

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052720\
 Data File : VV016224.D
 Acq On : 27 May 2020 13:38
 Operator : SY/MD
 Sample : L2754-12MS
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAX99MS

Quant Time: May 28 03:04:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 28 01:17:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	127377	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	123088	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	56563	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	29504	3.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.20%
7) Chloroethane-d5	1.58	69	27225	3.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.80%
11) 1,1-Dichloroethene-d2	2.13	63	58682	3.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.40%
20) 2-Butanone-d5	3.94	46	86116	42.44	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.88%
24) Chloroform-d	4.38	84	62018	3.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.20%
26) 1,2-Dichloroethane-d4	5.06	65	34167	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.20%
32) Benzene-d6	5.08	84	119230	3.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.20%
36) 1,2-Dichloropropane-d6	6.10	67	37337	3.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.20%
41) Toluene-d8	7.34	98	108455	3.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.60%
45) trans-1,3-Dichloropropene-	7.65	79	12625	3.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.80%
48) 2-Hexanone-d5	8.12	63	62359	38.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.34%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	26775	3.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	38935	4.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.40%

Target Compounds

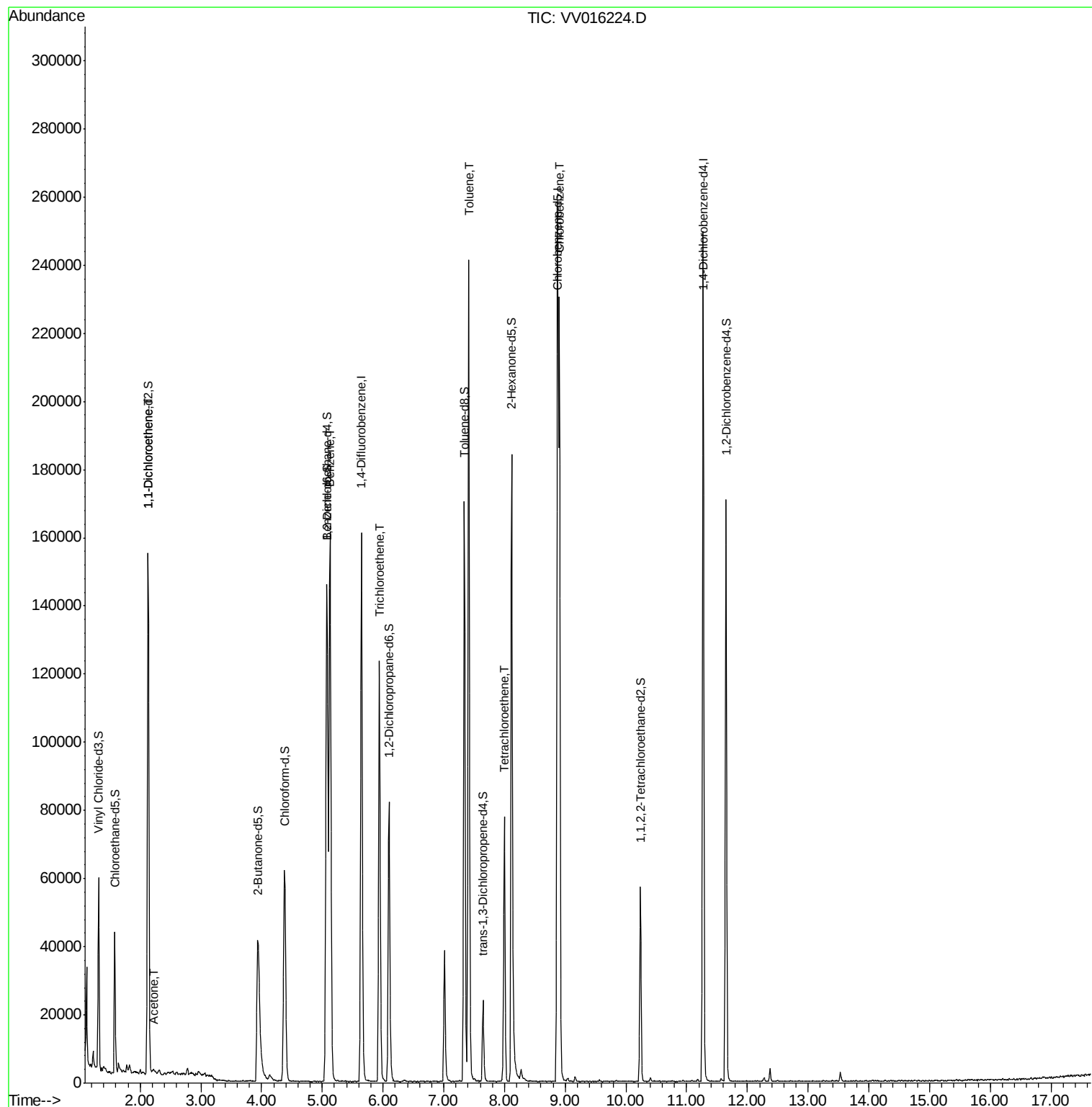
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.14	96	29713	3.955	ug/L	90
13) Acetone	2.22	43	2511	1.999	ug/L	94
33) Benzene	5.13	78	154994	4.376	ug/L	100
34) Trichloroethene	5.94	95	43114	4.672	ug/L	97
42) Toluene	7.41	91	166435	4.309	ug/L	98
49) Tetrachloroethene	8.00	164	15277	2.306	ug/L	93
53) Chlorobenzene	8.90	112	108717	4.555	ug/L	98

