

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082818\
 Data File : VV007243.D
 Acq On : 29 Aug 2018 00:57
 Operator : SY/MD
 Sample : J4647-10MSD
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAB74MSD

Quant Time: Aug 29 04:46:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082818WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 29 04:00:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	223701	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	217495	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	81468	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	72041	4.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.80%
7) Chloroethane-d5	1.58	69	63184	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.80%
11) 1,1-Dichloroethene-d2	2.13	63	133926	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.40%
20) 2-Butanone-d5	3.97	46	212823	53.68	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.36%
24) Chloroform-d	4.40	84	157042	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.09	65	81503	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
32) Benzene-d6	5.10	84	287325	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.12	67	100115	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.37	98	204888	3.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.20%
43) trans-1,3-Dichloropropene-	7.67	79	31459	4.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
46) 2-Hexanone-d5	8.15	63	91668	48.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.58%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	77905	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	74621	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%

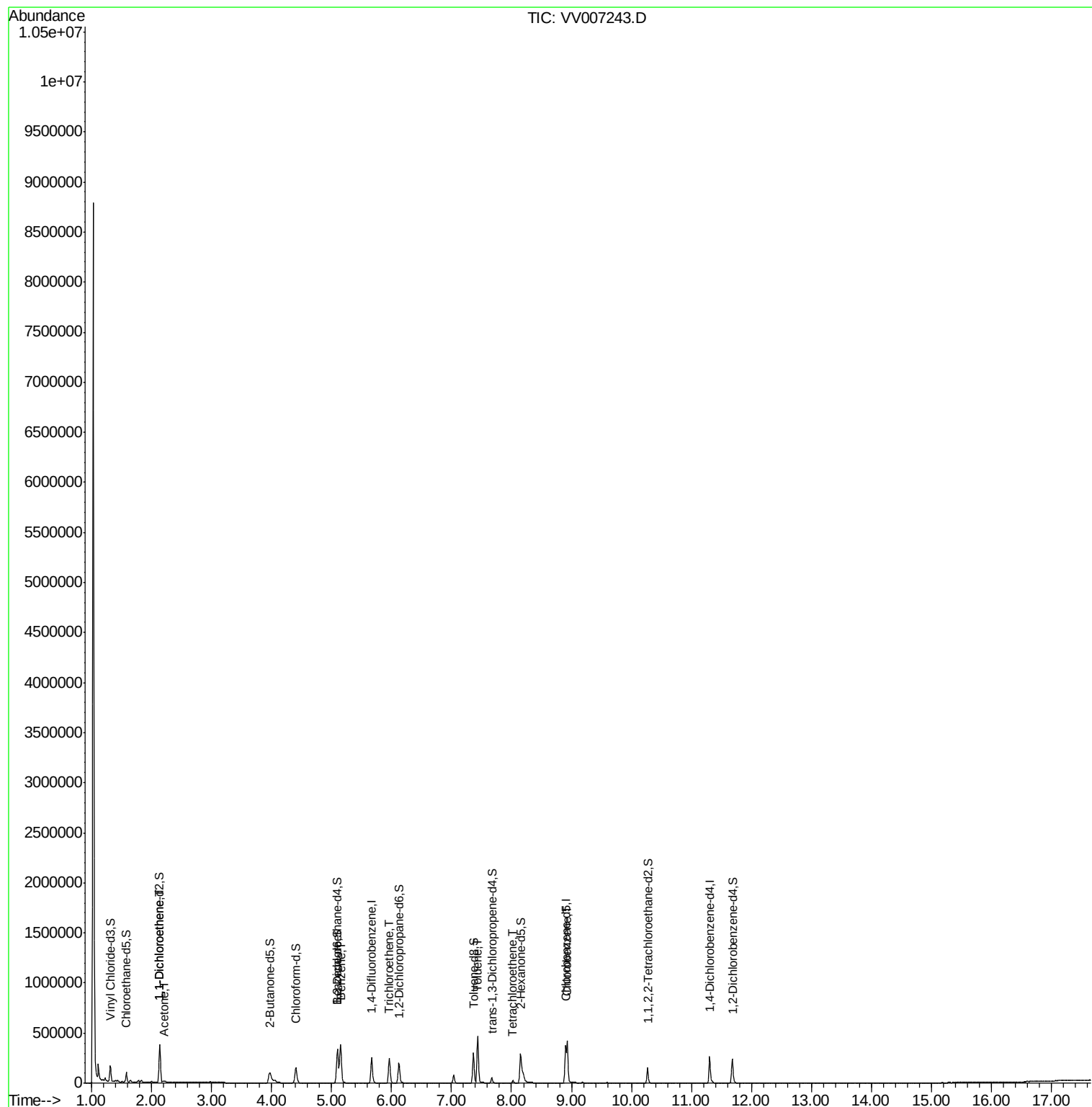
Target Compounds						Ovalue
12) 1,1-Dichloroethene	2.14	96	82828	6.12	ug/L	97
13) Acetone	2.21	43	17762	8.93	ug/L	95
33) Benzene	5.15	78	387165	6.01	ug/L	100
34) Trichloroethene	5.96	95	88383	5.44	ug/L	99
42) Toluene	7.44	91	347100	5.49	ug/L	99
47) Tetrachloroethene	8.02	164	5457	0.41	ug/L	95
51) Chlorobenzene	8.93	112	233568	5.43	ug/L	100

