

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062918\
 Data File : VV006505.D
 Acq On : 29 Jun 2018 13:19
 Operator : SY/MD
 Sample : J3781-02MS
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ESWH0MS

Quant Time: Jun 30 02:36:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 30 02:15:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	306803	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	277037	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	121915	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	102680	5.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.80%
7) Chloroethane-d5	1.58	69	78002	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.00%
11) 1,1-Dichloroethene-d2	2.14	63	180667	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.20%
20) 2-Butanone-d5	3.95	46	199051	52.66	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.32%
24) Chloroform-d	4.41	84	164185	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.09	65	81380	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.11	84	368913	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
36) 1,2-Dichloropropane-d6	6.13	67	110611	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.00%
41) Toluene-d8	7.37	98	327526	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
43) trans-1,3-Dichloropropene-	7.67	79	33370	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
46) 2-Hexanone-d5	8.14	63	148256	47.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.54%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	62479	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	113294	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

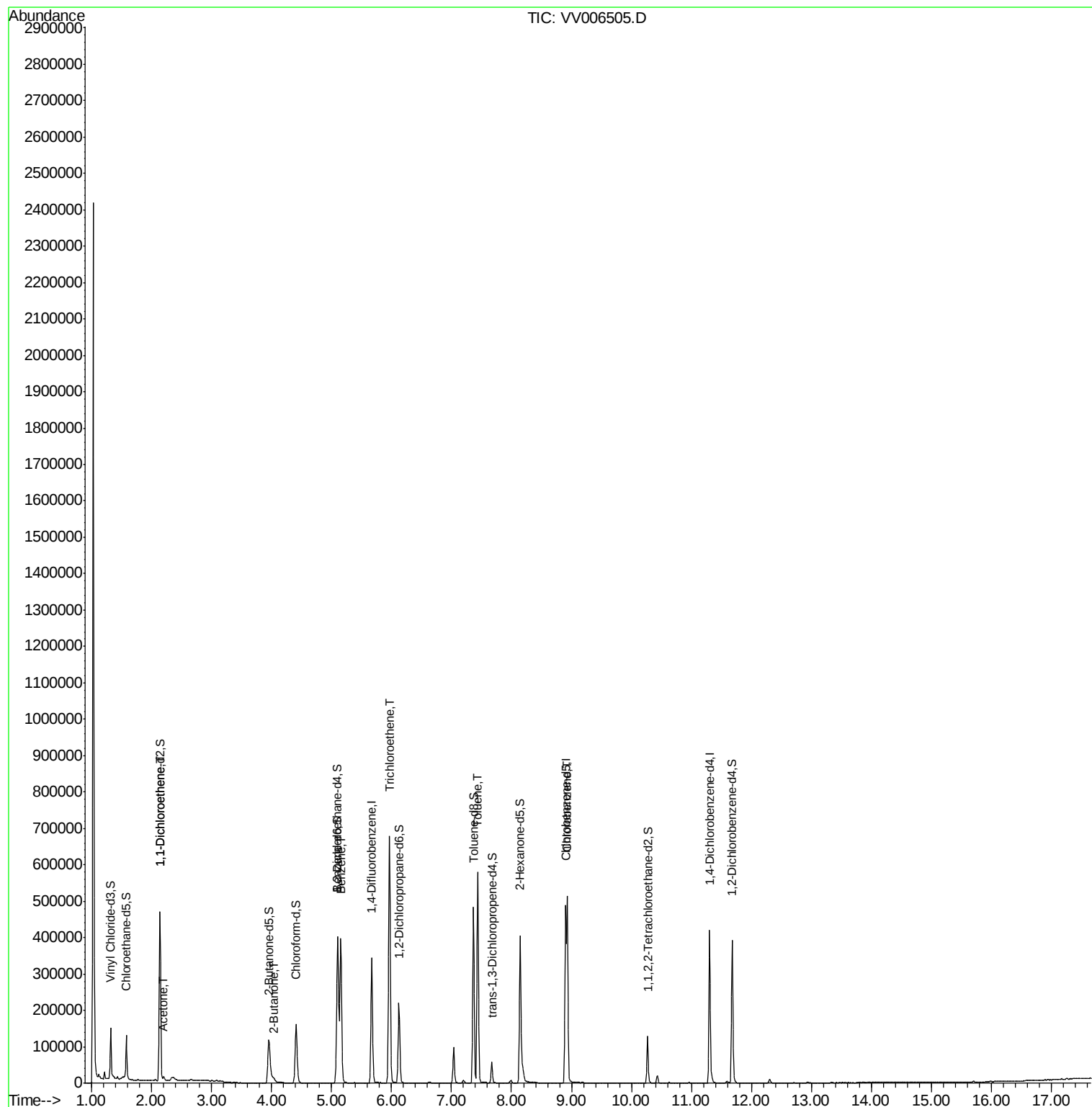
					Ovalue
12) 1,1-Dichloroethene	2.15	96	92564	4.99	ug/L 93
13) Acetone	2.20	43	8385	3.62	ug/L 97
21) 2-Butanone	4.05	43	7473	1.78	ug/L 99
33) Benzene	5.15	78	412310	5.04	ug/L 100
34) Trichloroethene	5.97	95	235411	10.06	ug/L 98
42) Toluene	7.44	91	430061	4.96	ug/L 99
51) Chlorobenzene	8.93	112	278184	4.85	ug/L 99

