29) 1,1,1-Trichloroethane	4.66	97	687	0.070	ug/L #	58
34) Trichloroethene	5.96	95	6565	0.987	ug/L	96
35) Methylcyclohexane	6.12	83	7666	0.768	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	3856	0.650	ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	746	0.094	ug/L #	55
47) Tetrachloroethene	8.02	164	3351	0.544	ug/L	94
49) Dibromochloromethane	8.02	129	2982	0.610	ug/L #	12
66) 1,2-Dibromo-3-chloropropan	12.30	75	318	0.500	ug/L #	1

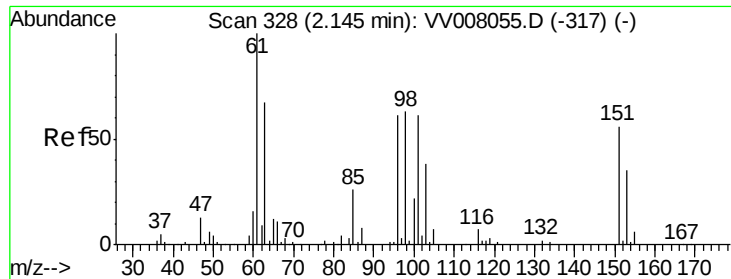
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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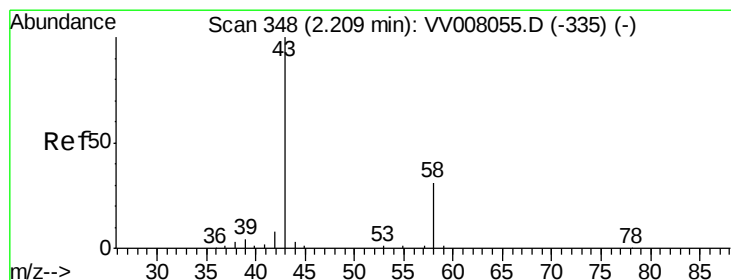
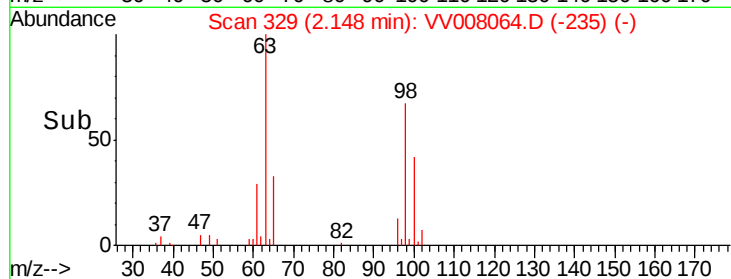
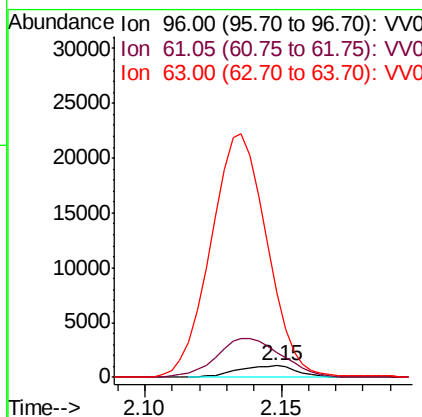
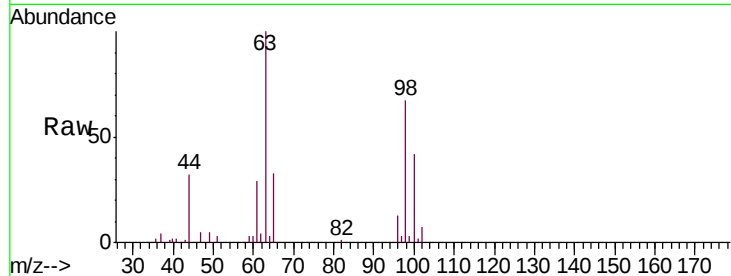




#12
 1,1-Dichloroethene
 Concen: 0.286 ug/L
 RT: 2.15 min Scan# 329
 Delta R.T. 0.00 min
 Lab File: VV008064.D
 Acq: 04 Oct 2018 15:55

