

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092718\
 Data File : VV007916.D
 Acq On : 27 Sep 2018 19:23
 Operator : SY/MD
 Sample : J5063-19MS
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAC39MS

Quant Time: Sep 28 03:39:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 28 00:42:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	87255	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	83033	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	40664	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	22862	4.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.80%
7) Chloroethane-d5	1.59	69	21469	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.20%
11) 1,1-Dichloroethene-d2	2.14	63	53103	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.60%
20) 2-Butanone-d5	3.96	46	67852	48.23	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.46%
24) Chloroform-d	4.41	84	53644	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
26) 1,2-Dichloroethane-d4	5.09	65	29335	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.10	84	101857	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
36) 1,2-Dichloropropane-d6	6.12	67	32536	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.36	98	96495	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
43) trans-1,3-Dichloropropene-	7.67	79	10615	4.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.80%
46) 2-Hexanone-d5	8.14	63	50729	47.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.00%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	23749	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	40443	5.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.80%

Target Compounds

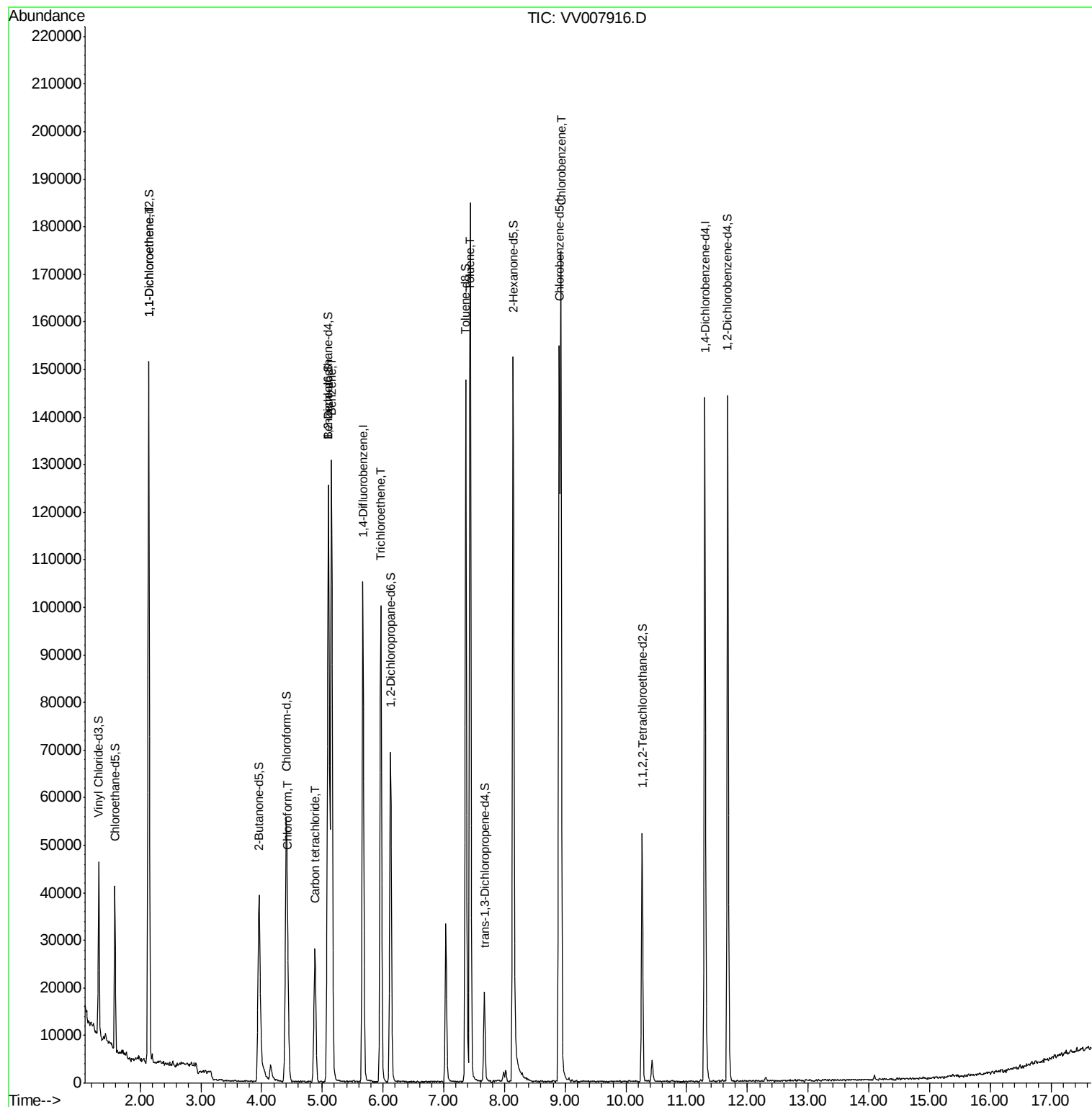
					Ovalue
12) 1,1-Dichloroethene	2.14	96	29041	5.035 ug/L	96
25) Chloroform	4.43	83	12817	1.092 ug/L	98
31) Carbon tetrachloride	4.88	117	20412	2.319 ug/L	98
33) Benzene	5.15	78	122404	5.148 ug/L	100
34) Trichloroethene	5.96	95	34265	5.033 ug/L	99
42) Toluene	7.43	91	133109	5.141 ug/L	99
51) Chlorobenzene	8.93	112	88184	4.931 ug/L	99