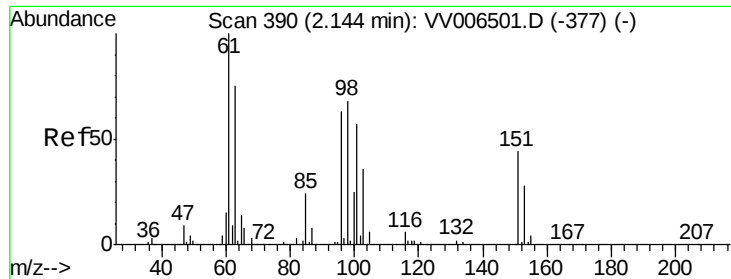
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 4.99 ug/L

RT: 2.15 min Scan# 391

Delta R.T. 0.00 min

Lab File: VV006505.D

Acq: 29 Jun 2018 13:19

Instrument :

MSVOA_V

ClientSampleId :

ESWH0MS

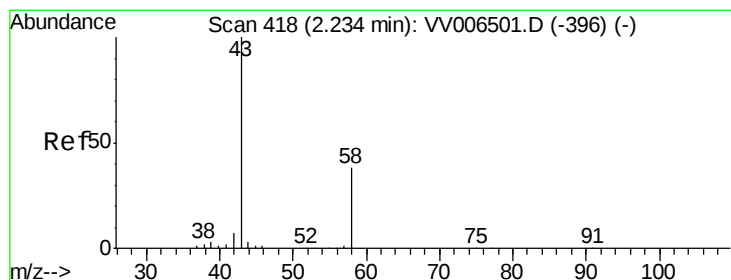
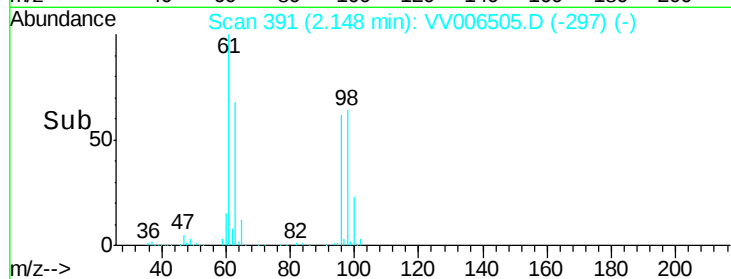
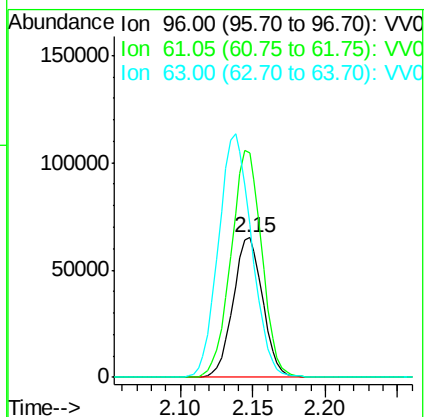
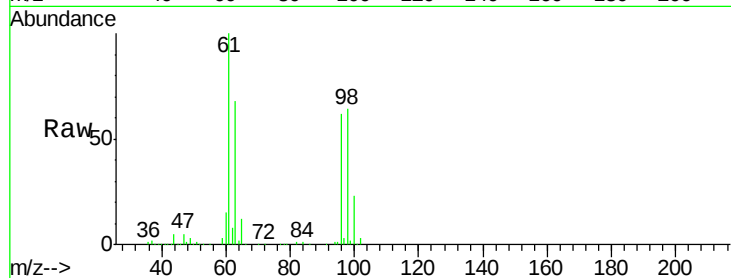
Tot Ion: 96 Resp: 92564

