

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052720\
 Data File : VV016241.D
 Acq On : 27 May 2020 20:30
 Operator : SY/MD
 Sample : L2755-16MSD
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAXD8MSD

Quant Time: May 28 06:24:20 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	88382	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	86877	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	39015	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24812	4.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.40%
7) Chloroethane-d5	1.58	69	23597	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	2.13	63	49474	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.80%
20) 2-Butanone-d5	3.94	46	72434	51.44	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.88%
24) Chloroform-d	4.38	84	51750	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.06	65	29222	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.08	84	100727	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.10	67	32560	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.34	98	89368	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
45) trans-1,3-Dichloropropene-	7.65	79	10627	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
48) 2-Hexanone-d5	8.12	63	50432	44.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.62%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	22421	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	31950	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

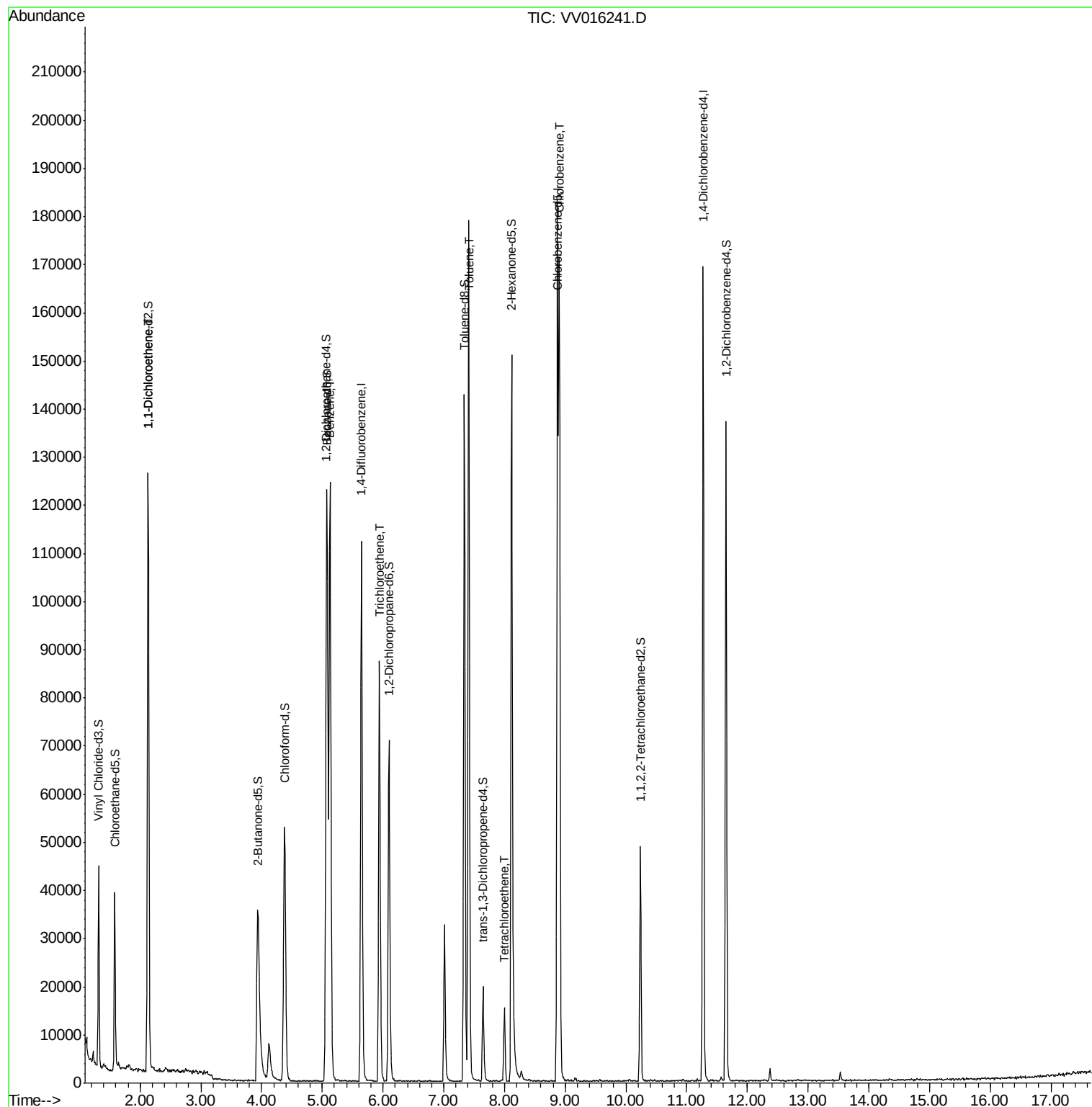
					Ovalue
12) 1,1-Dichloroethene	2.14	96	23659	4.538	ug/L 98
33) Benzene	5.13	78	117133	4.685	ug/L 100
34) Trichloroethene	5.94	95	29769	4.571	ug/L 99
42) Toluene	7.41	91	126373	4.635	ug/L 97
49) Tetrachloroethene	8.00	164	3196	0.684	ug/L 96
53) Chlorobenzene	8.90	112	81634	4.846	ug/L 100