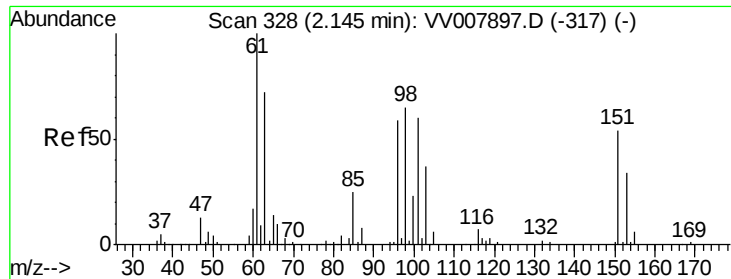
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 28 00:42:21 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 5.035 ug/L

RT: 2.14 min Scan# 328

Delta R.T. -0.00 min

Lab File: VV007916.D

Acq: 27 Sep 2018 19:23

Instrument :

MSVOA_V

ClientSampleId :

GAC39MS

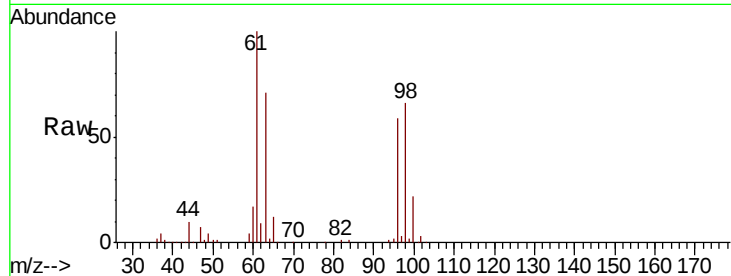
Tot Ion: 96 Resp: 29041

Ion Ratio Lower Upper

96 100

61 169.1 114.1 211.9

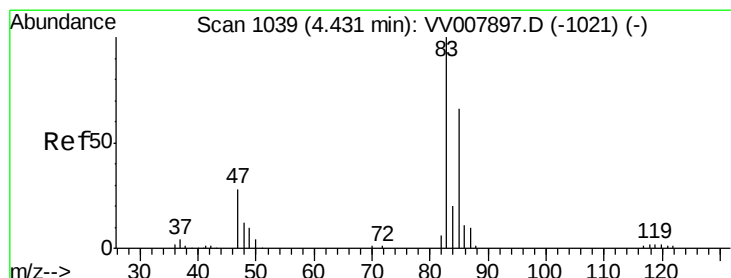
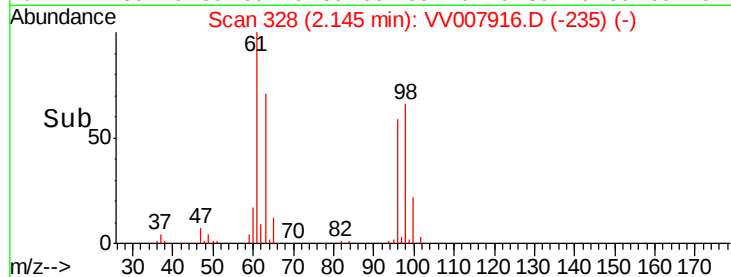
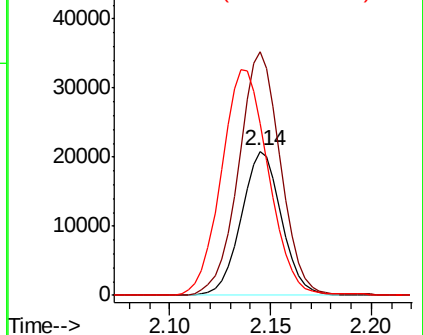
63 119.4 81.5 151.3



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0