Ion Ratio Lower Upper

96 100

61 160.6 111.4 207.0

63 109.4 87.4 162.2



#13

Acetone

Concen: 3.62 ug/L

RT: 2.20 min Scan# 408

Delta R.T. -0.03 min

Lab File: VV006505.D

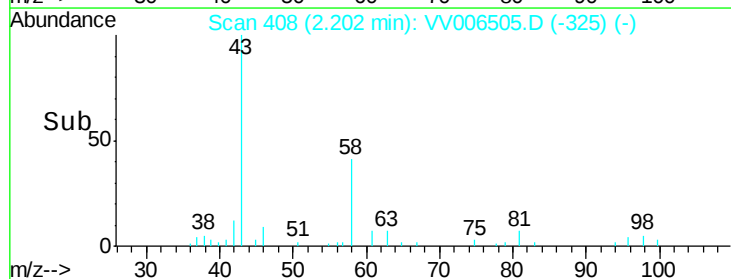
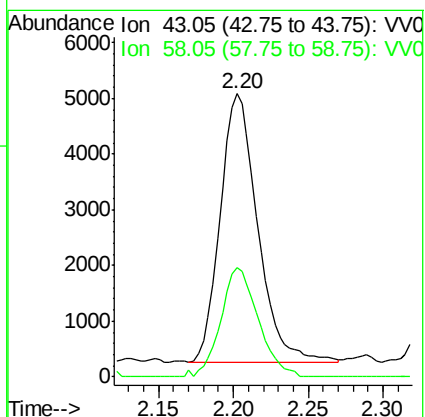
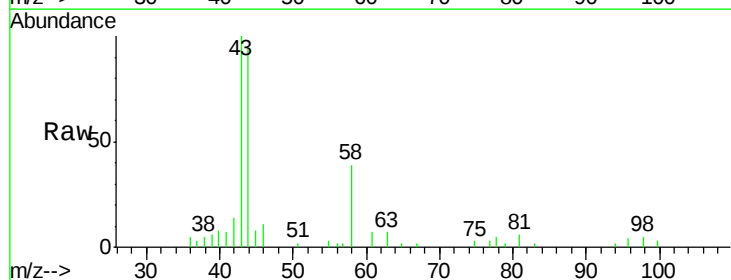
Acq: 29 Jun 2018 13:19

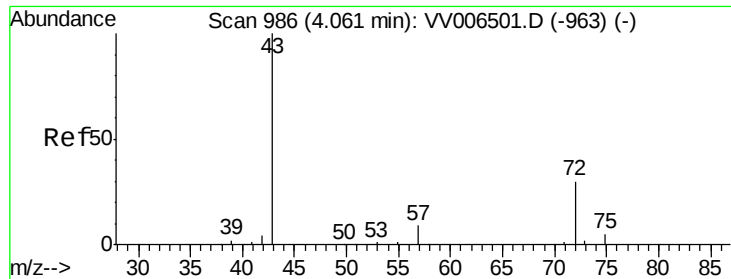
Tgt Ion: 43 Resp: 8385

Ion Ratio Lower Upper

43 100

58 40.8 0.0 77.4





#21

2-Butanone

Concen: 1.78 ug/L

RT: 4.05 min Scan# 982

Delta R.T. -0.01 min

Lab File: VV006505.D

Acq: 29 Jun 2018 13:19

Instrument :

MSVOA_V

ClientSampleId :