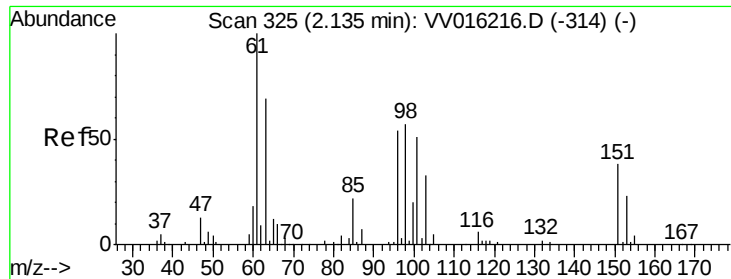
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV052720\
Data File : VV016224.D
Acq On : 27 May 2020 13:38
Operator : SY/MD
Sample : L2754-12MS
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAX99MS

Quant Time: May 28 03:04:24 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 28 01:17:22 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 3.955 ug/L

RT: 2.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VV016224.D

Acq: 27 May 2020 13:38

Instrument :

MSVOA_V

ClientSampleId :

GAX99MS

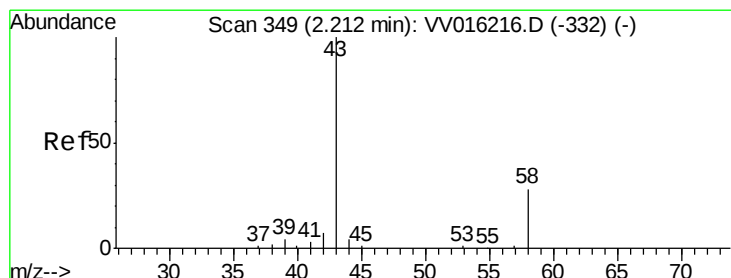
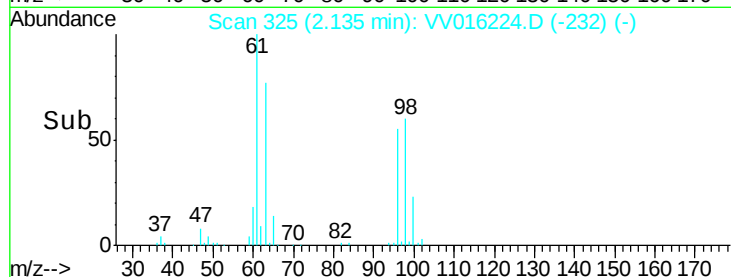
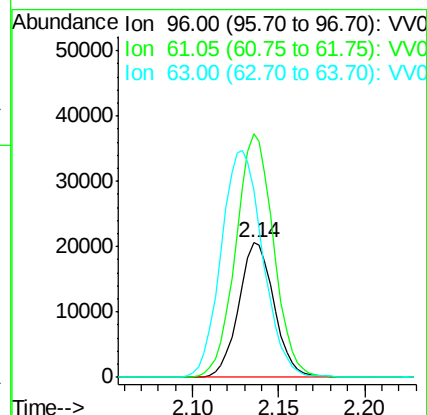
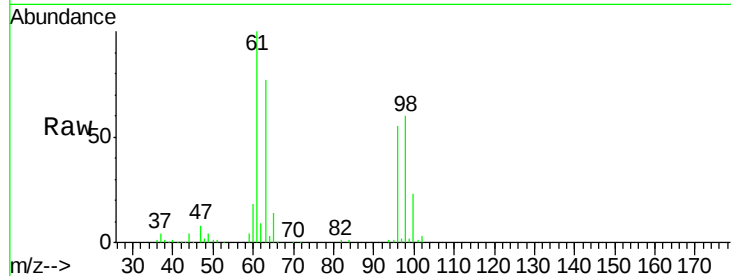
Tot Ion: 96 Resp: 29713