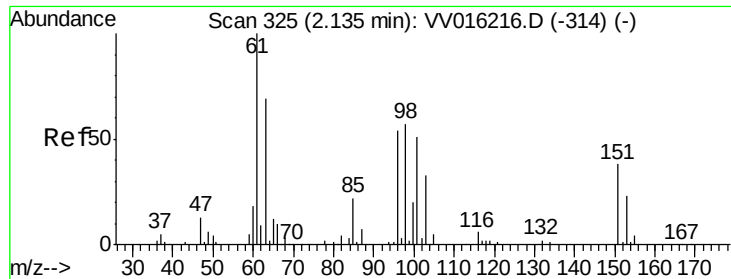
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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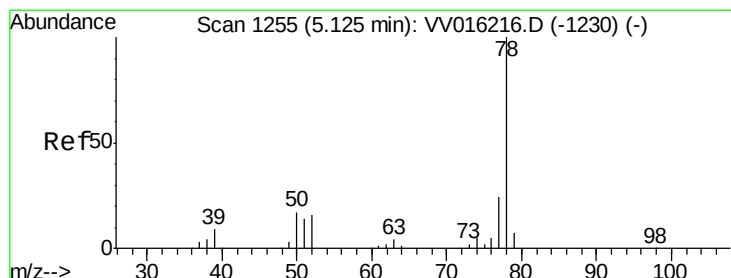
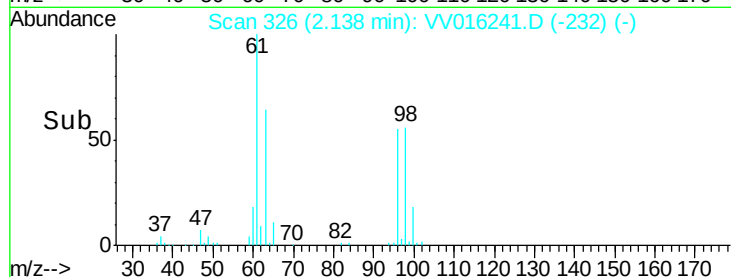
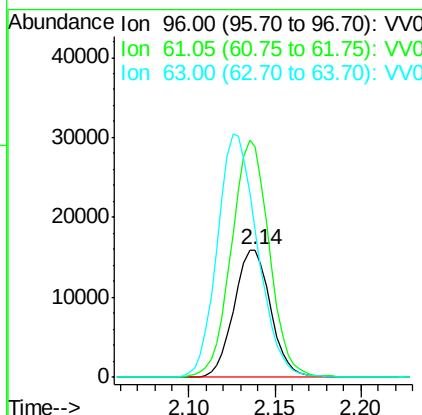
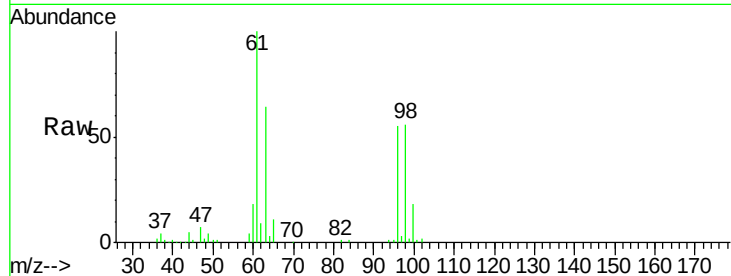