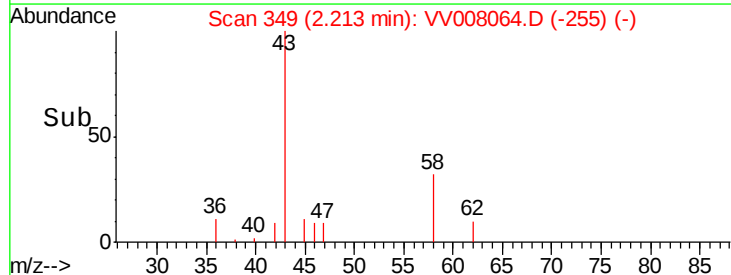
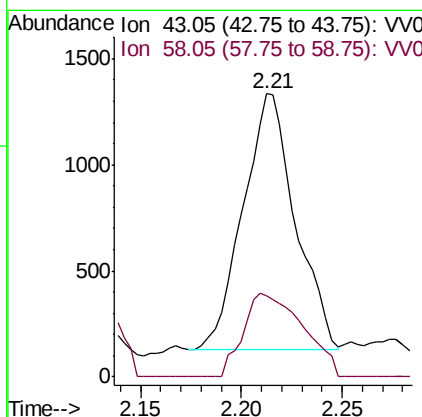
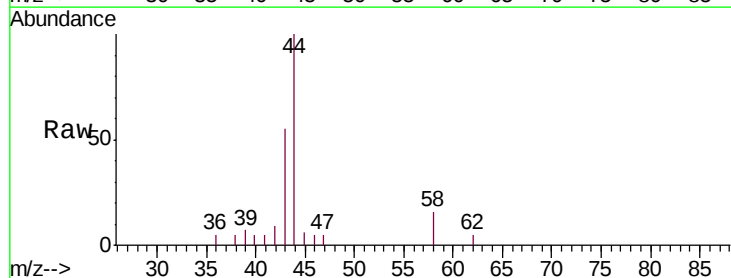
Instrument :
 MSVOA_V
 ClientSampleId :
 C0J74

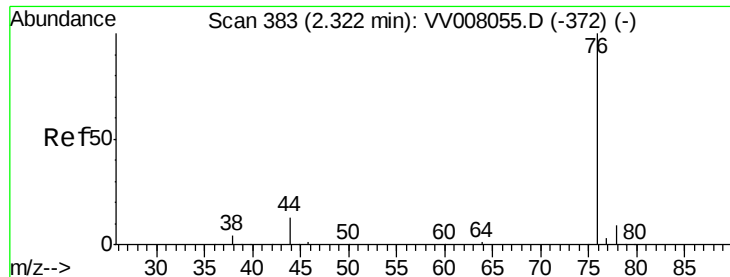
Tgt Ion: 96 Resp: 1608
 Ion Ratio Lower Upper
 96 100
 61 219.9 114.1 211.9#
 63 747.1 81.5 151.3#



#13
 Acetone
 Concen: 2.189 ug/L
 RT: 2.21 min Scan# 349
 Delta R.T. 0.00 min
 Lab File: VV008064.D
 Acq: 04 Oct 2018 15:55

Tgt Ion: 43 Resp: 2188
 Ion Ratio Lower Upper
 43 100
 58 37.1 0.0 62.0





#14

Carbon disulfide

Concen: 0.143 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VV008064.D

Acq: 04 Oct 2018 15:55

Instrument :

MSVOA_V

ClientSampleId :

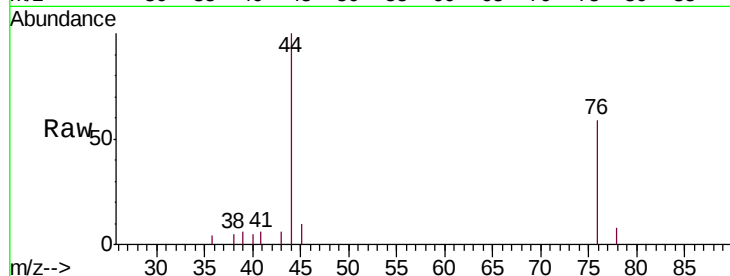
C0J74

Tgt Ion: 76 Resp: 2184

Ion Ratio Lower Upper

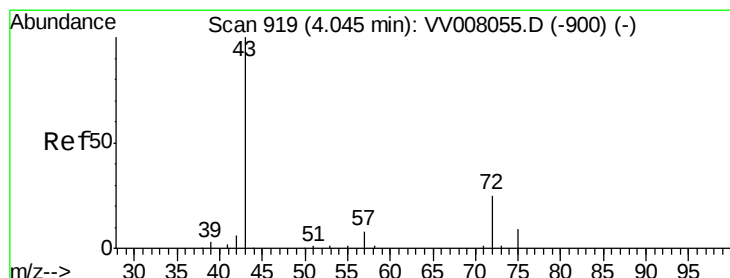
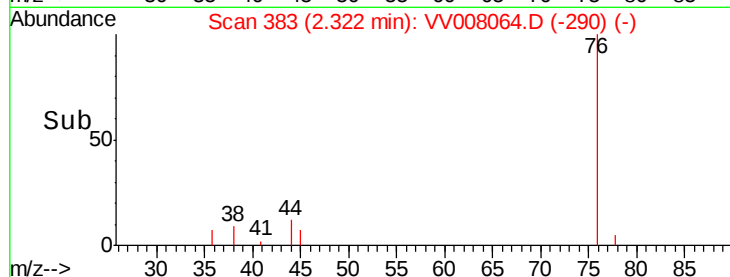
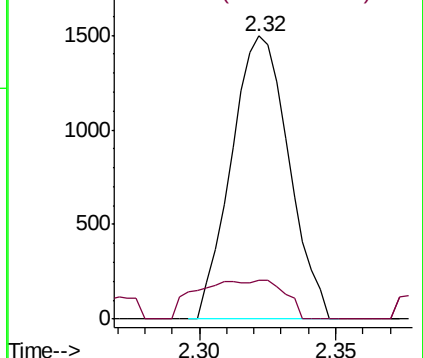
76 100