#25

Chloroform

Concen: 1.092 ug/L

RT: 4.43 min Scan# 1040

Delta R.T. 0.00 min

Lab File: VV007916.D

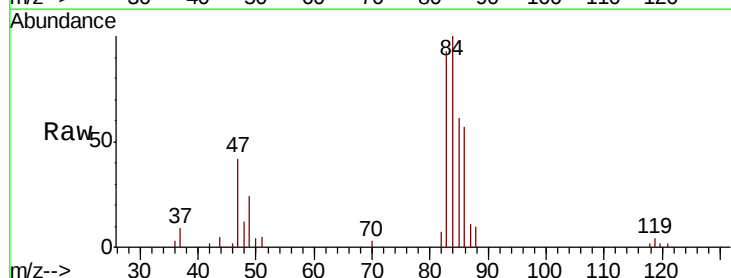
Acq: 27 Sep 2018 19:23

Tgt Ion: 83 Resp: 12817

Ion Ratio Lower Upper

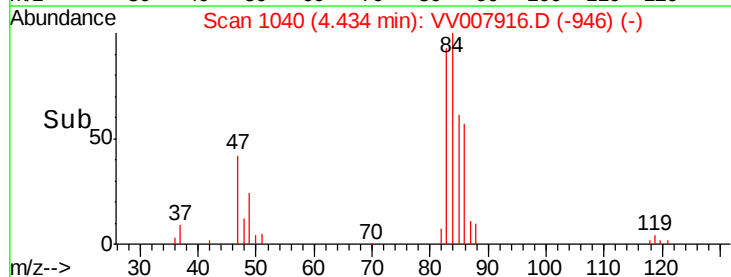
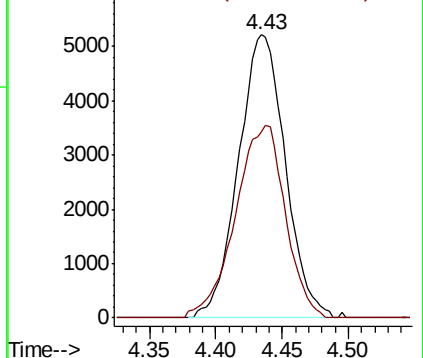
83 100

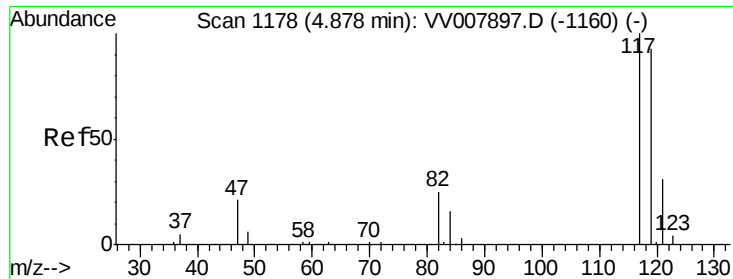
85 65.6 44.8 83.2



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0





#31

Carbon tetrachloride

Concen: 2.319 ug/L

RT: 4.88 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VV007916.D

Acq: 27 Sep 2018 19:23

Instrument :

