

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052720\
 Data File : VV016240.D
 Acq On : 27 May 2020 20:06
 Operator : SY/MD
 Sample : L2755-15MS
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAXD8MS

Quant Time: May 28 06:18:38 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	85618	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	83192	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	36582	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25386	4.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.40%
7) Chloroethane-d5	1.58	69	23699	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.20%
11) 1,1-Dichloroethene-d2	2.13	63	49910	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.60%
20) 2-Butanone-d5	3.94	46	73627	53.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.96%
24) Chloroform-d	4.38	84	53341	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	5.06	65	29296	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.08	84	102536	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.10	67	32722	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.60%
41) Toluene-d8	7.34	98	91231	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
45) trans-1,3-Dichloropropene-	7.65	79	10928	4.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.00%
48) 2-Hexanone-d5	8.12	63	53056	48.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.36%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	22970	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	32336	5.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.80%

Target Compounds

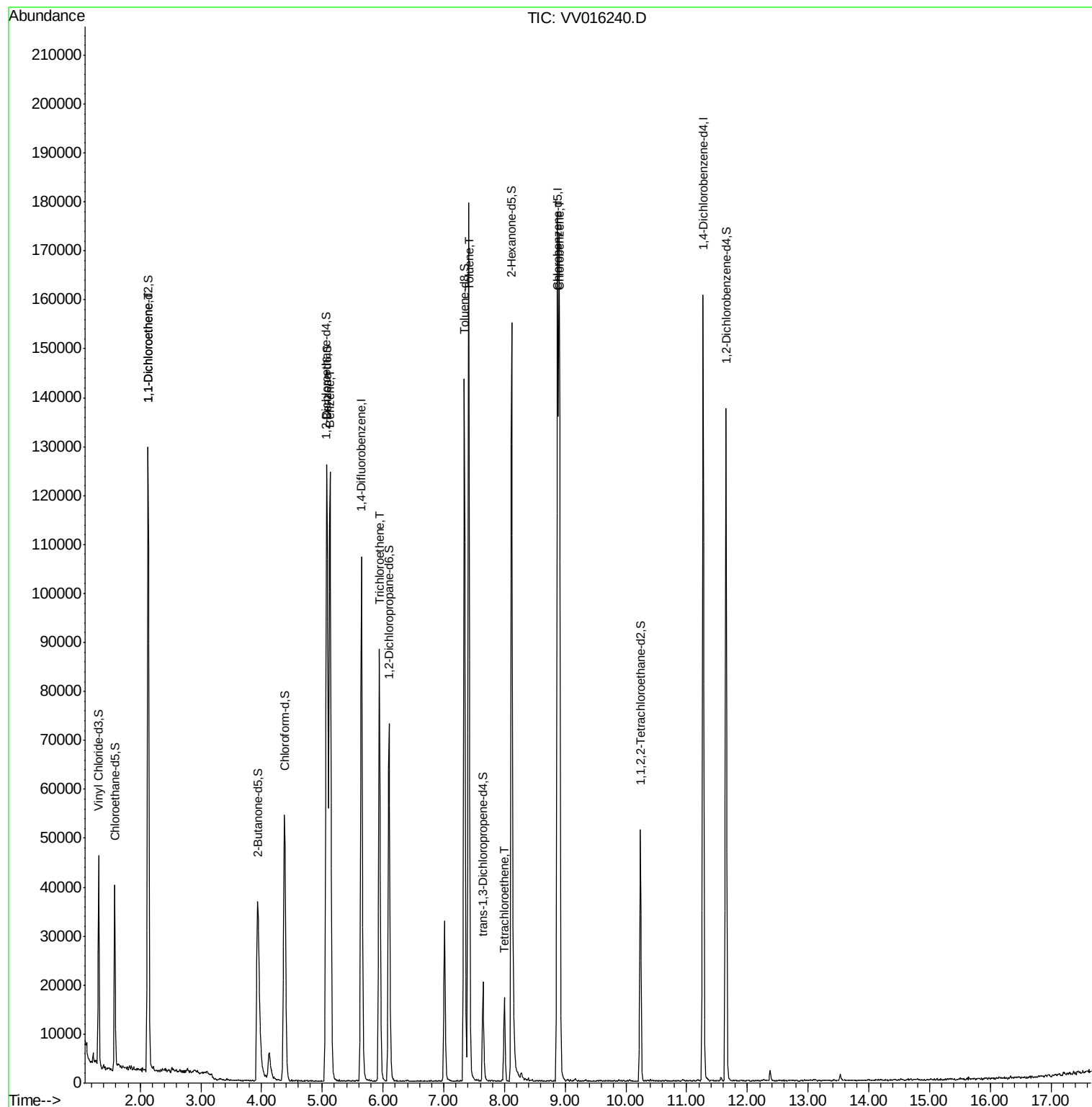
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.14	96	23717	4.696	ug/L	# 82
33) Benzene	5.13	78	120102	5.017	ug/L	100
34) Trichloroethene	5.94	95	30557	4.900	ug/L	99
42) Toluene	7.41	91	124746	4.778	ug/L	99
49) Tetrachloroethene	8.00	164	3510	0.784	ug/L	98
53) Chlorobenzene	8.90	112	82910	5.139	ug/L	99