78 13.6 7.2 10.8#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0



#21

2-Butanone

Concen: 1.423 ug/L

RT: 4.04 min Scan# 918

Delta R.T. -0.00 min

Lab File: VV008064.D

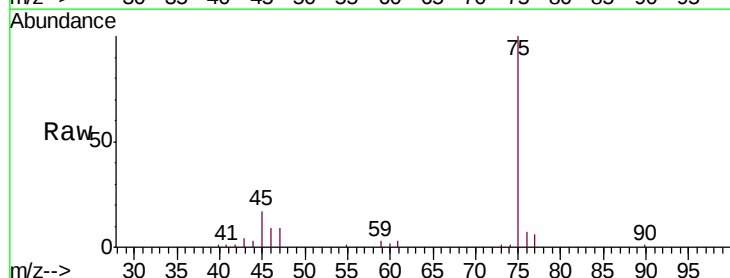
Acq: 04 Oct 2018 15:55

Tgt Ion: 43 Resp: 2267

Ion Ratio Lower Upper

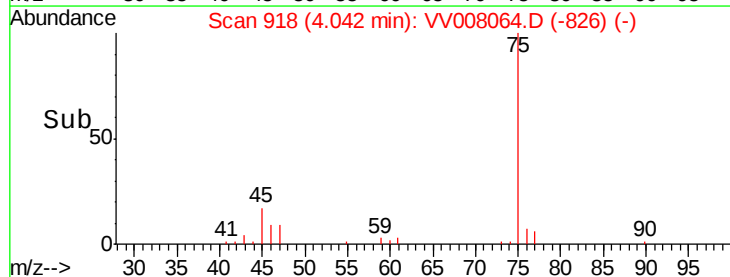
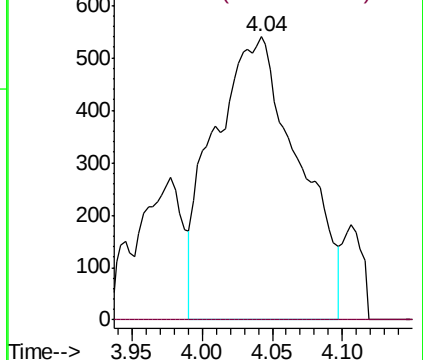
43 100

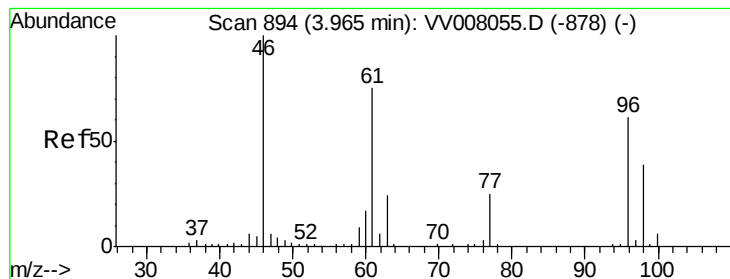
72 0.0 12.5 37.5#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0