MSVOA_V

ClientSampleId :

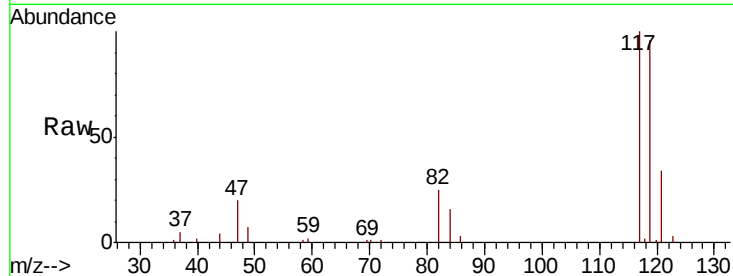
GAC39MS

Tot Ion:117 Resp: 20412

Ion Ratio Lower Upper

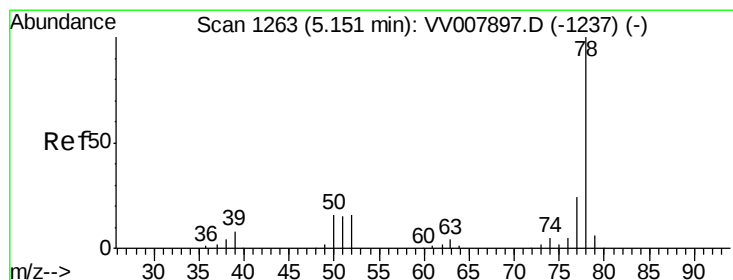
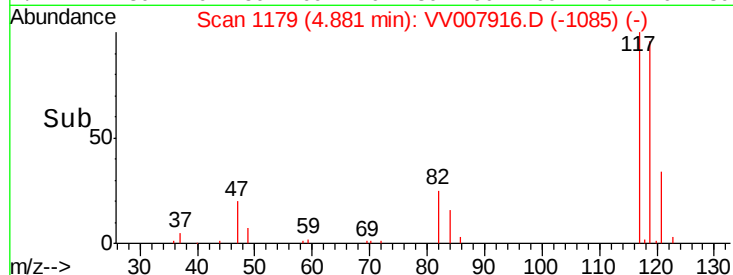
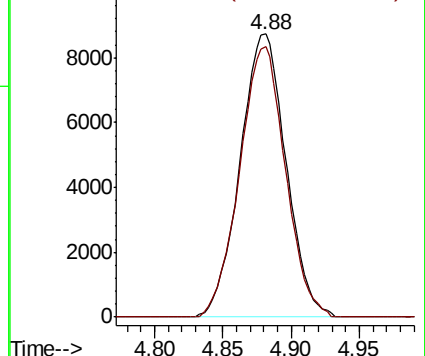
117 100

119 95.2 77.8 116.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 5.148 ug/L