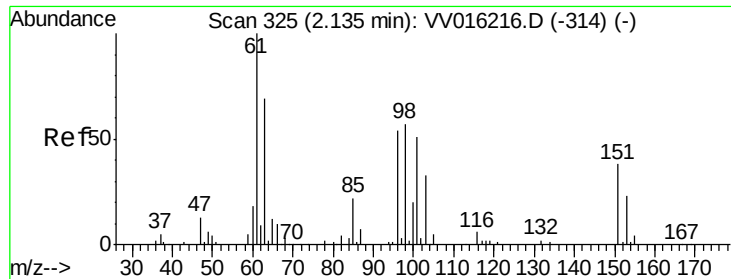
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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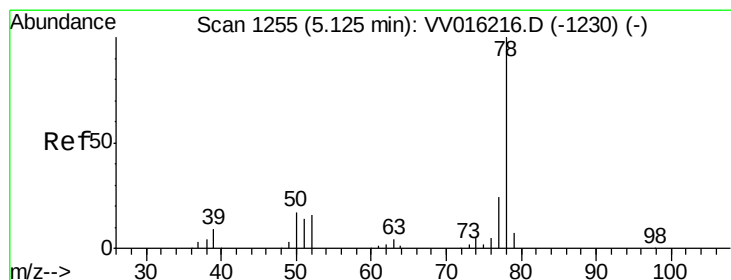
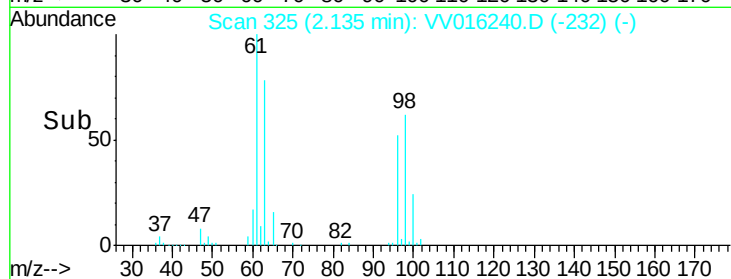
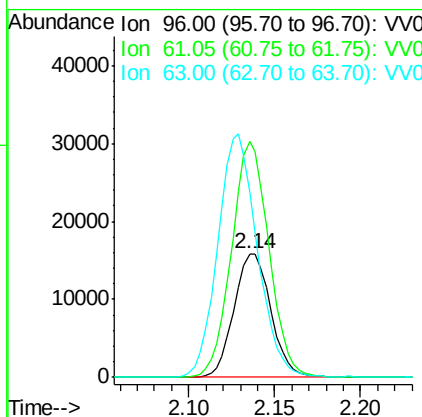
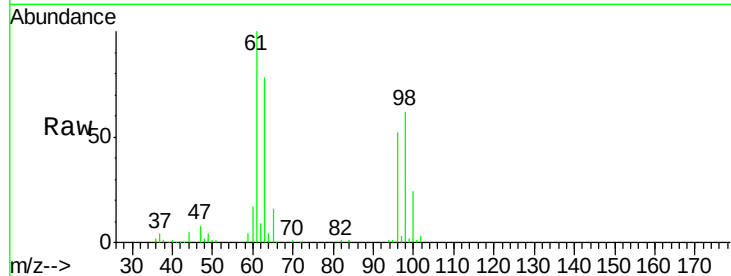




#12
 1,1-Dichloroethene
 Concen: 4.696 ug/L
 RT: 2.14 min Scan# 325
 Delta R.T. 0.00 min
 Lab File: VV016240.D
 Acq: 27 May 2020 20:06