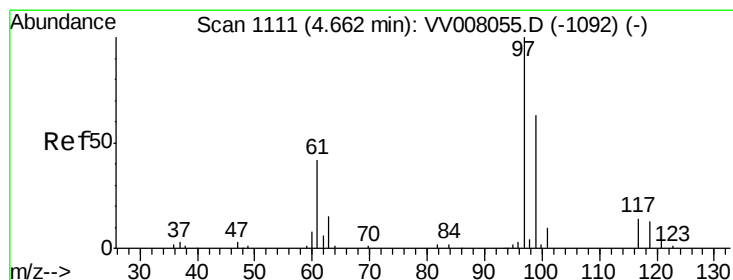
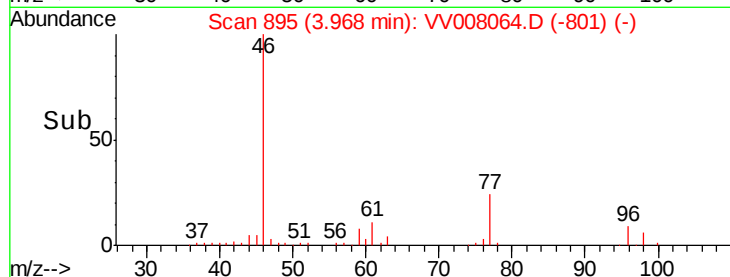
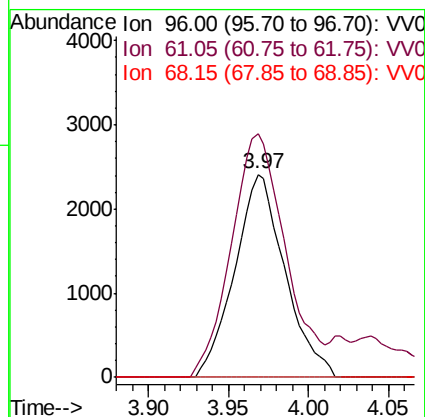
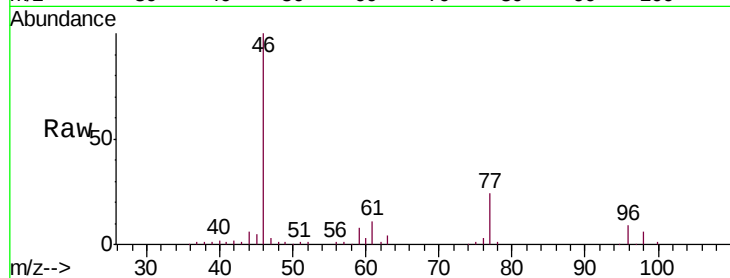


#22

cis-1,2-Dichloroethene
 Concen: 0.824 ug/L
 RT: 3.97 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: VV008064.D
 Acq: 04 Oct 2018 15:55

Instrument :
 MSVOA_V
 ClientSampleId :
 C0J74

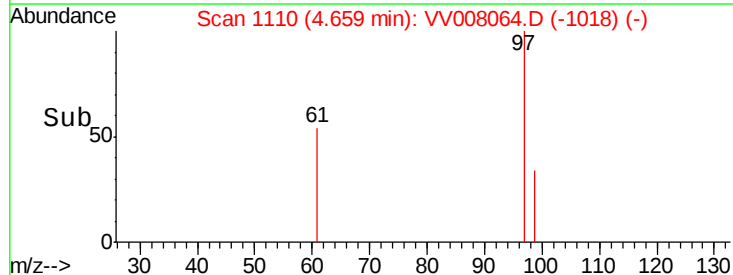
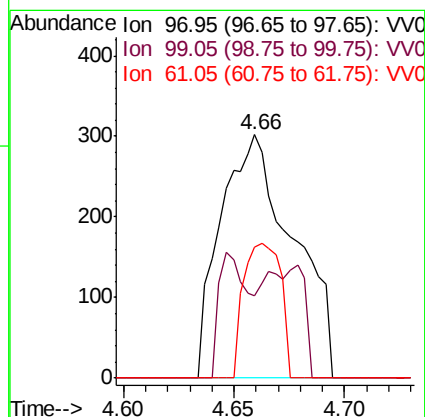
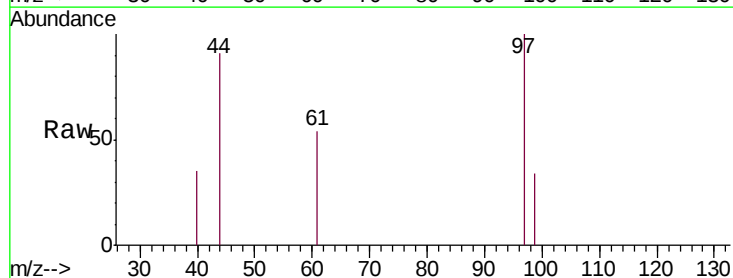
Tgt Ion: 96 Resp: 5175
 Ion Ratio Lower Upper
 96 100
 61 120.1 89.5 166.1
 68 0.0 0.0 0.0

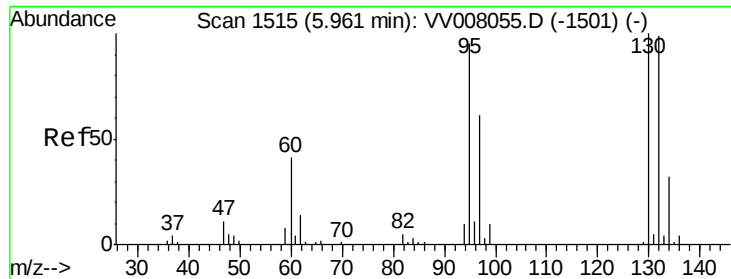


#29

1,1,1-Trichloroethane
 Concen: 0.070 ug/L
 RT: 4.66 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VV008064.D
 Acq: 04 Oct 2018 15:55