Ion Ratio Lower Upper

96 100

61 181.0 124.9 231.9

63 139.6 80.4 149.2



#13

Acetone

Concen: 1.999 ug/L

RT: 2.22 min Scan# 352

Delta R.T. 0.01 min

Lab File: VV016224.D

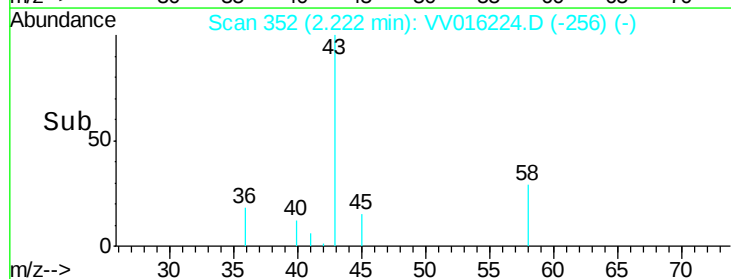
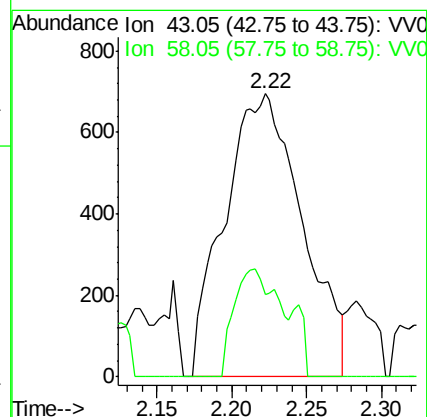
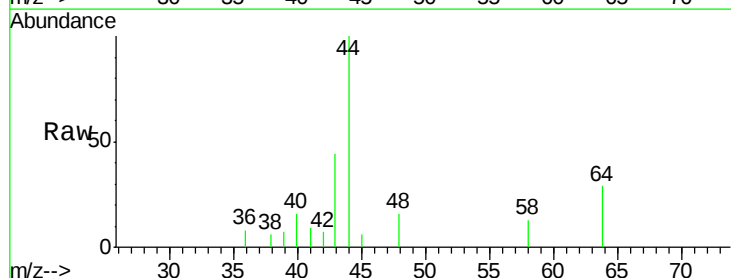
Acq: 27 May 2020 13:38