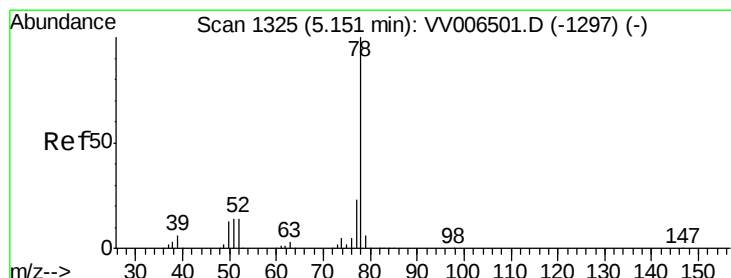
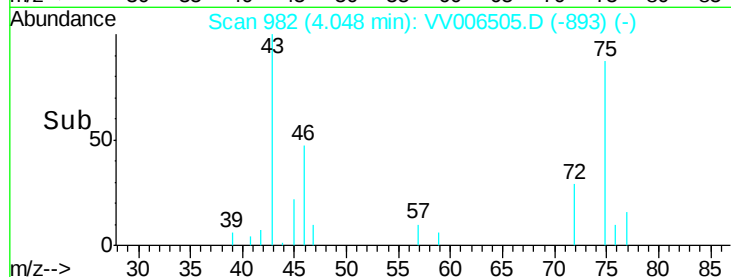
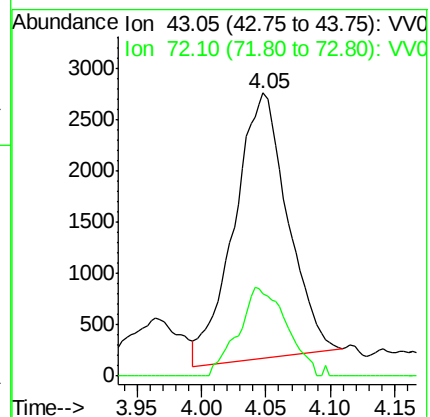
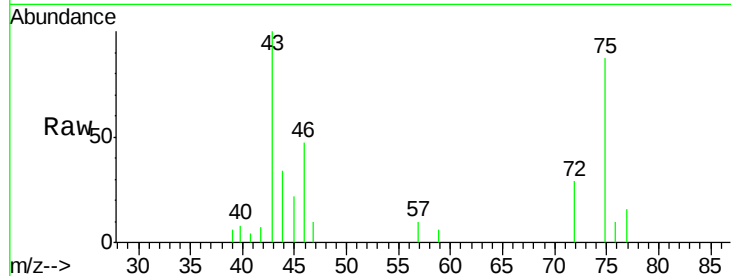
ESWH0MS

Tot Ion: 43 Resp: 7473

Ion Ratio Lower Upper

43 100

72 30.0 15.4 46.1



#33

Benzene

Concen: 5.04 ug/L

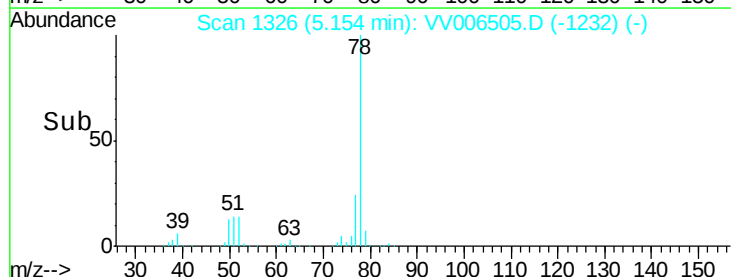
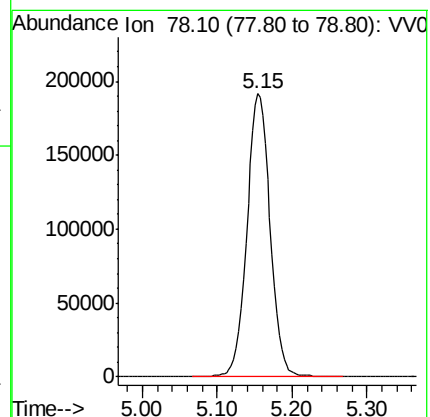
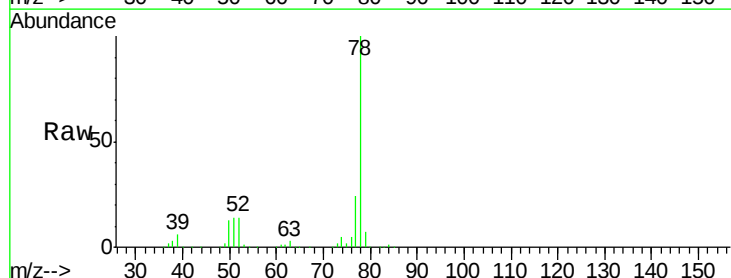
RT: 5.15 min Scan# 1326