Tgt Ion: 97 Resp: 687
 Ion Ratio Lower Upper
 97 100
 99 21.1 51.2 76.8#
 61 28.5 34.6 52.0#





#34

Trichloroethene

Concen: 0.987 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV008064.D

Acq: 04 Oct 2018 15:55

Instrument :

MSVOA_V

ClientSampleId :

C0J74

Tgt Ion: 95 Resp: 6565

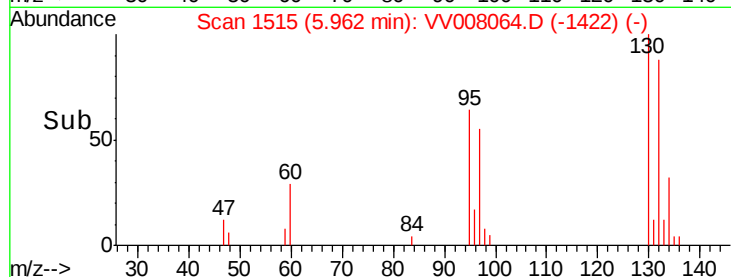
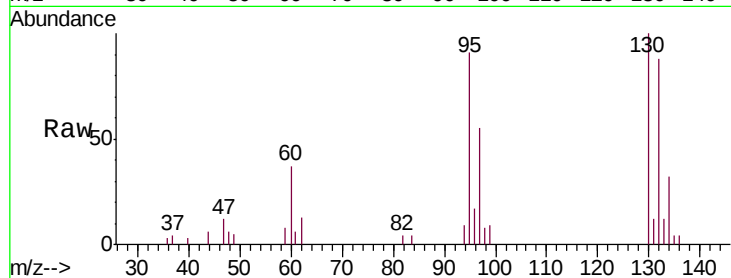
Ion Ratio Lower Upper

95 100

97 60.7 43.6 81.0

132 96.8 69.9 129.9

130 109.5 71.7 133.3

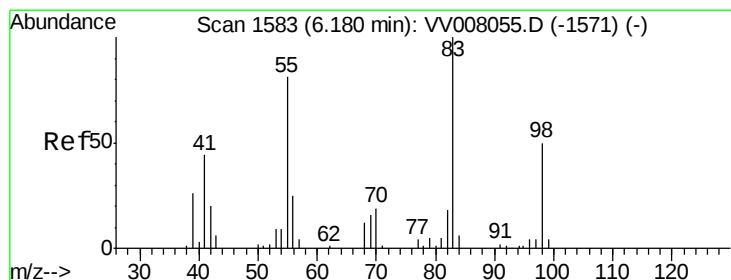
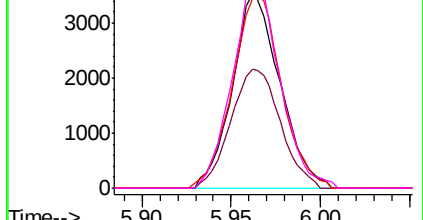


Abundance Ion 95.00 (94.70 to 95.70): VV008064.D (-1422) (-)

Ion 96.95 (96.65 to 97.65): VV008064.D (-1422) (-)

Ion 131.95 (131.65 to 132.65): VV008064.D (-1422) (-)

Ion 129.95 (129.65 to 130.65): VV008064.D (-1422) (-)



#35

Methylcyclohexane

Concen: 0.768 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.06 min

Lab File: VV008064.D

Acq: 04 Oct 2018 15:55

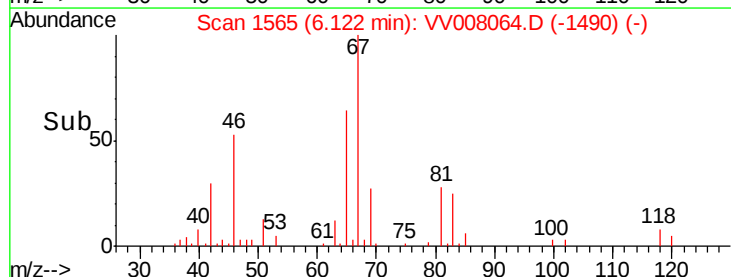
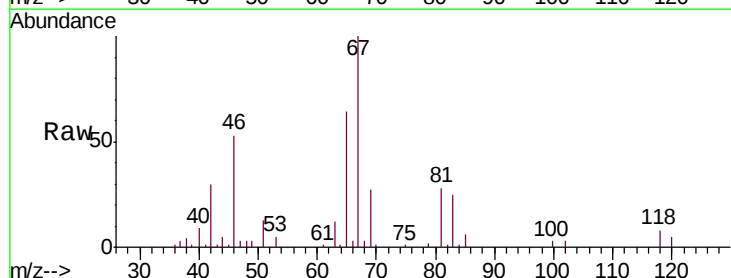
Tgt Ion: 83 Resp: 7666

