

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052720\
 Data File : VV016225.D
 Acq On : 27 May 2020 14:02
 Operator : SY/MD
 Sample : L2754-13MSD
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAX99MSD

Quant Time: May 28 03:07:23 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	107941	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	104208	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	46810	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	28438	4.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.00%
7) Chloroethane-d5	1.58	69	26232	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.20%
11) 1,1-Dichloroethene-d2	2.13	63	56030	4.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.00%
20) 2-Butanone-d5	3.94	46	82176	47.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.58%
24) Chloroform-d	4.38	84	60616	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
26) 1,2-Dichloroethane-d4	5.06	65	33371	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
32) Benzene-d6	5.08	84	116610	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	6.10	67	36706	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.00%
41) Toluene-d8	7.34	98	105288	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
45) trans-1,3-Dichloropropene-	7.65	79	12693	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
48) 2-Hexanone-d5	8.12	63	60284	44.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.30%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	25272	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	36345	4.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.00%

Target Compounds

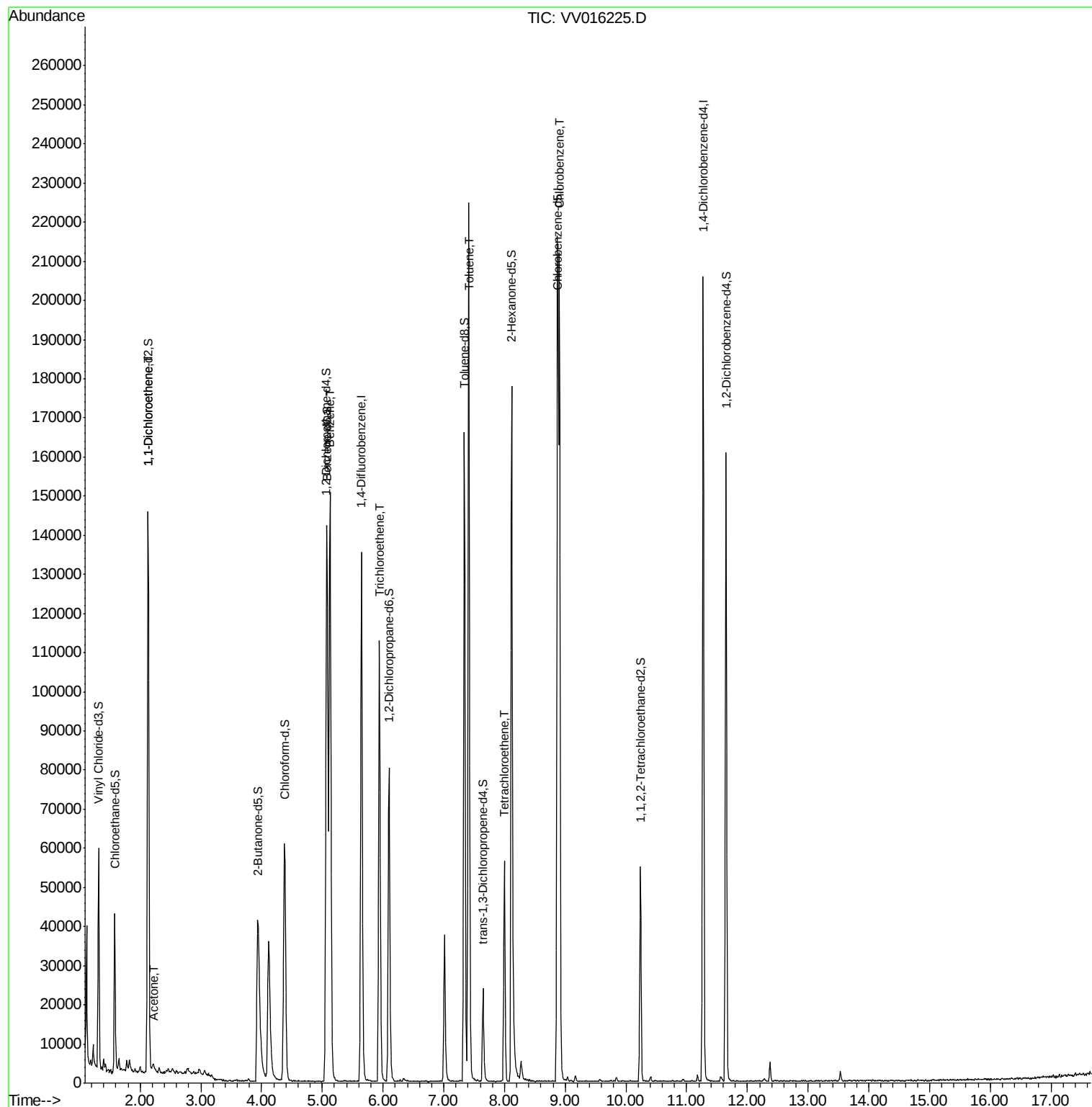
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.14	96	28036	4.403	ug/L	86
13) Acetone	2.21	43	3117	2.928	ug/L	87
33) Benzene	5.13	78	144912	4.832	ug/L	100
34) Trichloroethene	5.94	95	38563	4.936	ug/L	97
42) Toluene	7.41	91	156411	4.783	ug/L	98
49) Tetrachloroethene	8.00	164	11274	2.010	ug/L	97
53) Chlorobenzene	8.90	112	100101	4.954	ug/L	99

