

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062918\
 Data File : VV006506.D
 Acq On : 29 Jun 2018 13:46
 Operator : SY/MD
 Sample : J3781-03MSD
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ESWH0MSD

Quant Time: Jun 30 02:37:31 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	302266	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	267788	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	116979	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	102726	5.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.40%
7) Chloroethane-d5	1.58	69	82644	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.20%
11) 1,1-Dichloroethene-d2	2.13	63	181353	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.00%
20) 2-Butanone-d5	3.95	46	198178	53.21	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.42%
24) Chloroform-d	4.41	84	166096	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.09	65	81578	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
32) Benzene-d6	5.11	84	370822	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.40%
36) 1,2-Dichloropropane-d6	6.12	67	110171	5.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.00%
41) Toluene-d8	7.37	98	330034	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
43) trans-1,3-Dichloropropene-	7.67	79	32337	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	8.14	63	146089	48.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.38%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	61834	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	112992	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

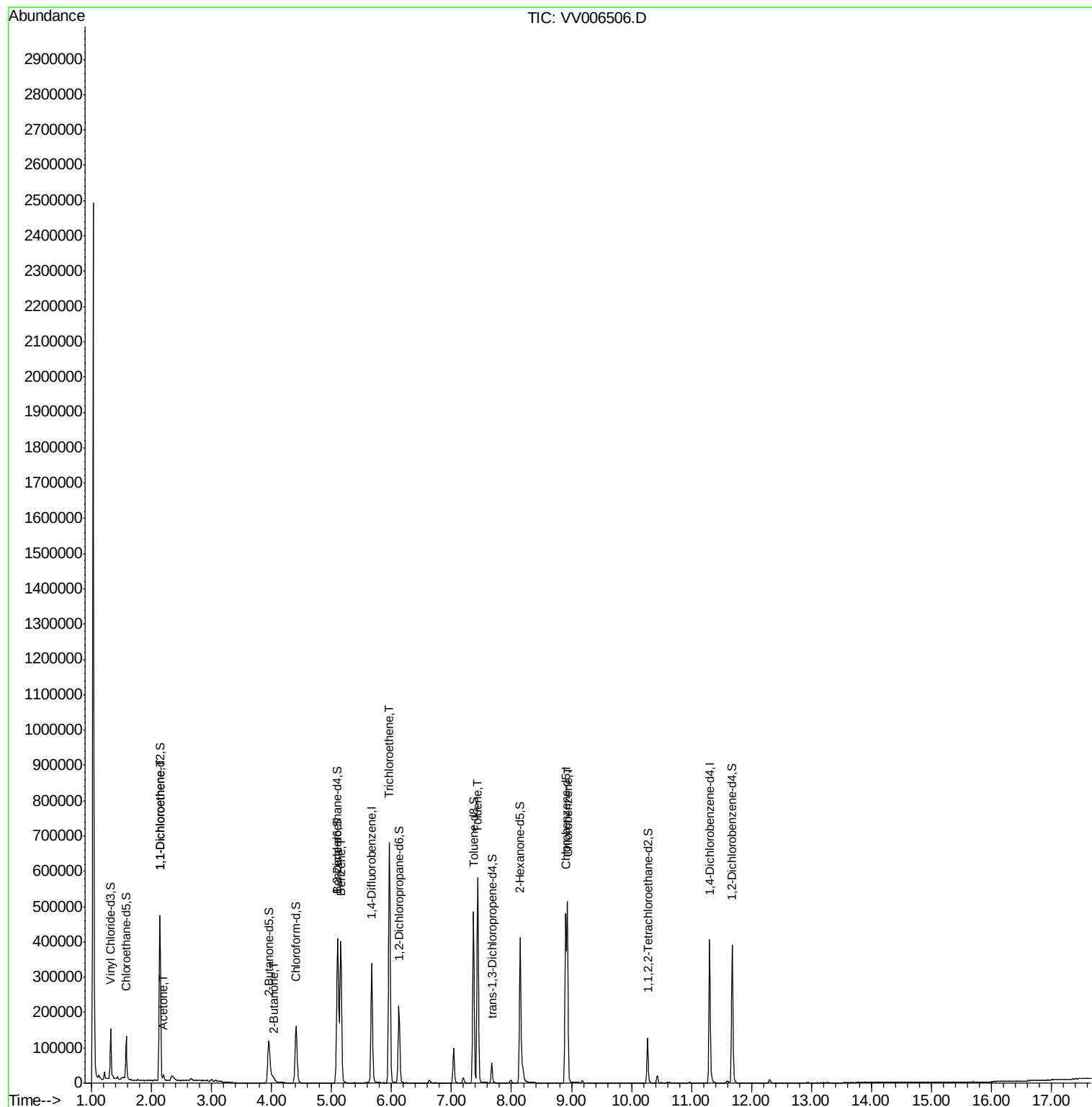
						Ovalue
12) 1,1-Dichloroethene	2.14	96	93930	5.14	ug/L	99
13) Acetone	2.20	43	15176	6.65	ug/L	100
21) 2-Butanone	4.04	43	7677	1.86	ug/L	93
33) Benzene	5.15	78	412073	5.21	ug/L	100
34) Trichloroethene	5.96	95	236935	10.47	ug/L	98
42) Toluene	7.44	91	430969	5.15	ug/L	99
51) Chlorobenzene	8.93	112	279908	5.05	ug/L	99