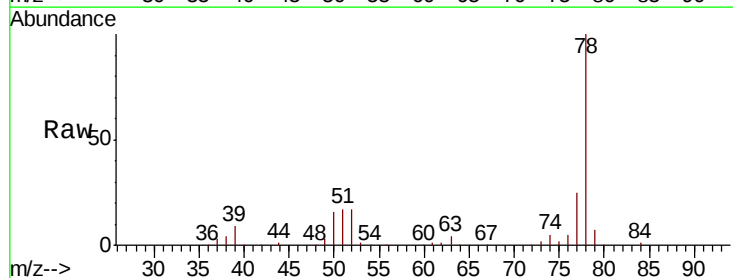
RT: 5.15 min Scan# 1263

Delta R.T. -0.00 min

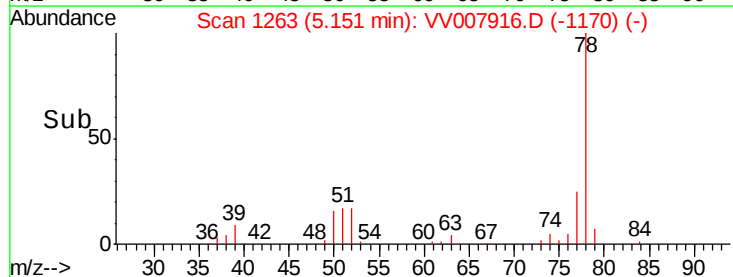
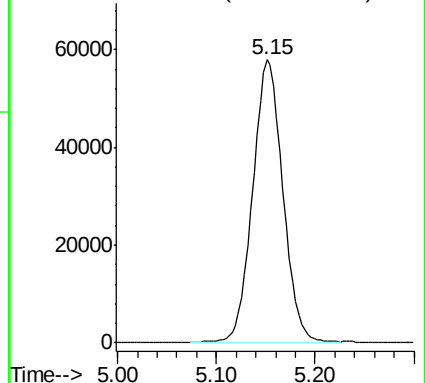
Lab File: VV007916.D

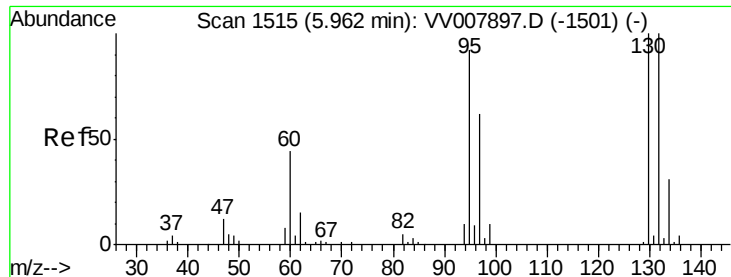
Acq: 27 Sep 2018 19:23

Tgt Ion: 78 Resp: 122404



Abundance Ion 78.10 (77.80 to 78.80): VV0

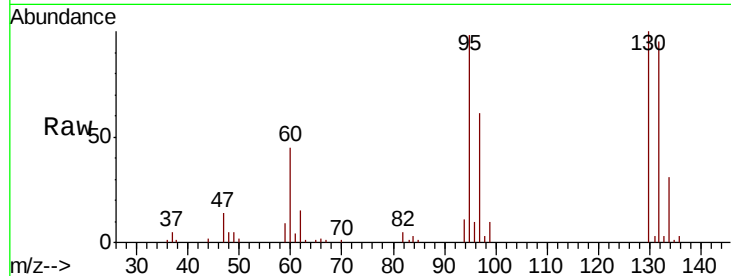




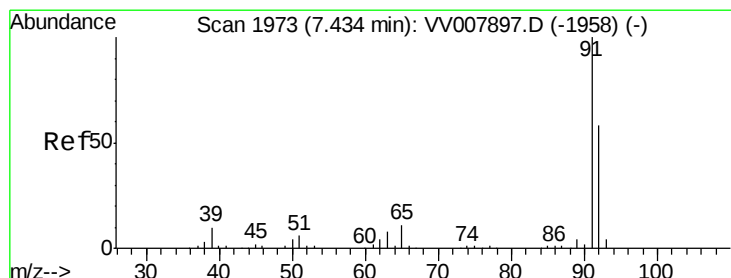
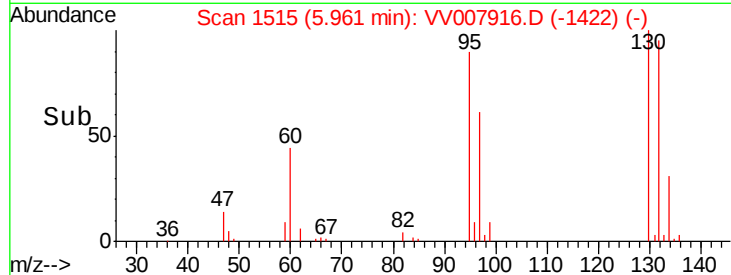
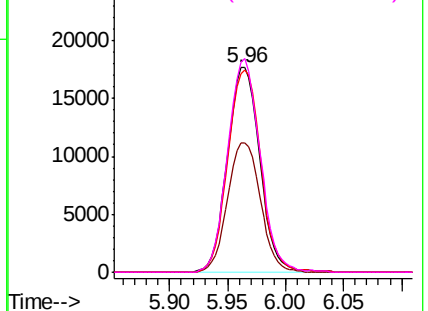
#34
 Trichloroethene
 Concen: 5.033 ug/L
 RT: 5.96 min Scan# 1515
 Delta R.T. -0.00 min
 Lab File: VV007916.D
 Acq: 27 Sep 2018 19:23