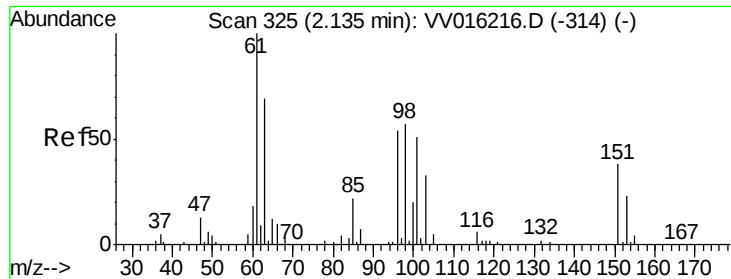
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 4.403 ug/L

RT: 2.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VV016225.D

Acq: 27 May 2020 14:02

Instrument :

MSVOA_V

ClientSampleId :

GAX99MSD

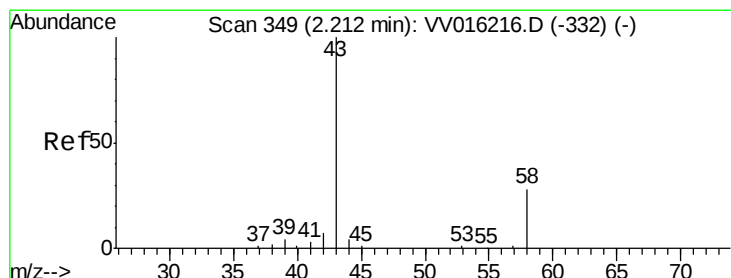
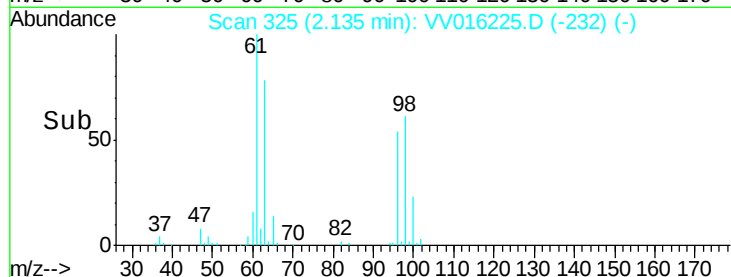
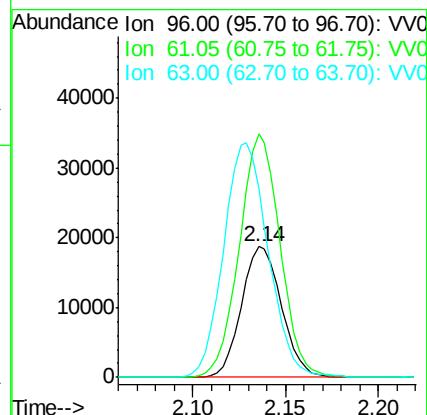
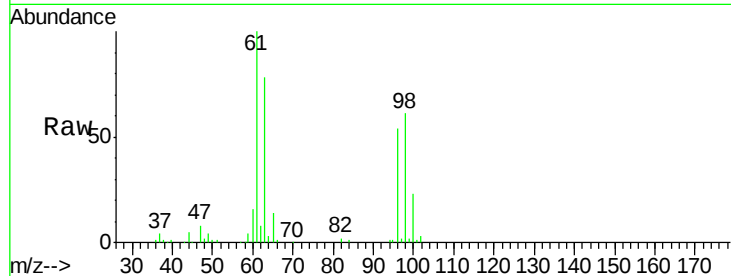
Tot Ion: 96 Resp: 28036