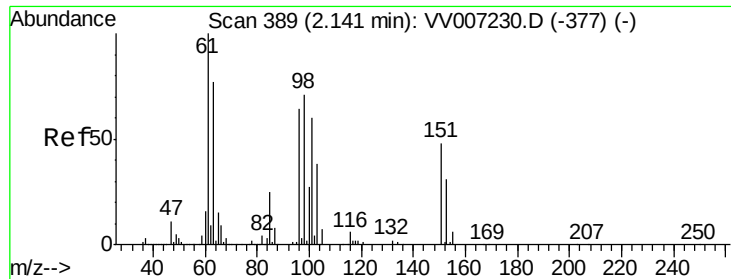
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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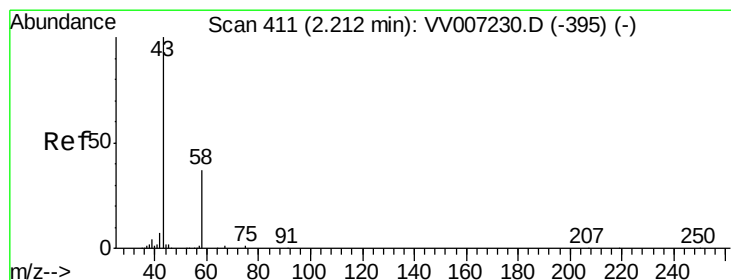
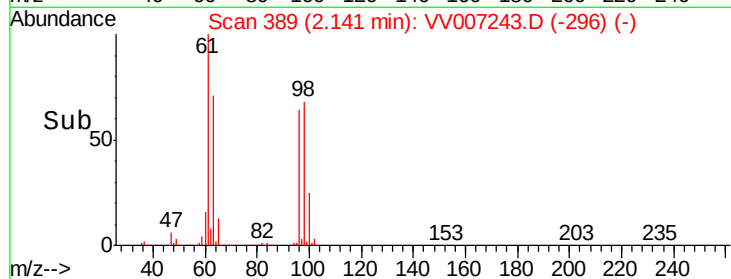
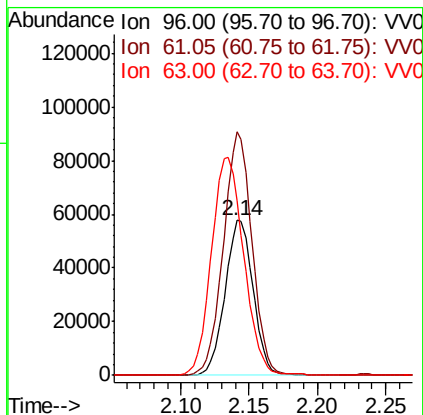
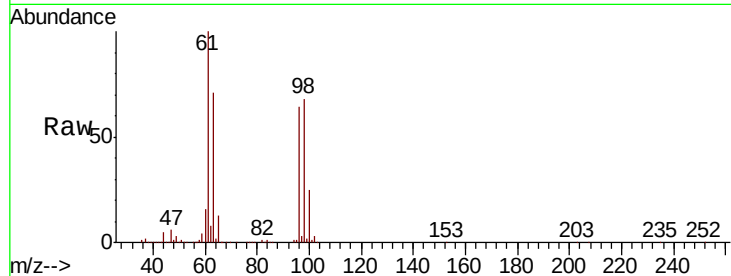