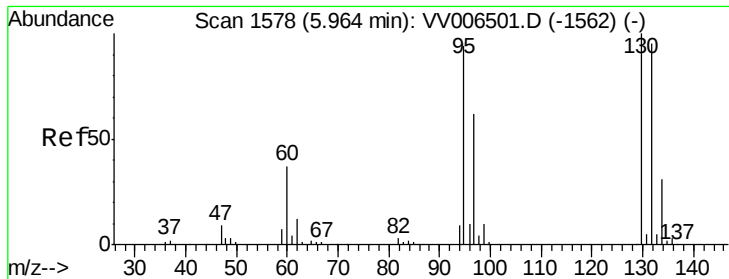
Delta R.T. 0.00 min

Lab File: VV006505.D

Acq: 29 Jun 2018 13:19

Tgt Ion: 78 Resp: 412310

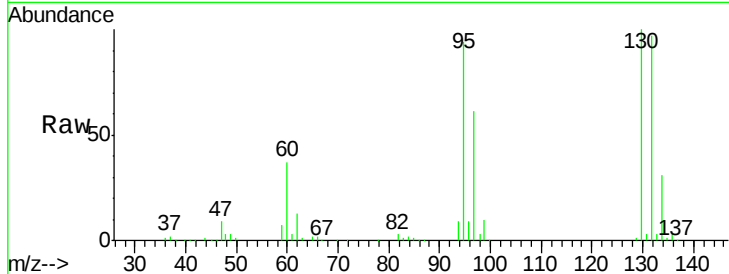




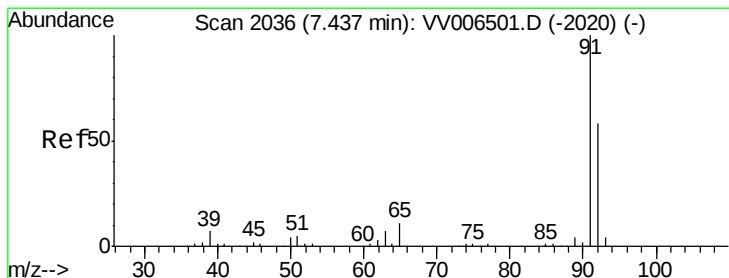
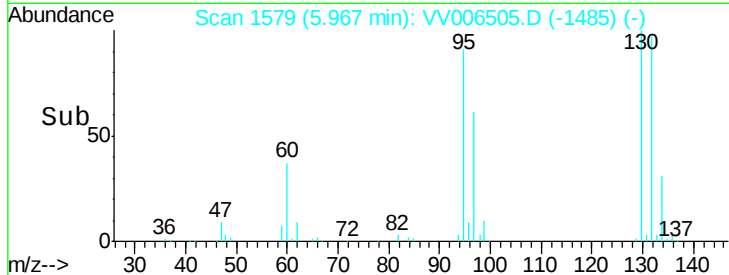
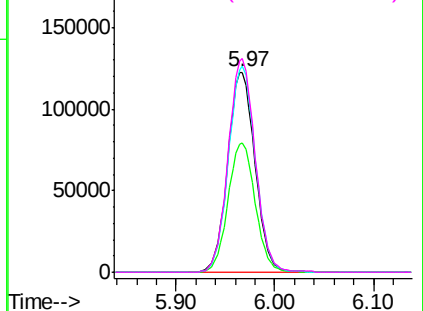
#34
 Trichloroethene
 Concen: 10.06 ug/L
 RT: 5.97 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: VV006505.D
 Acq: 29 Jun 2018 13:19

Instrument :
 MSVOA_V
 ClientSampleId :
 ESWH0MS

Tot Ion: 95 Resp: 235411
 Ion Ratio Lower Upper
 95 100
 97 64.9 44.6 82.8
 132 103.3 70.1 130.1
 130 106.7 73.3 136.1