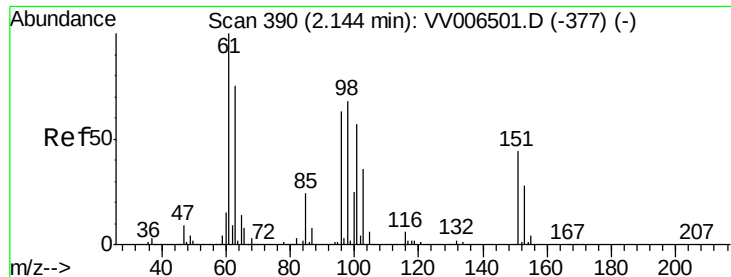
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 30 02:15:06 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 5.14 ug/L

RT: 2.14 min Scan# 390

Delta R.T. 0.00 min

Lab File: VV006506.D

Acq: 29 Jun 2018 13:46

Instrument :

MSVOA_V

ClientSampleId :

ESWH0MSD

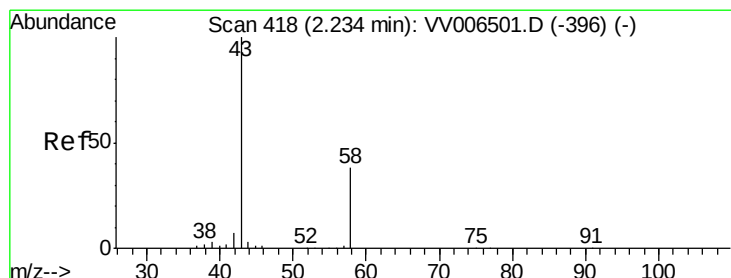
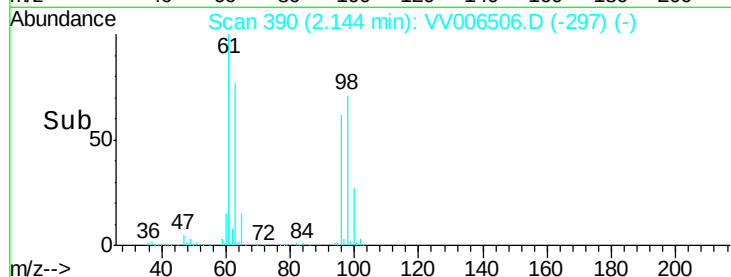
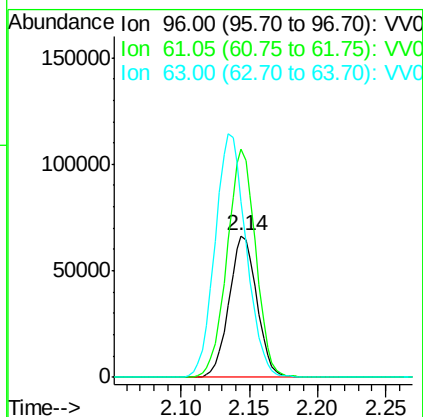
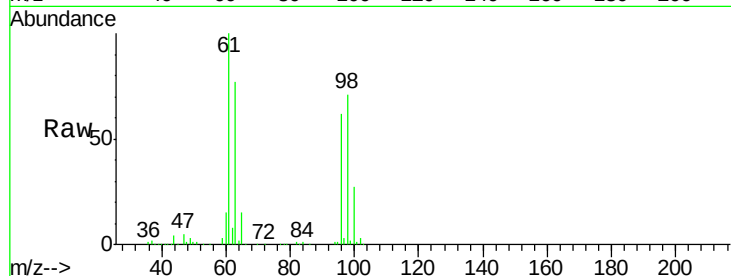
Tot Ion: 96 Resp: 93930