#12
 1,1-Dichloroethene
 Concen: 6.12 ug/L
 RT: 2.14 min Scan# 389
 Delta R.T. 0.00 min
 Lab File: VV007243.D
 Acq: 29 Aug 2018 00:57

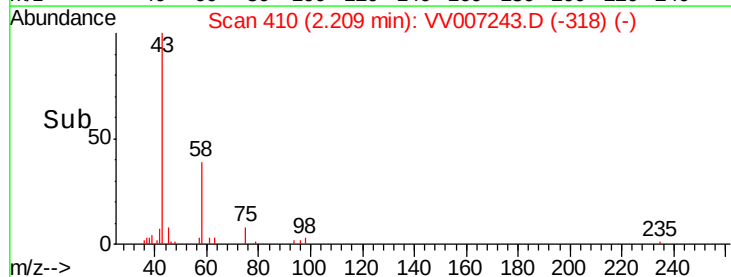
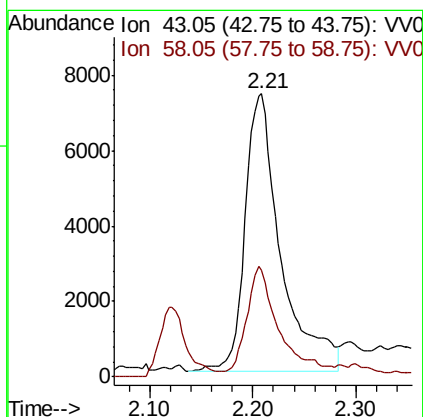
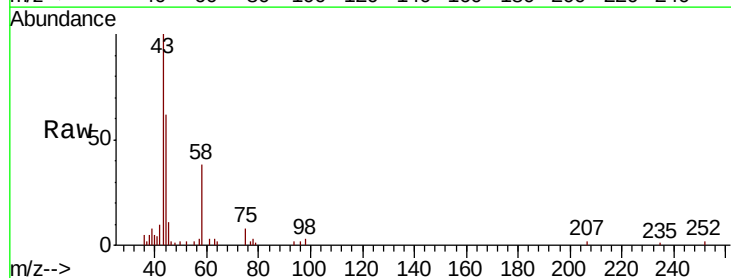
Instrument :
 MSVOA_V
 ClientSampleId :
 GAB74MSD

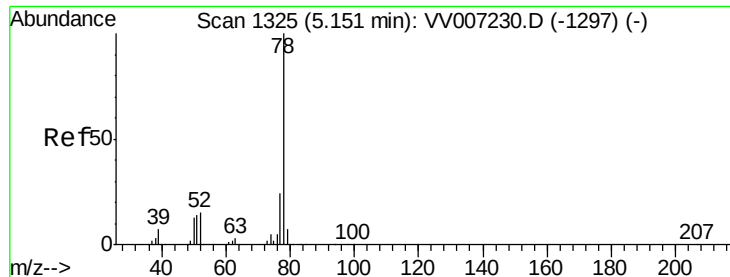
Tot Ion: 96 Resp: 82828
 Ion Ratio Lower Upper
 96 100
 61 157.4 112.3 208.5
 63 112.4 75.4 140.0



#13
 Acetone
 Concen: 8.93 ug/L
 RT: 2.21 min Scan# 410
 Delta R.T. -0.00 min
 Lab File: VV007243.D
 Acq: 29 Aug 2018 00:57