#12
 1,1-Dichloroethene
 Concen: 4.538 ug/L
 RT: 2.14 min Scan# 326
 Delta R.T. 0.00 min
 Lab File: VV016241.D
 Acq: 27 May 2020 20:30

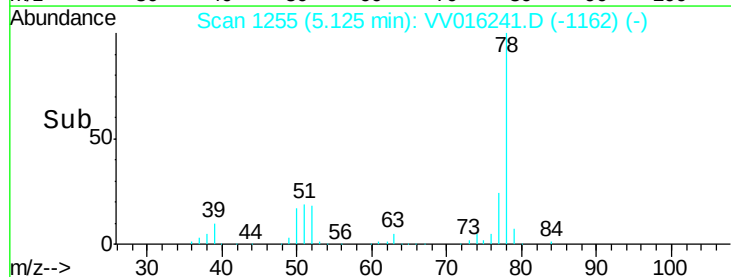
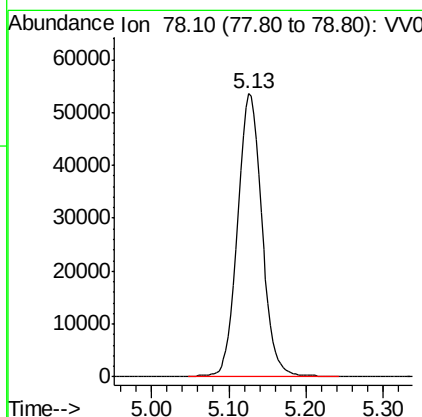
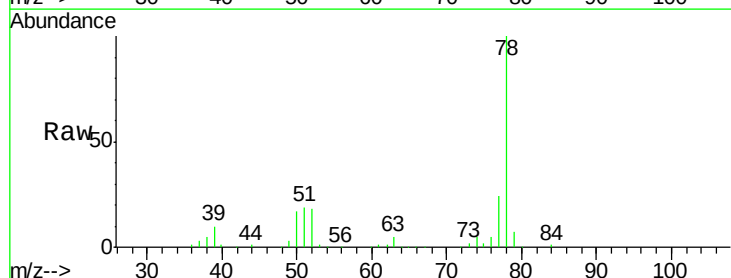
Instrument :
 MSVOA_V
 ClientSampleId :
 GAXD8MSD

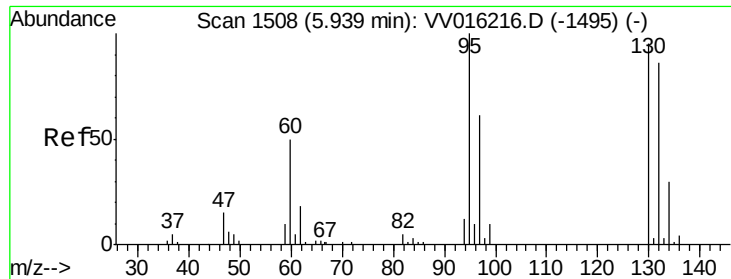
Tot Ion: 96 Resp: 23659
 Ion Ratio Lower Upper
 96 100
 61 181.1 124.9 231.9
 63 115.8 80.4 149.2



#33
 Benzene
 Concen: 4.685 ug/L
 RT: 5.13 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: VV016241.D
 Acq: 27 May 2020 20:30

Tgt Ion: 78 Resp: 117133





#34

Trichloroethene

Concen: 4.571 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV016241.D

Acq: 27 May 2020 20:30

Instrument :

MSVOA_V

ClientSampleId :