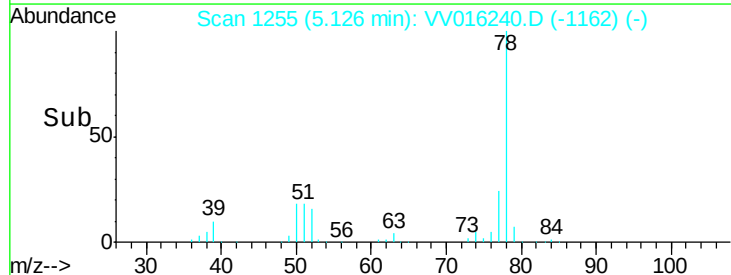
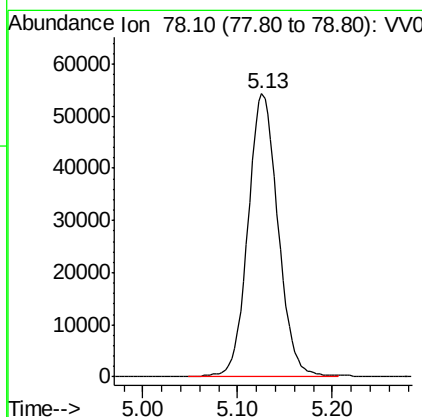
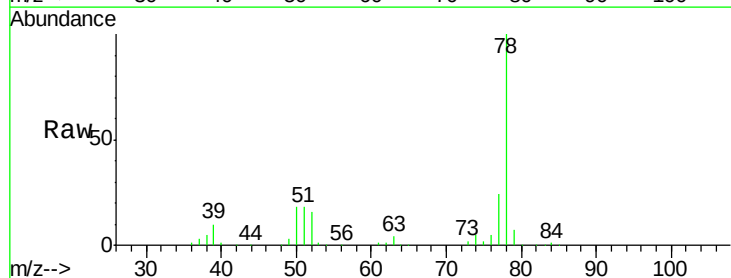
Instrument :
 MSVOA_V
 ClientSampleId :
 GAXD8MS

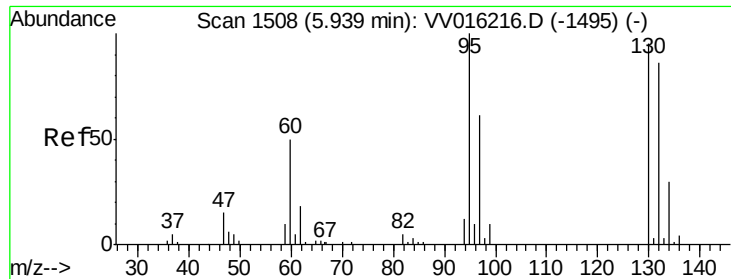
Tot Ion: 96 Resp: 23717
 Ion Ratio Lower Upper
 96 100
 61 190.8 124.9 231.9
 63 149.7 80.4 149.2#



#33
 Benzene
 Concen: 5.017 ug/L
 RT: 5.13 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: VV016240.D
 Acq: 27 May 2020 20:06

Tgt Ion: 78 Resp: 120102





#34

Trichloroethene

Concen: 4.900 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV016240.D

Acq: 27 May 2020 20:06

Instrument :

MSVOA_V

ClientSampleId :