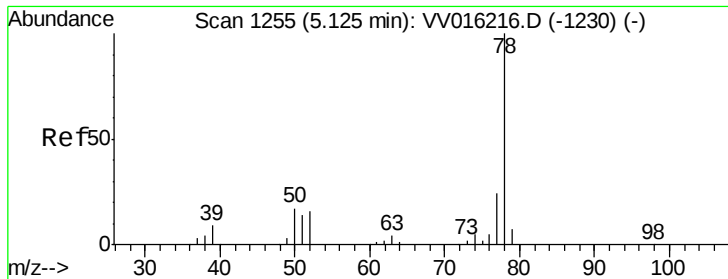
Tgt Ion: 43 Resp: 2511

Ion Ratio Lower Upper

43 100

58 21.5 0.0 48.8





#33

Benzene

Concen: 4.376 ug/L

RT: 5.13 min Scan# 1255

Delta R.T. 0.00 min

Lab File: VV016224.D

Acq: 27 May 2020 13:38

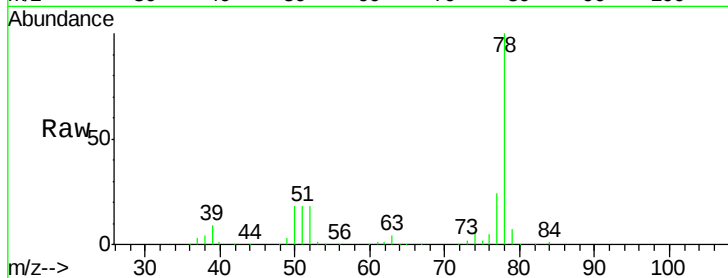
Instrument :

MSVOA_V

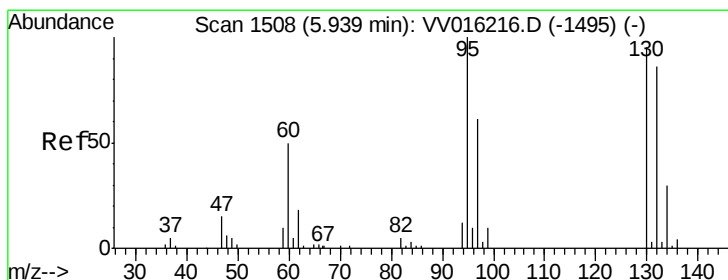
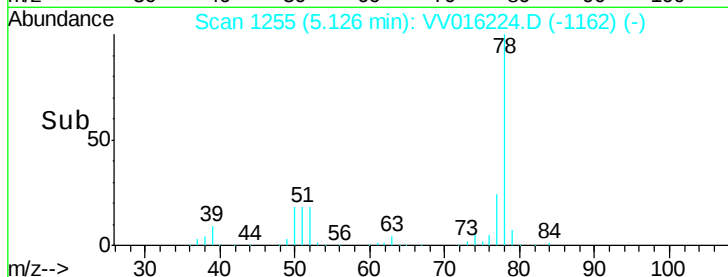
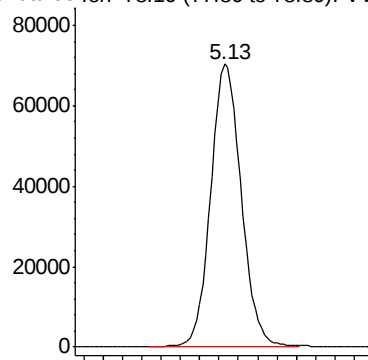
ClientSampleId :

GAX99MS

Tgt Ion: 78 Resp: 154994



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 4.672 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV016224.D

Acq: 27 May 2020 13:38

Tgt Ion: 95 Resp: 43114

Ion	Ratio	Lower	Upper
95	100		
97	63.5	43.6	81.0
132	86.1	63.9	118.7
130	92.7	65.2	121.0