GAXD8MSD

Tot Ion: 95 Resp: 29769

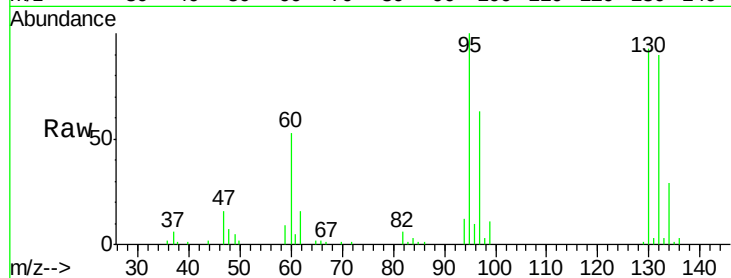
Ion Ratio Lower Upper

95 100

97 63.0 43.6 81.0

132 90.1 63.9 118.7

130 93.3 65.2 121.0

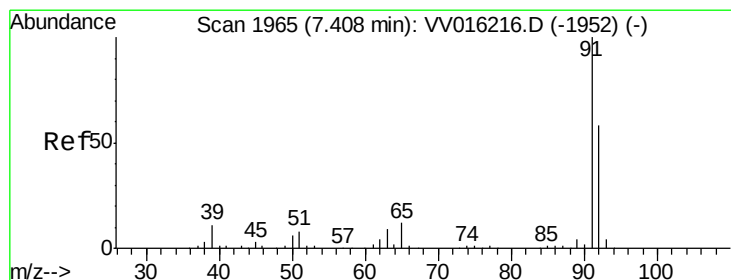
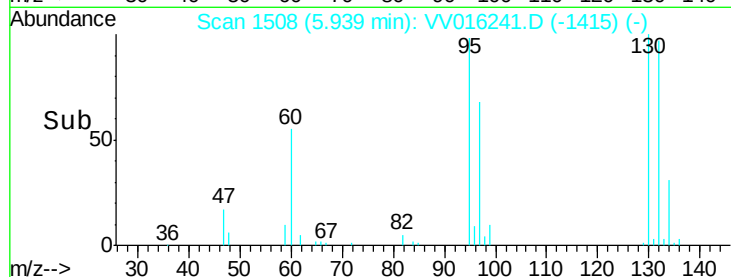
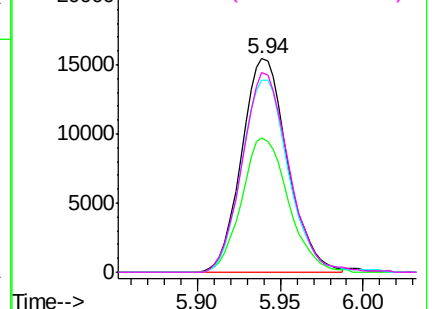


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0



#42

Toluene

Concen: 4.635 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV016241.D

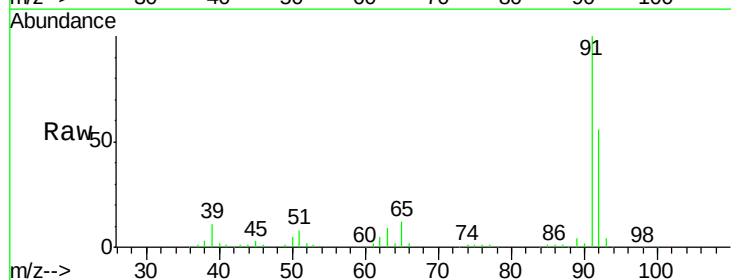
Acq: 27 May 2020 20:30

Tgt Ion: 91 Resp: 126373

Ion Ratio Lower Upper

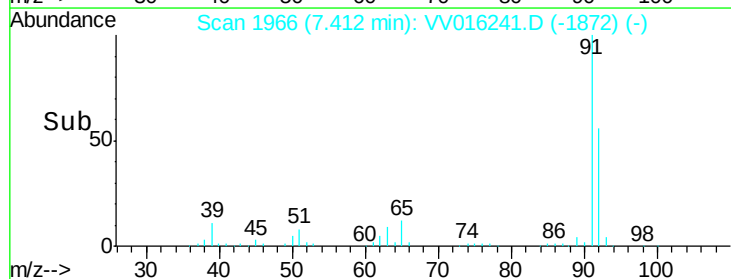
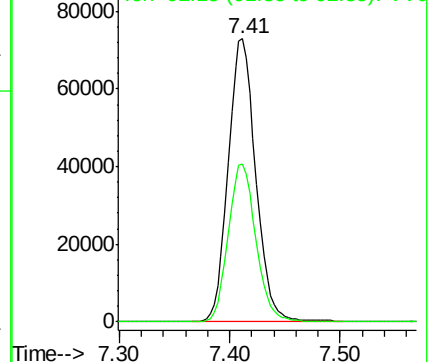
91 100