GAXD8MS

Tot Ion: 95 Resp: 30557

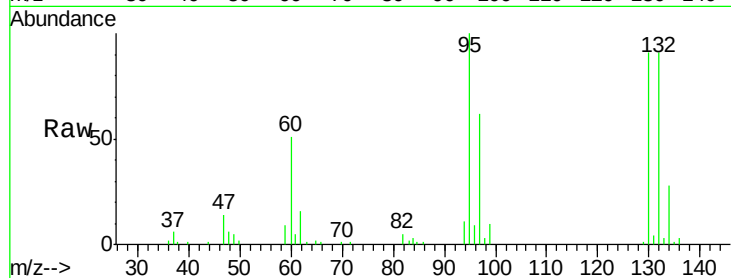
Ion Ratio Lower Upper

95 100

97 62.5 43.6 81.0

132 91.5 63.9 118.7

130 90.6 65.2 121.0

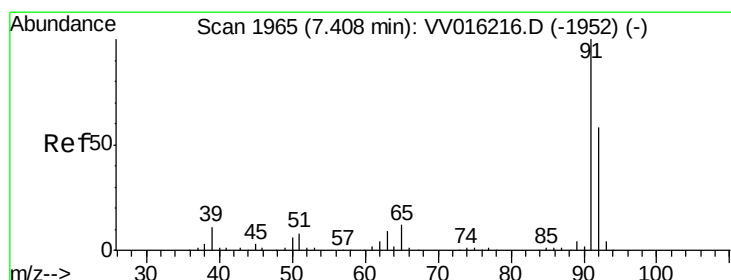
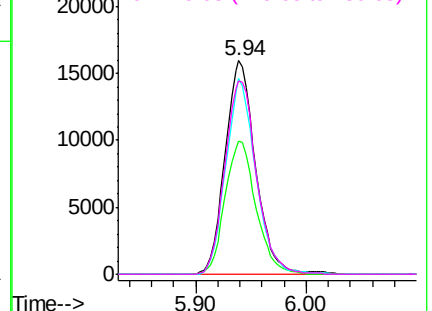
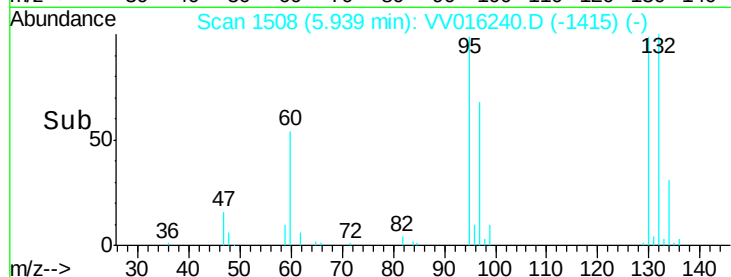


Abundance Ion 95.00 (94.70 to 95.70): VV016240.D (-1415) (-)

Ion 96.95 (96.65 to 97.65): VV016240.D (-1415) (-)

Ion 131.95 (131.65 to 132.65): VV016240.D (-1415) (-)

Ion 129.95 (129.65 to 130.65): VV016240.D (-1415) (-)



#42

Toluene

Concen: 4.778 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV016240.D

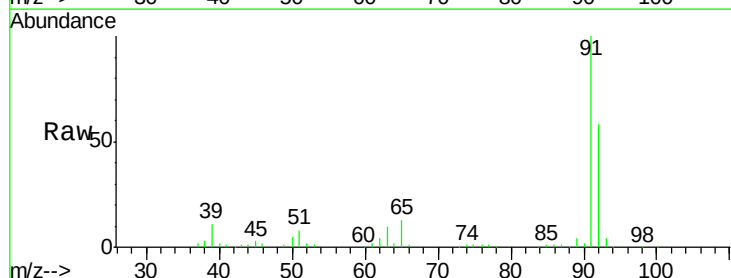
Acq: 27 May 2020 20:06

Tgt Ion: 91 Resp: 124746

Ion Ratio Lower Upper

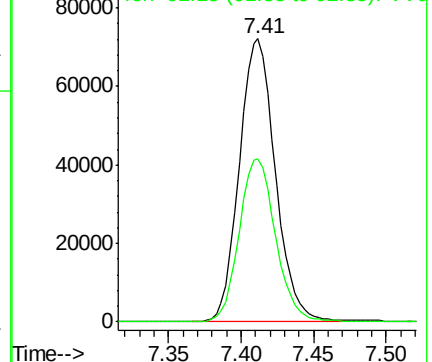
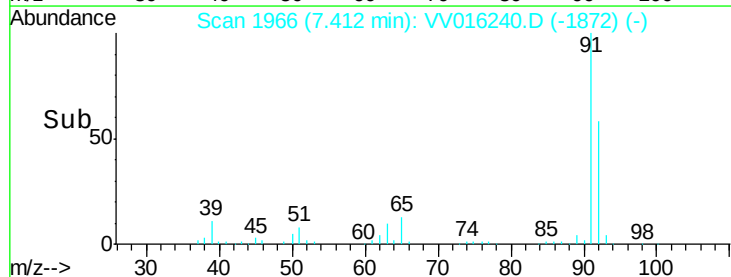
91 100