Ion Ratio Lower Upper

96 100

61 186.6 124.9 231.9

63 145.1 80.4 149.2



#13

Acetone

Concen: 2.928 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.00 min

Lab File: VV016225.D

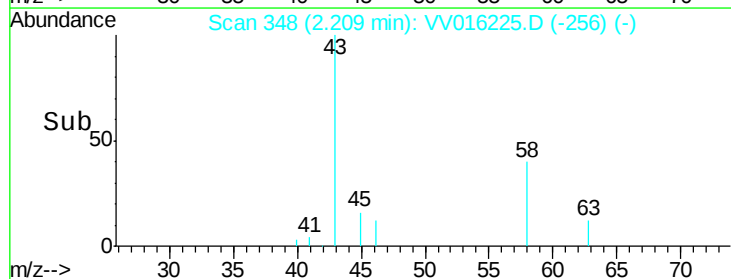
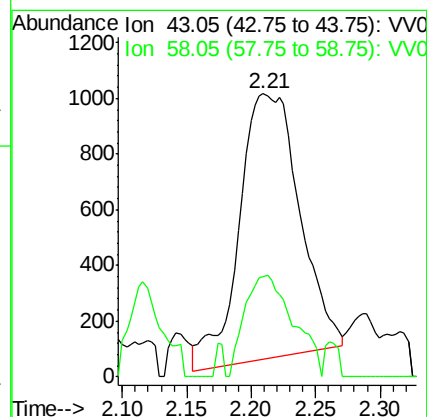
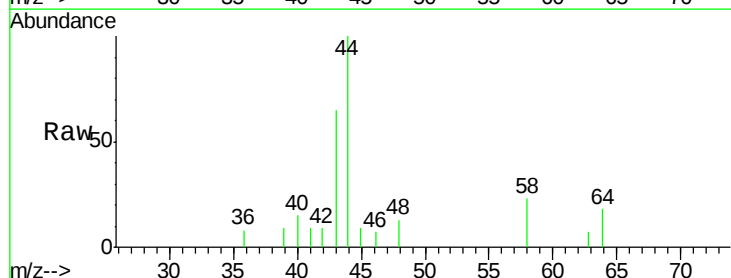
Acq: 27 May 2020 14:02

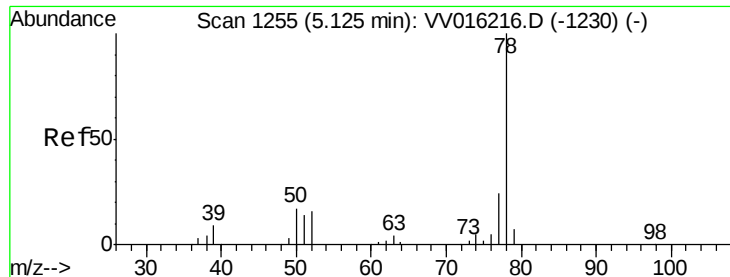
Tgt Ion: 43 Resp: 3117

Ion Ratio Lower Upper

43 100

58 30.8 0.0 48.8





#33

Benzene

Concen: 4.832 ug/L

RT: 5.13 min Scan# 1255

Delta R.T. 0.00 min

Lab File: VV016225.D

Acq: 27 May 2020 14:02

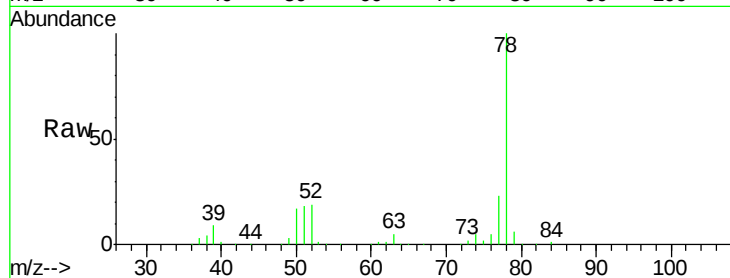
Instrument :