Ion Ratio Lower Upper

83 100

55 0.0 62.2 93.2#

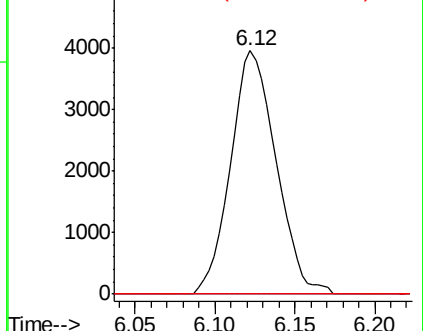
98 1.4 38.0 57.0#

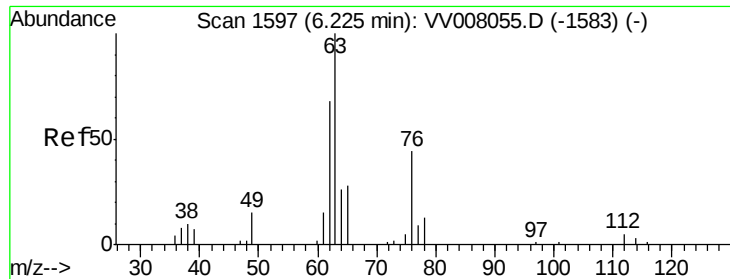


Abundance Ion 83.15 (82.85 to 83.85): VV008064.D (-1490) (-)

Ion 55.10 (54.80 to 55.80): VV008064.D (-1490) (-)

Ion 98.15 (97.85 to 98.85): VV008064.D (-1490) (-)





#37

1,2-Dichloropropane

Concen: 0.650 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.10 min

Lab File: VV008064.D

Acq: 04 Oct 2018 15:55

Instrument :

MSVOA_V

ClientSampleId :

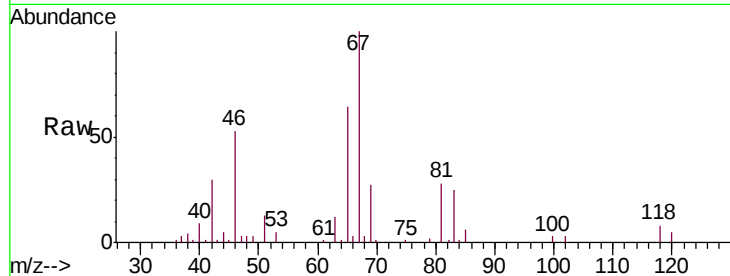
C0J74

Tgt Ion: 63 Resp: 3856

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV008055.D (-1583) (-)

Ion 112.10 (111.80 to 112.80): VV008055.D (-1583) (-)

6.12

2000

1500

1000

500

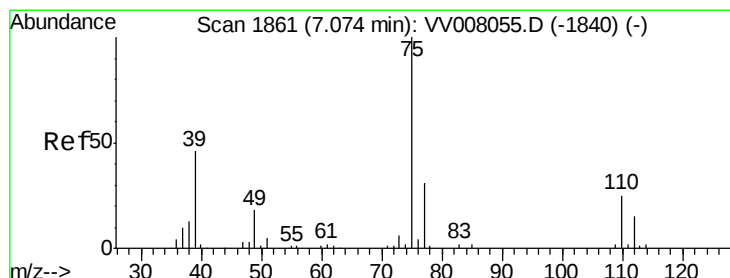
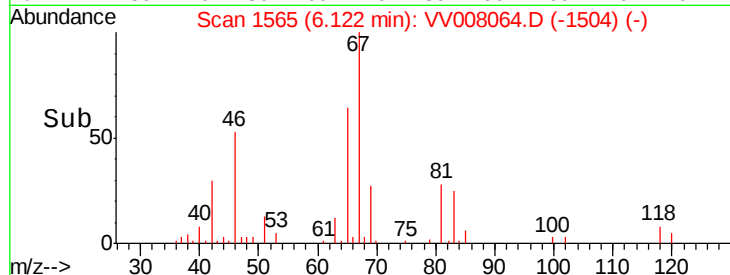
0