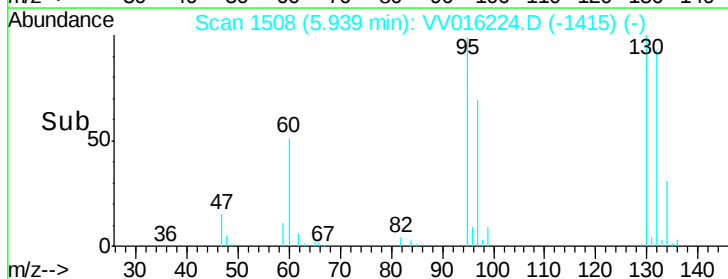
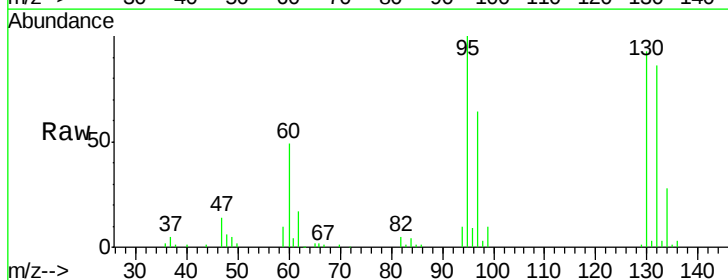
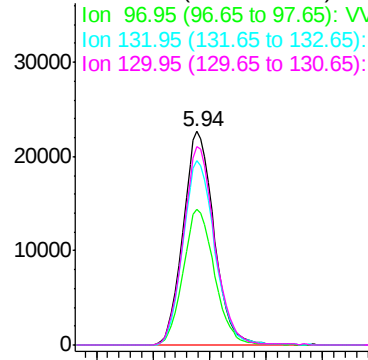
Ion 95.00 (94.70 to 95.70): VV0

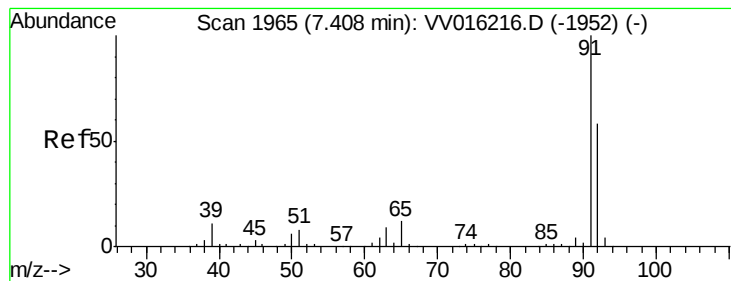
Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0

Abundance Ion 95.00 (94.70 to 95.70): VV0





#42

Toluene

Concen: 4.309 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV016224.D

Acq: 27 May 2020 13:38

Instrument :

MSVOA_V

ClientSampled :

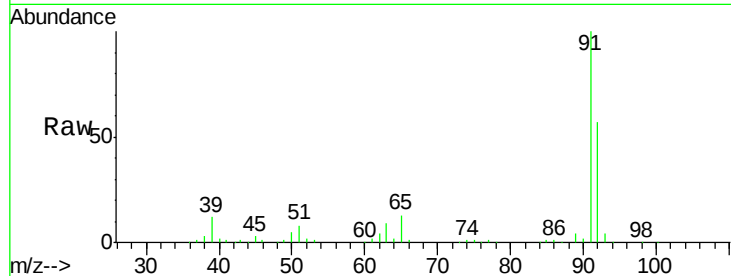
GAX99MS

Tot Ion: 91 Resp: 166435

Ion Ratio Lower Upper

91 100

92 56.7 40.9 76.0



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0

7.41

100000

80000

60000

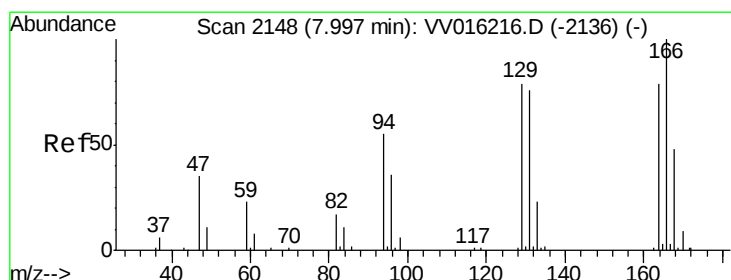
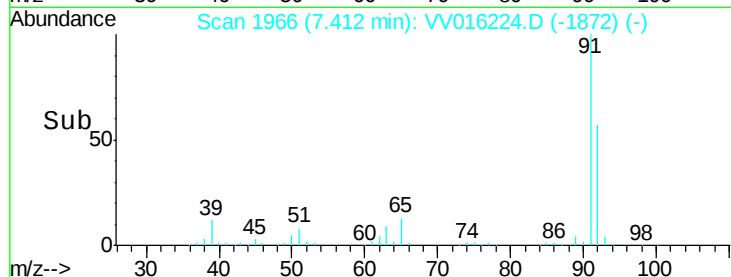
40000