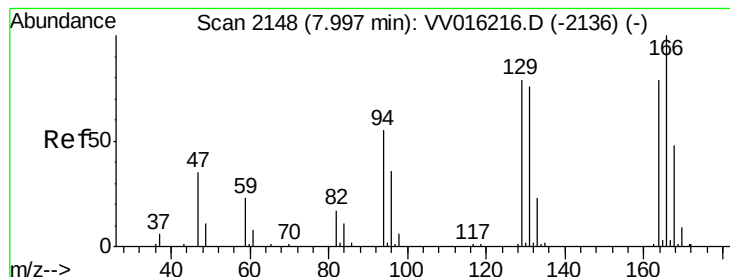
92 56.0 40.9 76.0



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0





#49

Tetrachloroethene

Concen: 0.684 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV016241.D

Acq: 27 May 2020 20:30

Instrument :

MSVOA_V

ClientSampleId :

GAXD8MSD

Tot Ion:164 Resp: 3196

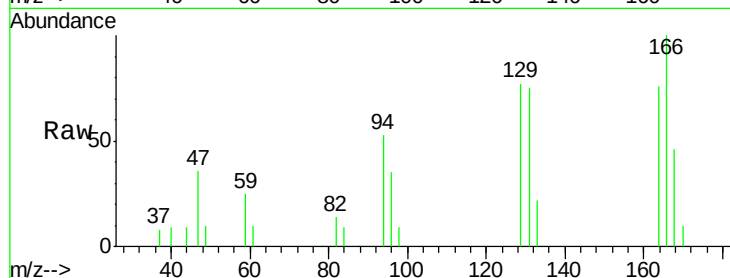
Ion Ratio Lower Upper

164 100

129 101.0 70.7 131.3

131 99.5 66.6 123.8

166 132.0 86.9 161.5

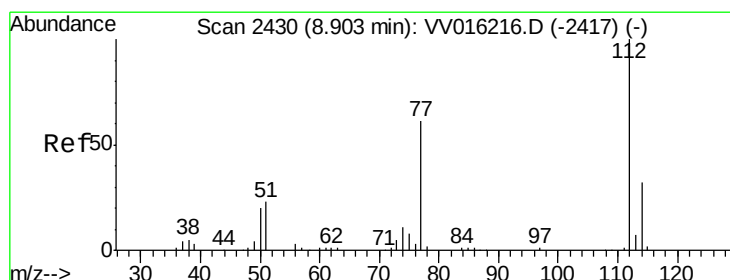
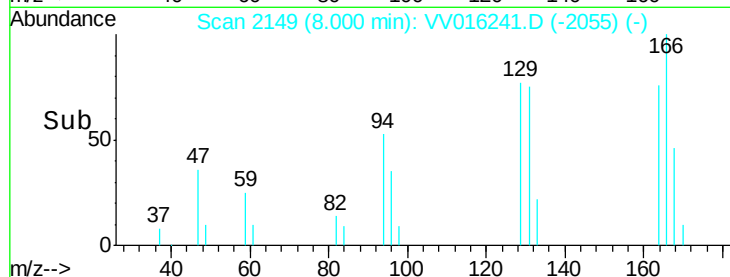
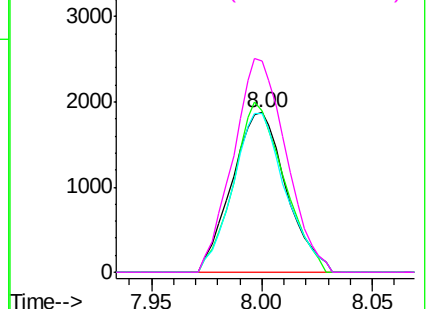


Abundance Ion 163.90 (163.60 to 164.60): V

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



#53

Chlorobenzene

Concen: 4.846 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VV016241.D

Acq: 27 May 2020 20:30

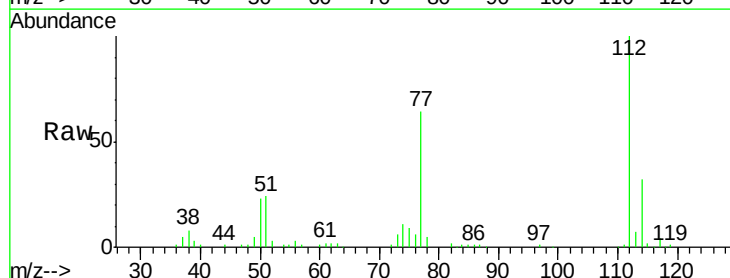
Tgt Ion:112 Resp: 81634

Ion Ratio Lower Upper

112 100

114 32.1 22.3 41.3

77 63.5 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