MSVOA_V

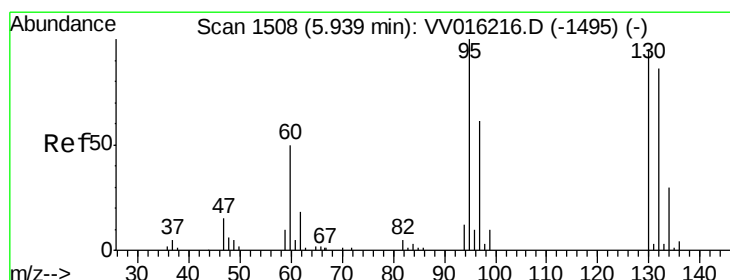
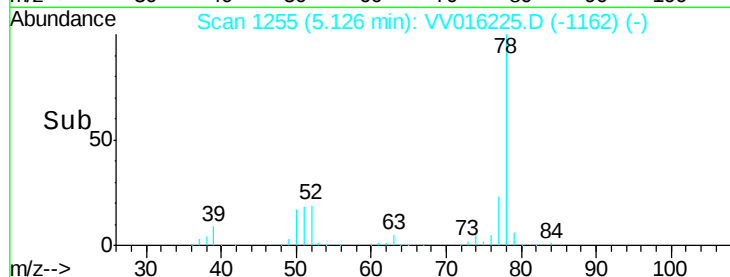
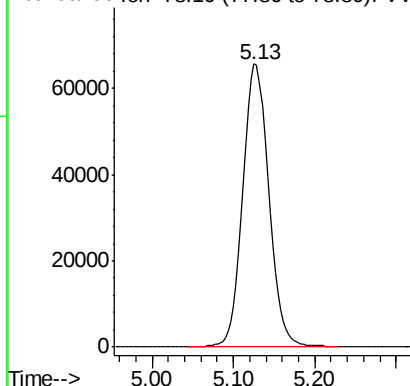
ClientSampled :

GAX99MSD

Tgt Ion: 78 Resp: 144912



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 4.936 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV016225.D

Acq: 27 May 2020 14:02

Tgt Ion: 95 Resp: 38563

Ion	Ratio	Lower	Upper
95	100		
97	65.8	43.6	81.0
132	91.8	63.9	118.7
130	98.1	65.2	121.0

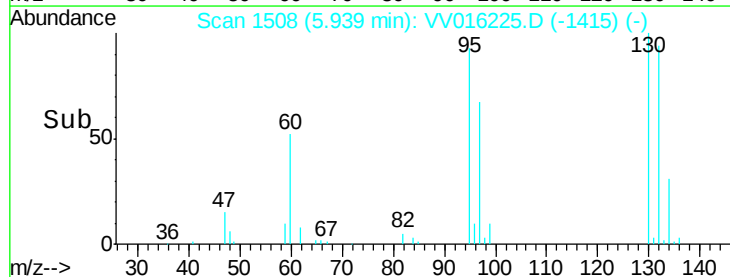
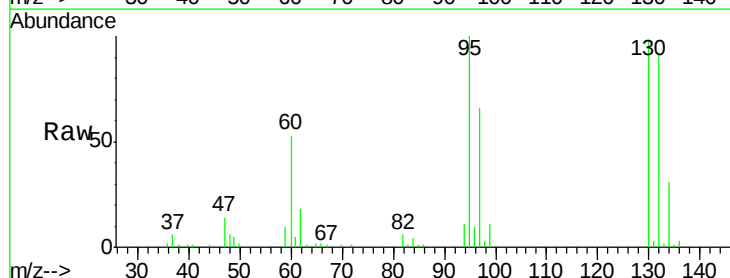
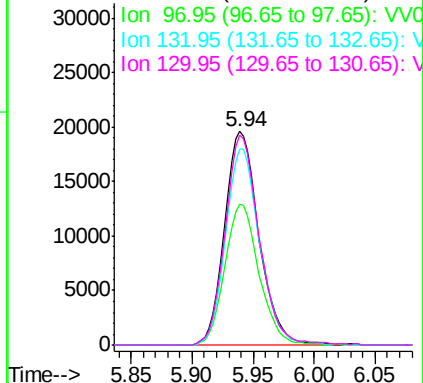
Ion 95.00 (94.70 to 95.70): VV0