6.05

6.10

6.15

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV008064.D

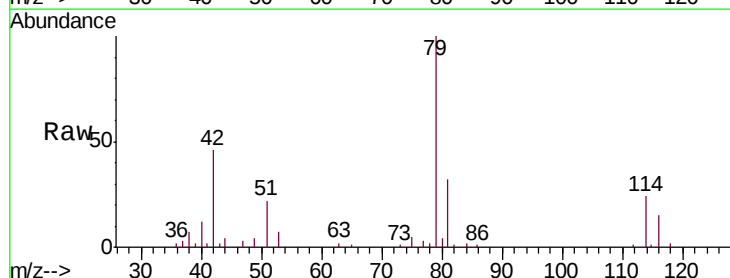
Acq: 04 Oct 2018 15:55

Tgt Ion: 75 Resp: 746

Ion Ratio Lower Upper

75 100

77 57.9 22.9 42.5#



Abundance Ion 75.05 (74.75 to 75.75): VV008055.D (-1840) (-)

Ion 77.05 (76.75 to 77.75): VV008055.D (-1840) (-)

7.04

500

400

300

200

100

0

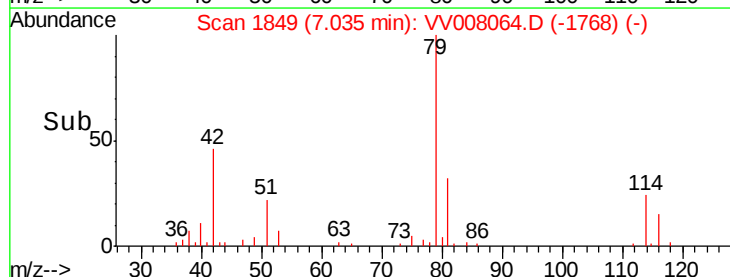
7.00

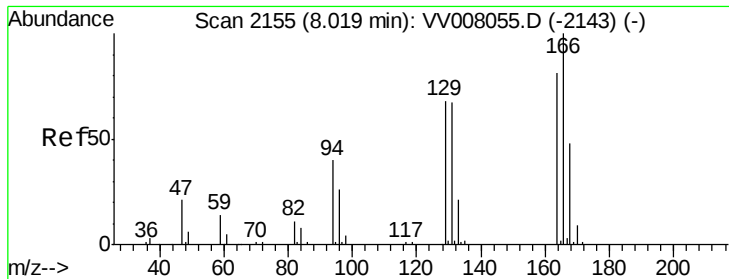
7.02

7.04

7.06

Time-->





#47

Tetrachloroethene

Concen: 0.544 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV008064.D

Acq: 04 Oct 2018 15:55

Instrument :

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ClientSampleId :

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Tgt Ion:164 Resp: 3351

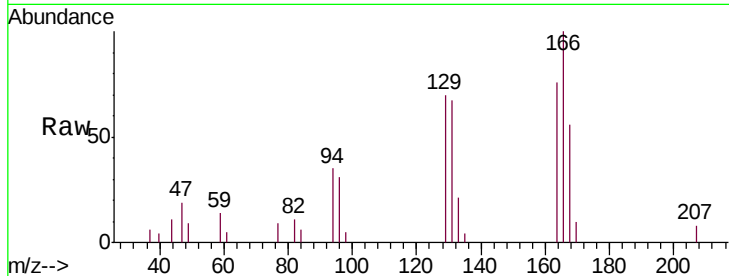
Ion Ratio Lower Upper

164 100

129 92.4 59.2 110.0

131 88.4 57.1 106.1

166 131.2 88.6 164.6

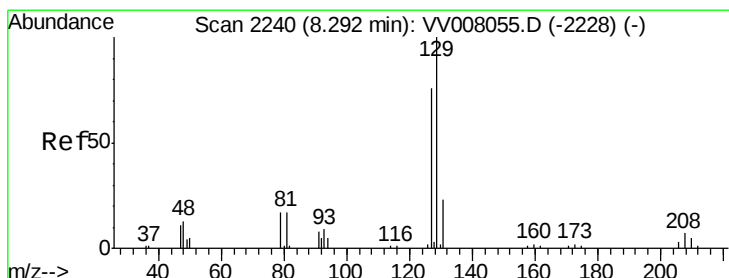
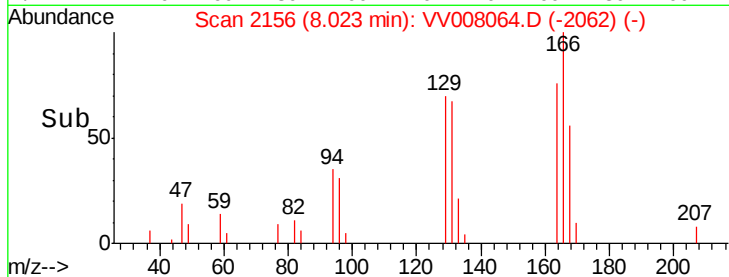
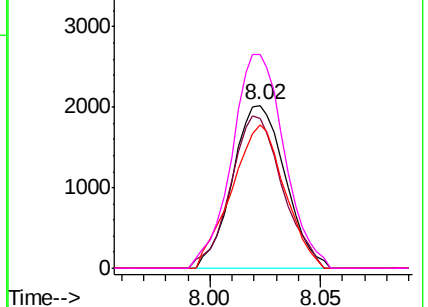