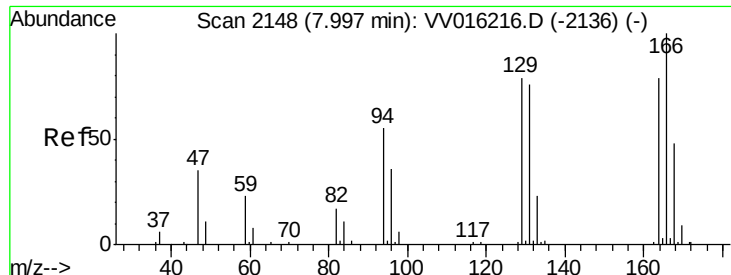
92 57.8 40.9 76.0



Abundance Ion 91.15 (90.85 to 91.85): VV016240.D (-1872) (-)

Ion 92.15 (91.85 to 92.85): VV016240.D (-1872) (-)





#49

Tetrachloroethene

Concen: 0.784 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV016240.D

Acq: 27 May 2020 20:06

Instrument :

MSVOA_V

ClientSampleId :

GAXD8MS

Tot Ion:164 Resp: 3510

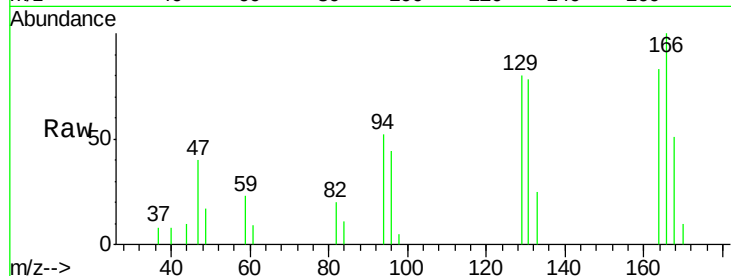
Ion Ratio Lower Upper

164 100

129 97.2 70.7 131.3

131 94.5 66.6 123.8

166 121.1 86.9 161.5

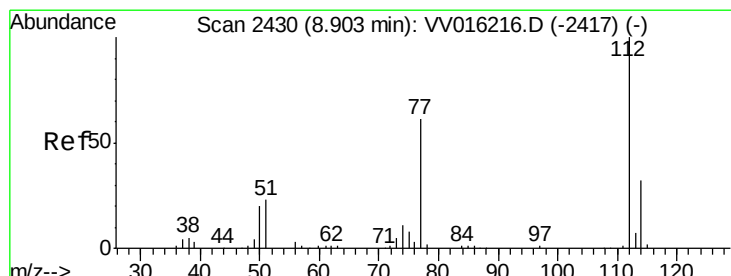
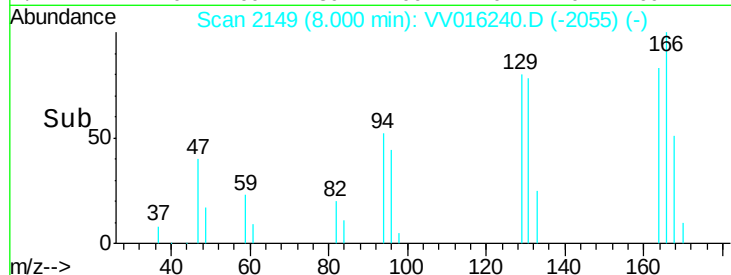
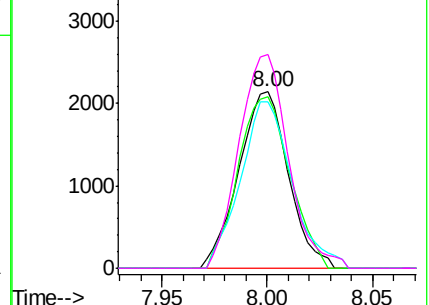


Abundance Ion 163.90 (163.60 to 164.60): V

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



#53

Chlorobenzene

Concen: 5.139 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VV016240.D

Acq: 27 May 2020 20:06

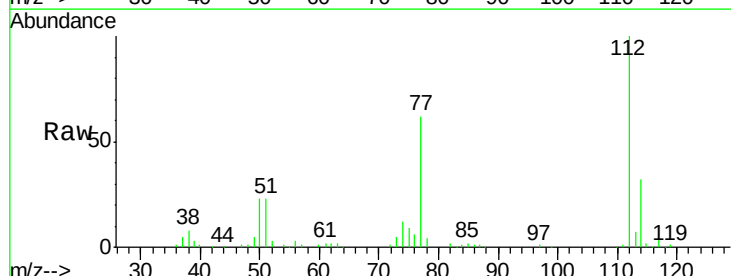
Tgt Ion:112 Resp: 82910

Ion Ratio Lower Upper

112 100

114 32.2 22.3 41.3

77 62.5 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