Tgt Ion: 43 Resp: 17762
 Ion Ratio Lower Upper
 43 100
 58 32.3 0.0 70.2





#33

Benzene

Concen: 6.01 ug/L

RT: 5.15 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VV007243.D

Acq: 29 Aug 2018 00:57

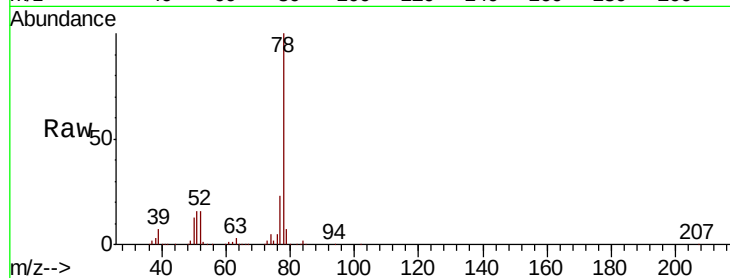
Instrument :

MSVOA_V

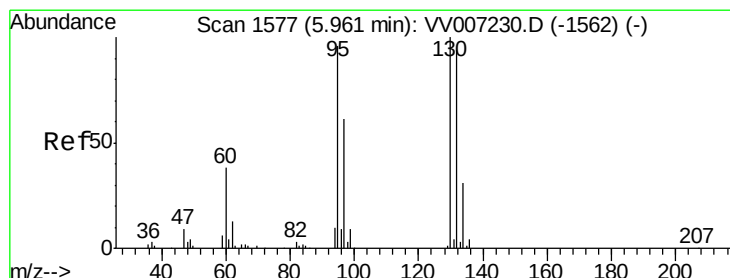
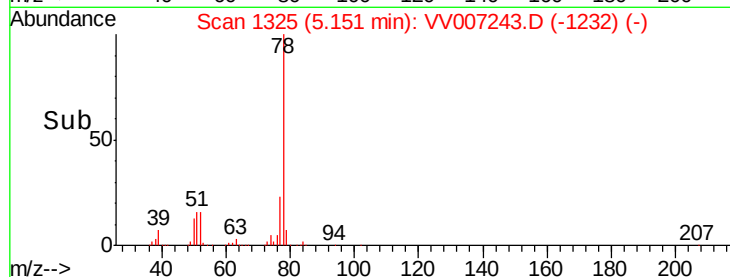
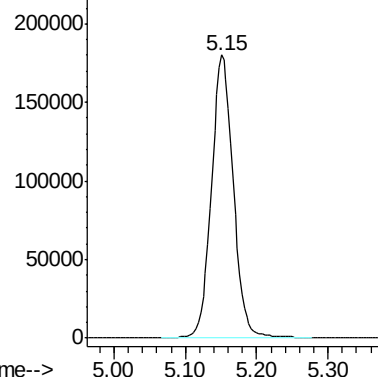
ClientSampleId :

GAB74MSD

Tgt Ion: 78 Resp: 387165



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 5.44 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV007243.D

Acq: 29 Aug 2018 00:57

Tgt Ion: 95 Resp: 88383

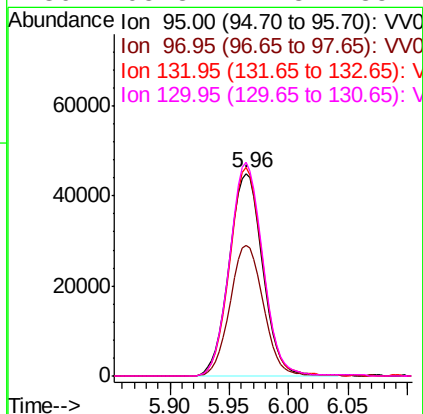
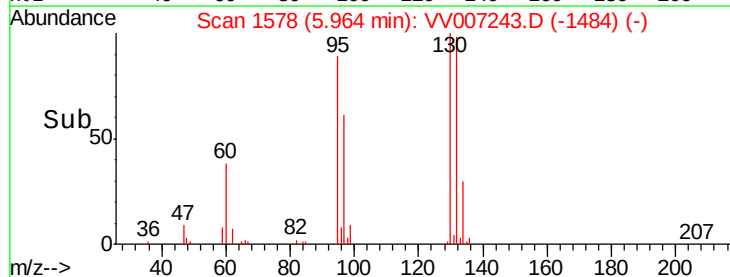
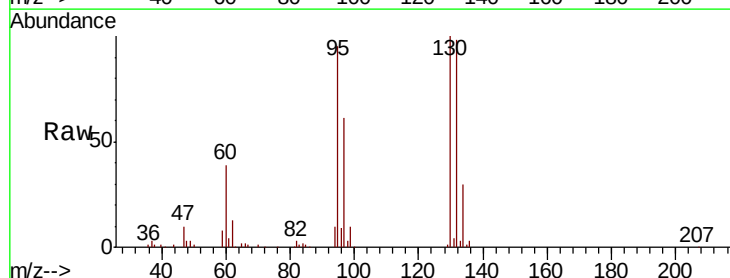
Ion	Ratio	Lower	Upper
95	100		
97	64.5	44.2	82.2
132	102.8	71.3	132.3
130	105.3	72.8	135.2