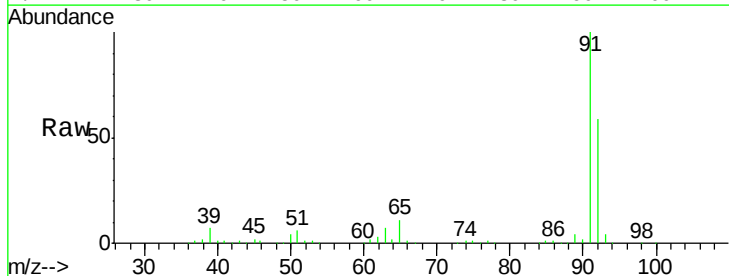


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

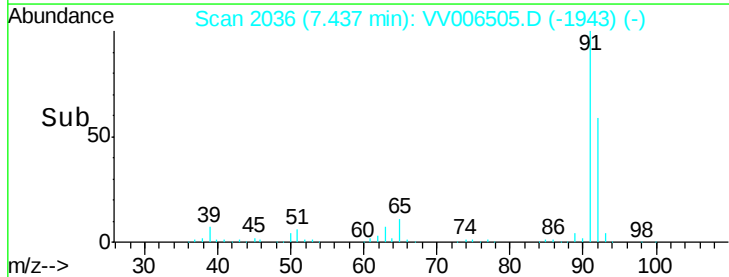
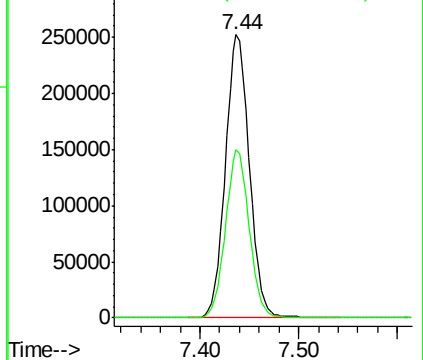


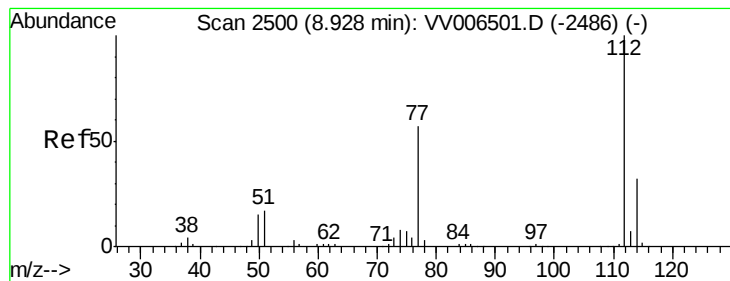
#42
 Toluene
 Concen: 4.96 ug/L
 RT: 7.44 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VV006505.D
 Acq: 29 Jun 2018 13:19

Tgt Ion: 91 Resp: 430061
 Ion Ratio Lower Upper
 91 100
 92 59.3 41.2 76.4



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





#51

Chlorobenzene

Concen: 4.85 ug/L

RT: 8.93 min Scan# 2501

Delta R.T. 0.00 min

Lab File: VV006505.D

Acq: 29 Jun 2018 13:19

Instrument :
MSVOA_V
ClientSampleId :
ESWH0MS

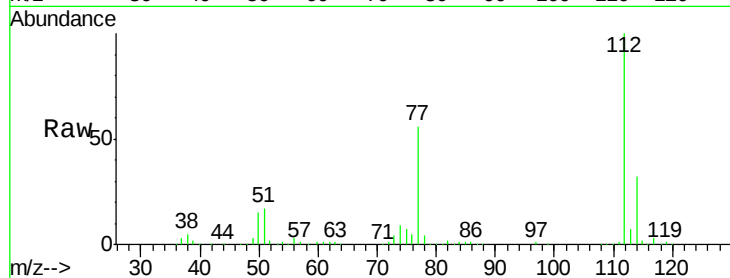
Tot Ion:112 Resp: 278184

Ion Ratio Lower Upper

112 100

114 31.9 22.8 42.4

77 55.9 44.6 66.8



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): V