20000

0

Time-->

7.35 7.40 7.45 7.50



#49

Tetrachloroethene

Concen: 2.306 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV016224.D

Acq: 27 May 2020 13:38

Tgt Ion: 164 Resp: 15277

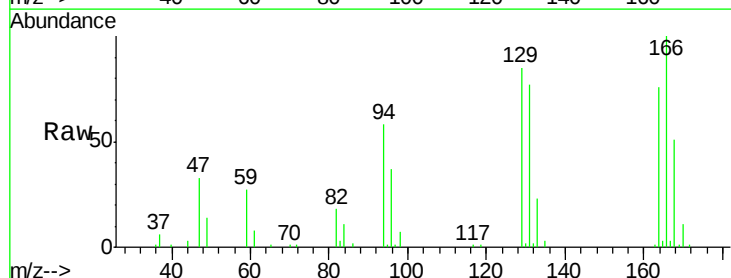
Ion Ratio Lower Upper

164 100

129 111.0 70.7 131.3

131 101.3 66.6 123.8

166 131.0 86.9 161.5



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

15000

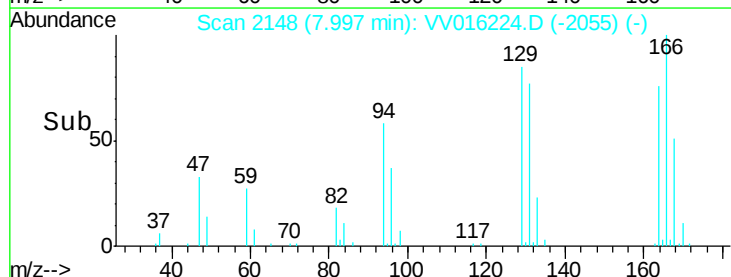
10000

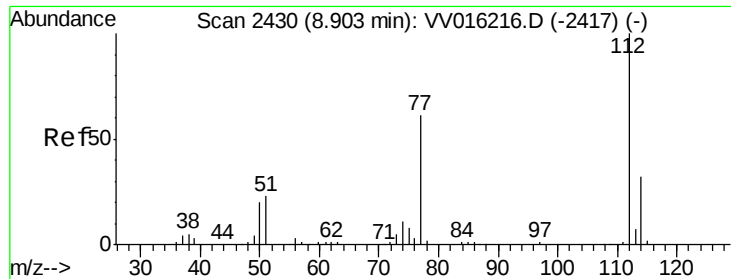
5000

0

Time-->

7.95 8.00 8.05





#53

Chlorobenzene

Concen: 4.555 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VV016224.D

Acq: 27 May 2020 13:38

Instrument :

MSVOA_V

ClientSampleId :

GAX99MS

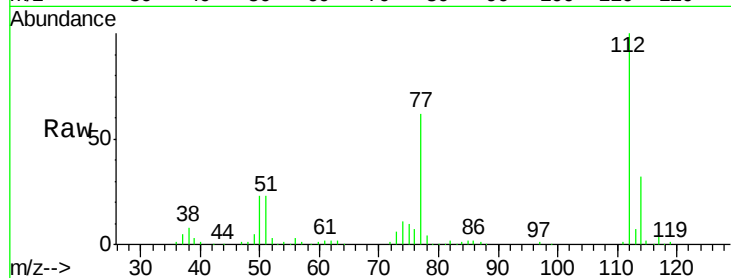
Tot Ion:112 Resp: 108717

Ion Ratio Lower Upper

112 100

114 31.8 22.3 41.3

77 61.6 50.7 76.1



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