Ion Ratio Lower Upper

96 100

61 161.2 111.4 207.0

63 124.4 87.4 162.2



#13

Acetone

Concen: 6.65 ug/L

RT: 2.20 min Scan# 407

Delta R.T. -0.04 min

Lab File: VV006506.D

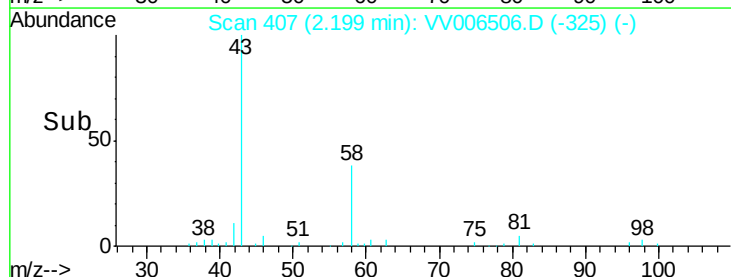
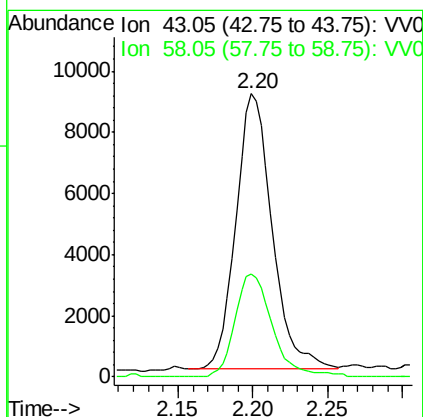
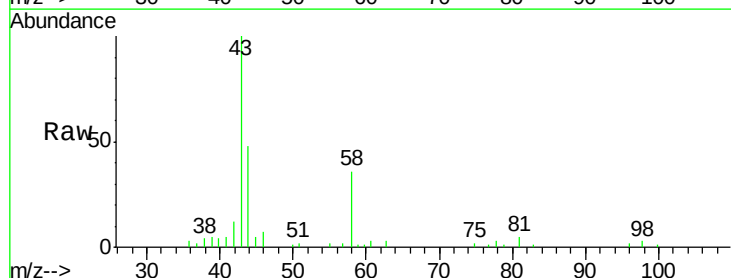
Acq: 29 Jun 2018 13:46