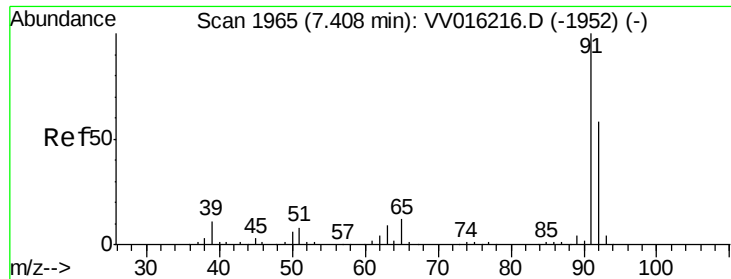
Ion 96.95 (96.65 to 97.65): VV0

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: 4.783 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV016225.D

Acq: 27 May 2020 14:02

Instrument :

MSVOA_V

ClientSampled :

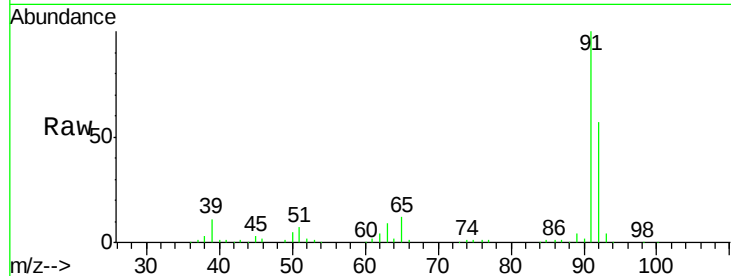
GAX99MSD

Tot Ion: 91 Resp: 156411

Ion Ratio Lower Upper

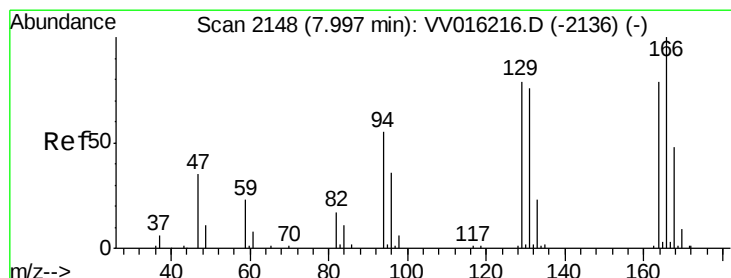
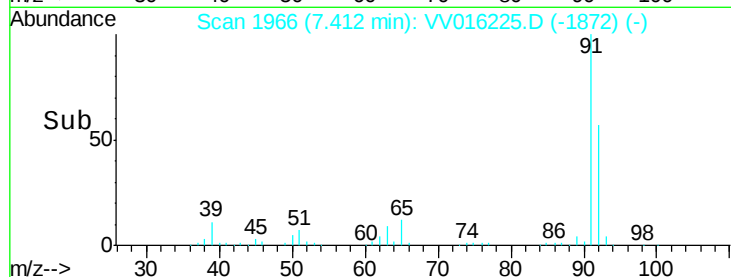
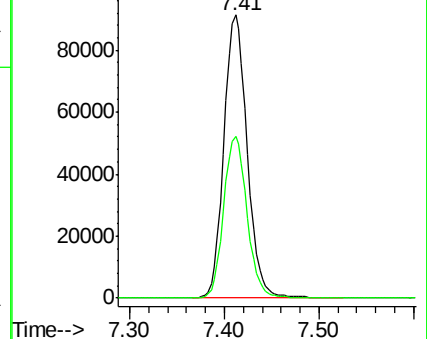
91 100

92 56.9 40.9 76.0



Abundance Ion 91.15 (90.85 to 91.85): VV016216.D (-1952) (-)

Ion 92.15 (91.85 to 92.85): VV016216.D (-1952) (-)