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#49

Dibromochloromethane

Concen: 0.610 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.27 min

Lab File: VV008064.D

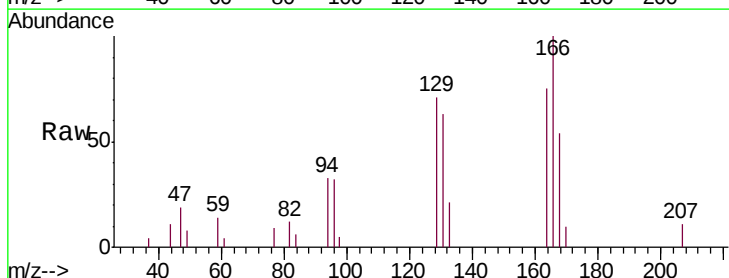
Acq: 04 Oct 2018 15:55

Tgt Ion:129 Resp: 2982

Ion Ratio Lower Upper

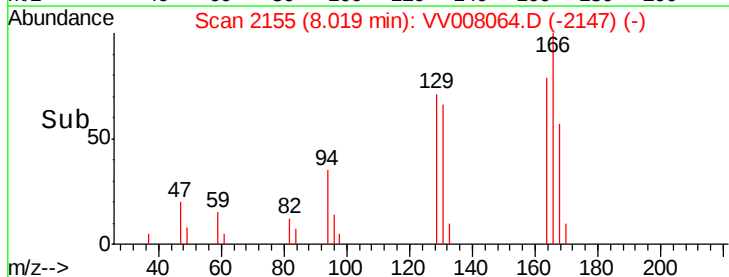
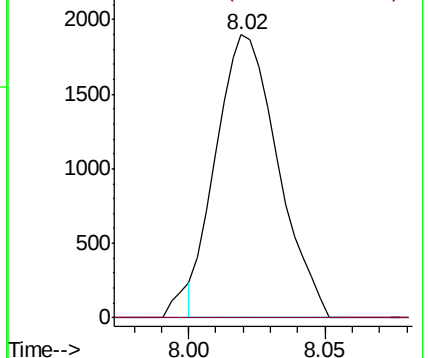
129 100

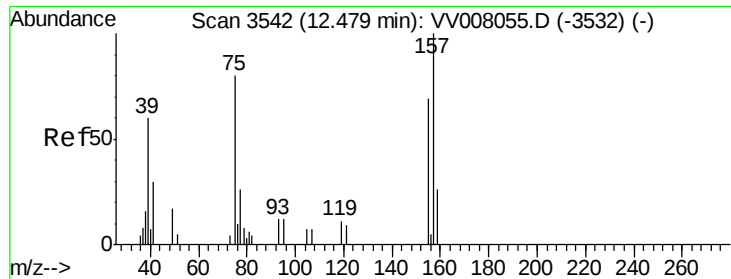
127 0.0 53.1 98.5#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V





#66

1,2-Dibromo-3-chloropropane

Concen: 0.500 ug/L

RT: 12.30 min Scan# 3487

Delta R.T. -0.18 min

Lab File: VV008064.D

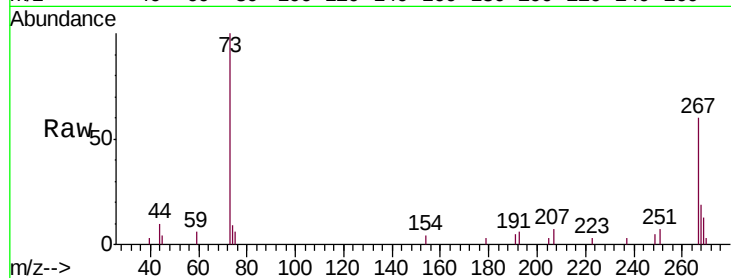
Acq: 04 Oct 2018 15:55

Instrument :

MSVOA_V

ClientSampleId :

C0J74



Tgt Ion:	75	Resp:	318
Ion	Ratio	Lower	Upper
75	100		
155	0.0	83.4	125.2#
157	0.0	93.9	140.9#