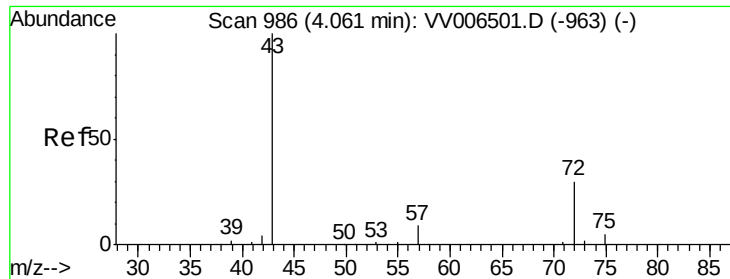
Tgt Ion: 43 Resp: 15176

Ion Ratio Lower Upper

43 100

58 38.7 0.0 77.4





#21

2-Butanone

Concen: 1.86 ug/L

RT: 4.04 min Scan# 981

Delta R.T. -0.02 min

Lab File: VV006506.D

Acq: 29 Jun 2018 13:46

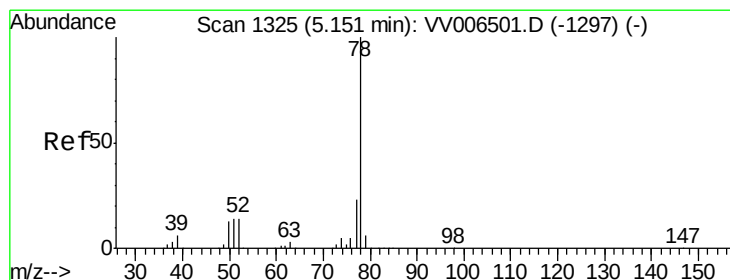
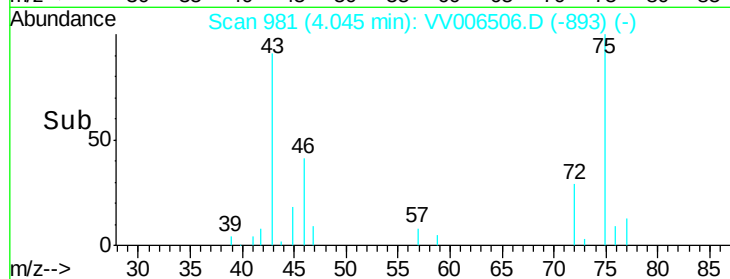
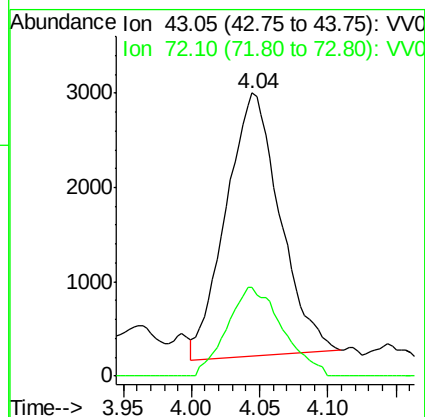
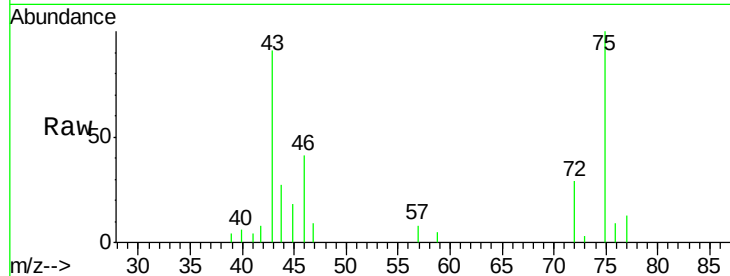
Instrument :
MSVOA_V
ClientSampleId :
ESWH0MSD

Tot Ion: 43 Resp: 7677

Ion Ratio Lower Upper

43 100

72 34.7 15.4 46.1



#33

Benzene

Concen: 5.21 ug/L

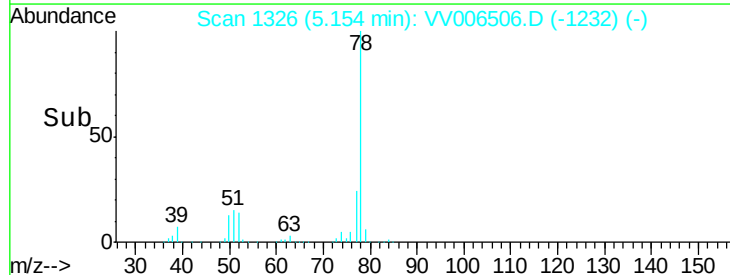
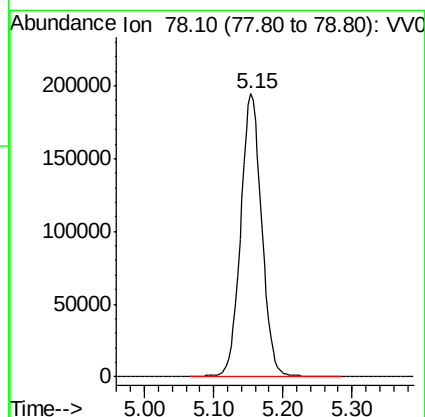
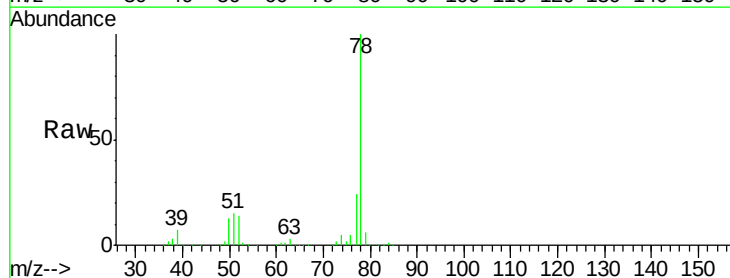
RT: 5.15 min Scan# 1326