Instrument :
 MSVOA_V
 ClientSampled :
 GAC39MS

Tot Ion: 95 Resp: 34265
 Ion Ratio Lower Upper
 95 100
 97 62.8 43.6 81.0
 132 96.9 69.9 129.9
 130 102.3 71.7 133.3

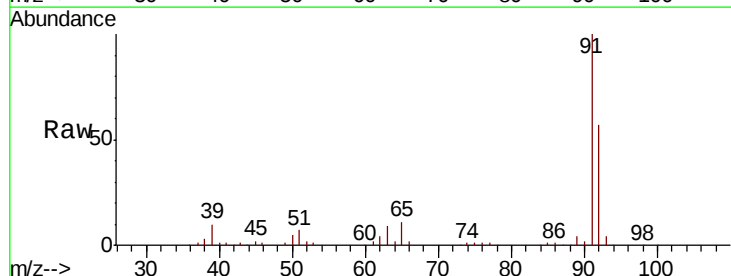


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

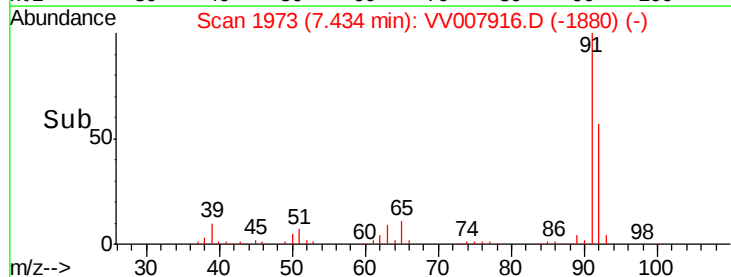
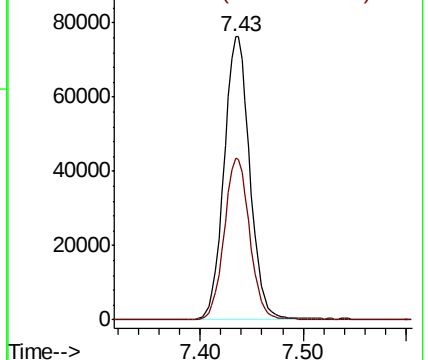


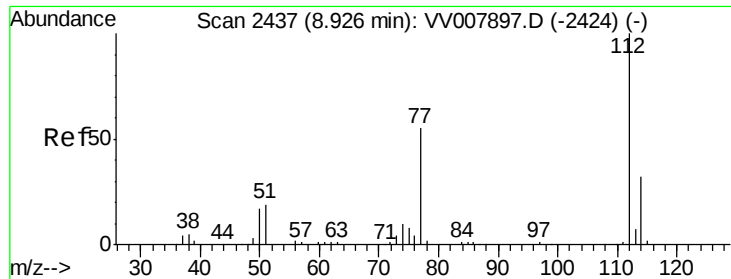
#42
 Toluene
 Concen: 5.141 ug/L
 RT: 7.43 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: VV007916.D
 Acq: 27 Sep 2018 19:23

Tgt Ion: 91 Resp: 133109
 Ion Ratio Lower Upper
 91 100
 92 57.3 40.8 75.8



Abundance Ion 91.15 (90.85 to 91.85): VV0
 Ion 92.15 (91.85 to 92.85): VV0





#51
 Chlorobenzene
 Concen: 4.931 ug/L
 RT: 8.93 min Scan# 2438
 Delta R.T. 0.00 min
 Lab File: VV007916.D
 Acq: 27 Sep 2018 19:23

Instrument :
 MSVOA_V
 ClientSampleId :
 GAC39MS

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.1	22.4	41.6
77	55.6	45.0	67.6