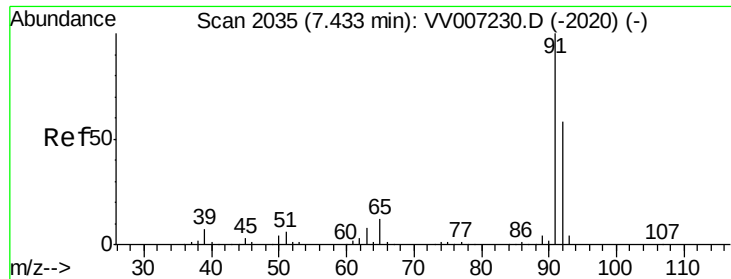
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V





#42

Toluene

Concen: 5.49 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VV007243.D

Acq: 29 Aug 2018 00:57

Instrument :

MSVOA_V

ClientSampleId :

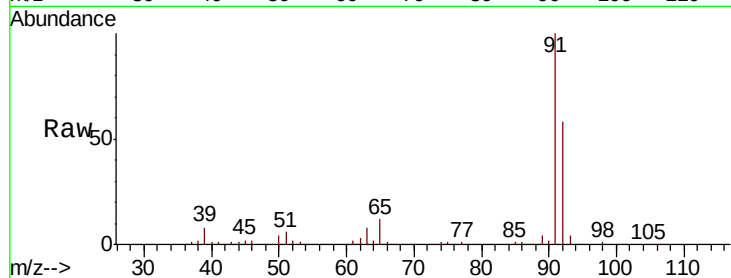
GAB74MSD

Tot Ion: 91 Resp: 347100

Ion Ratio Lower Upper

91 100

92 58.0 41.1 76.3



Abundance Ion 91.15 (90.85 to 91.85): VV007230.D (-2020) (-)

Ion 92.15 (91.85 to 92.85): VV007230.D (-2020) (-)

7.44

200000

150000

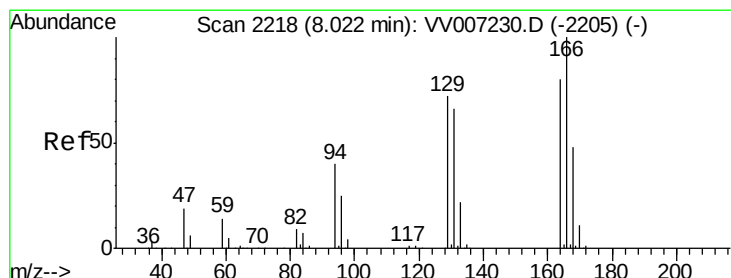
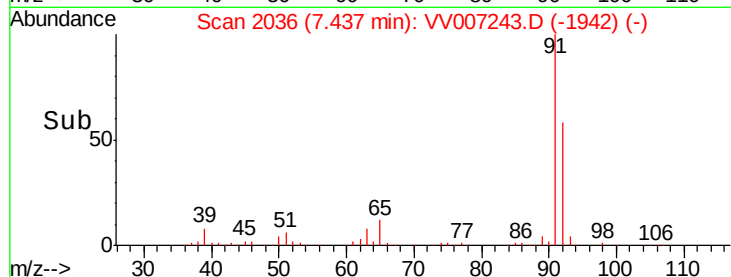
100000