#49

Tetrachloroethene

Concen: 2.010 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV016225.D

Acq: 27 May 2020 14:02

Tgt Ion: 164 Resp: 11274

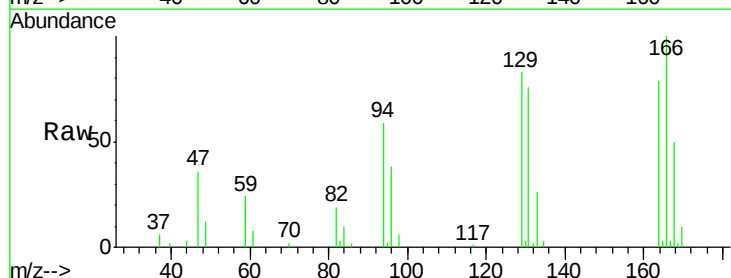
Ion Ratio Lower Upper

164 100

129 105.5 70.7 131.3

131 96.3 66.6 123.8

166 126.6 86.9 161.5

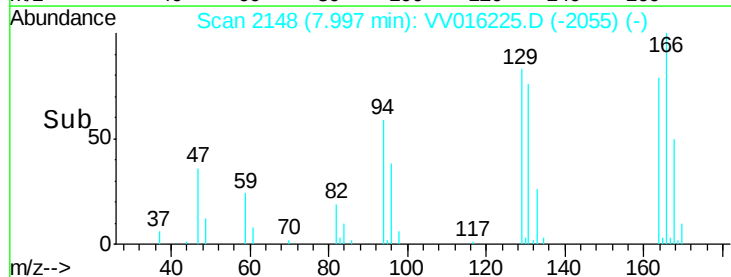
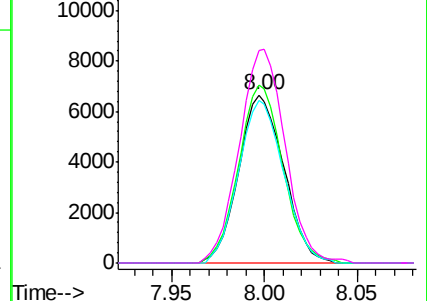


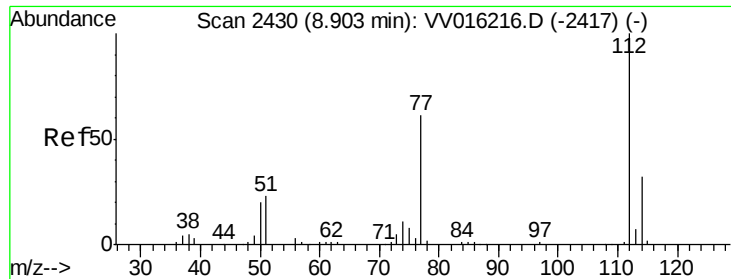
Abundance Ion 163.90 (163.60 to 164.60): VV016216.D (-2136) (-)

Ion 128.95 (128.65 to 129.65): VV016216.D (-2136) (-)

Ion 130.95 (130.65 to 131.65): VV016216.D (-2136) (-)

Ion 165.90 (165.60 to 166.60): VV016216.D (-2136) (-)





#53

Chlorobenzene

Concen: 4.954 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VV016225.D

Acq: 27 May 2020 14:02

Instrument :

MSVOA_V

ClientSampleId :

GAX99MSD

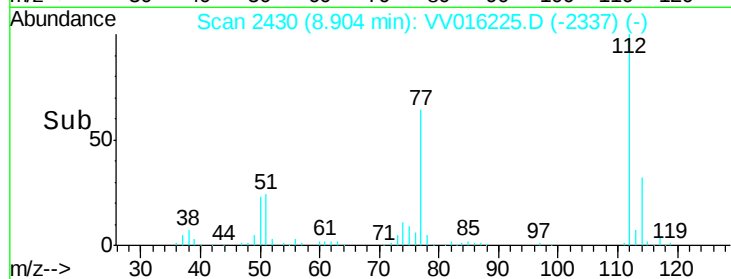
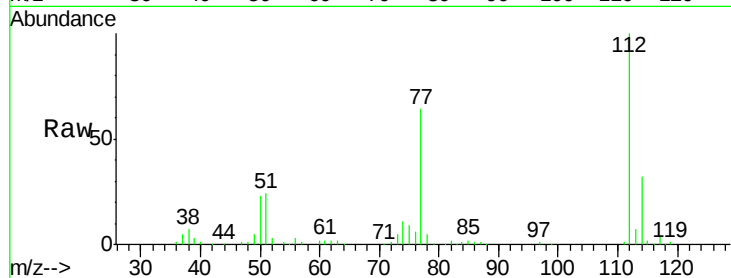
Tot Ion:112 Resp: 100101

Ion Ratio Lower Upper

112 100

114 32.2 22.3 41.3

77 63.8 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