50000

0

7.40 7.50

Time-->



#47

Tetrachloroethene

Concen: 0.41 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VV007243.D

Acq: 29 Aug 2018 00:57

Tgt Ion:164 Resp: 5457

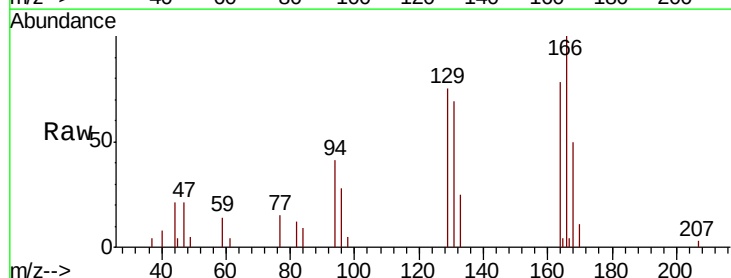
Ion Ratio Lower Upper

164 100

129 96.8 62.7 116.5

131 88.3 60.1 111.7

166 128.8 86.4 160.4



Abundance Ion 163.90 (163.60 to 164.60): VV007230.D (-2205) (-)

Ion 128.95 (128.65 to 129.65): VV007230.D (-2205) (-)

Ion 130.95 (130.65 to 131.65): VV007230.D (-2205) (-)

Ion 165.90 (165.60 to 166.60): VV007230.D (-2205) (-)

8.02

6000

5000

4000

3000

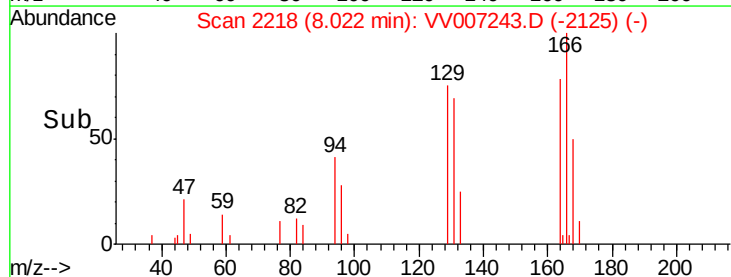
2000

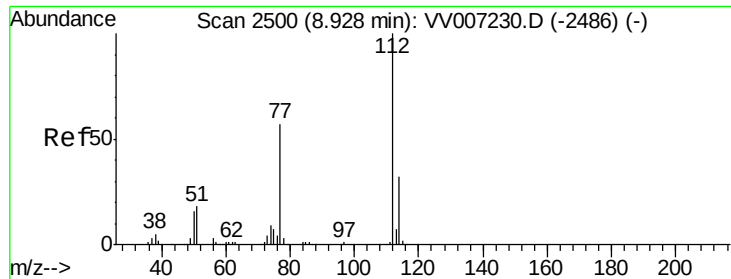
1000

0

8.00 8.05

Time-->

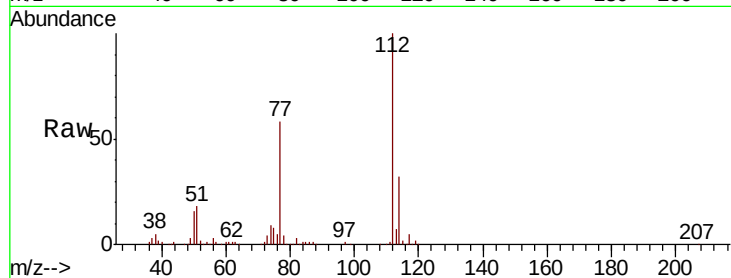




#51
 Chlorobenzene
 Concen: 5.43 ug/L
 RT: 8.93 min Scan# 2501
 Delta R.T. 0.00 min
 Lab File: VV007243.D
 Acq: 29 Aug 2018 00:57

Instrument :
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Tot Ion:	112	Resp:	233568
Ion	Ratio	Lower	Upper
112	100		
114	31.6	22.0	41.0
77	57.5	45.9	68.9



Abundance Ion 112.10 (111.80 to 112.80): V
 Ion 114.05 (113.75 to 114.75): V
 Ion 77.10 (76.80 to 77.80): VV0