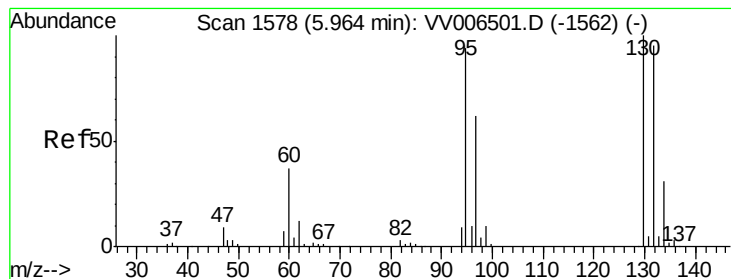
Delta R.T. 0.00 min

Lab File: VV006506.D

Acq: 29 Jun 2018 13:46

Tgt Ion: 78 Resp: 412073





#34

Trichloroethene

Concen: 10.47 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV006506.D

Acq: 29 Jun 2018 13:46

Instrument :

MSVOA_V

ClientSampleId :

ESWH0MSD

Tot Ion: 95 Resp: 236935

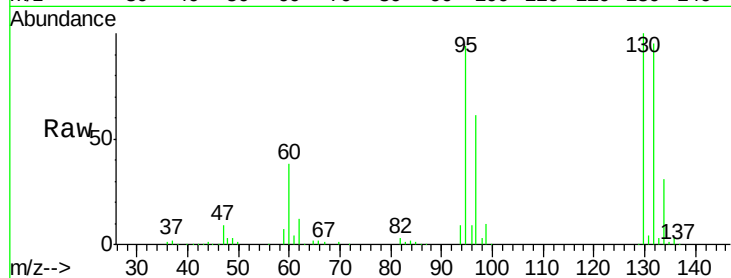
Ion Ratio Lower Upper

95 100

97 65.4 44.6 82.8

132 101.8 70.1 130.1

130 106.6 73.3 136.1

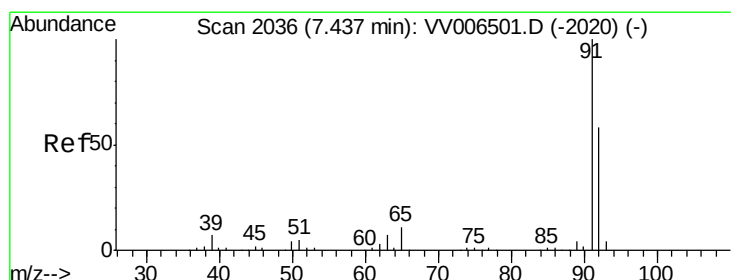
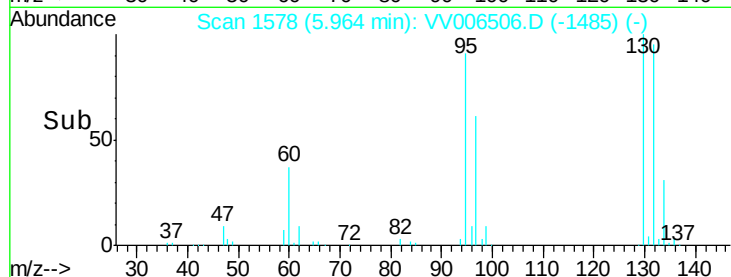
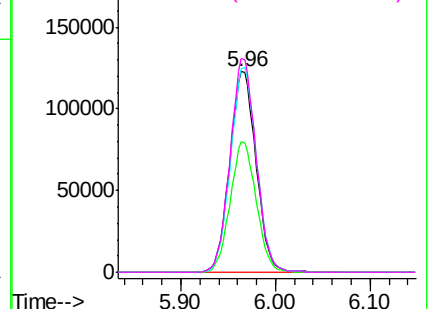


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 5.15 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VV006506.D

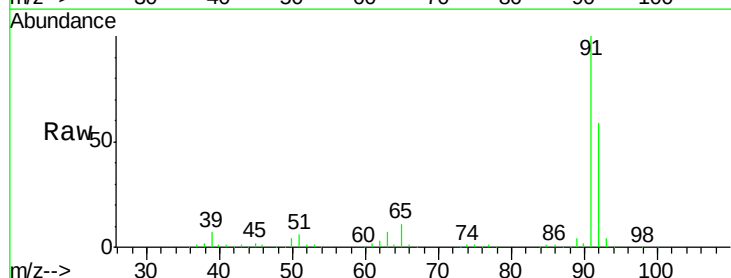
Acq: 29 Jun 2018 13:46

Tgt Ion: 91 Resp: 430969

Ion Ratio Lower Upper

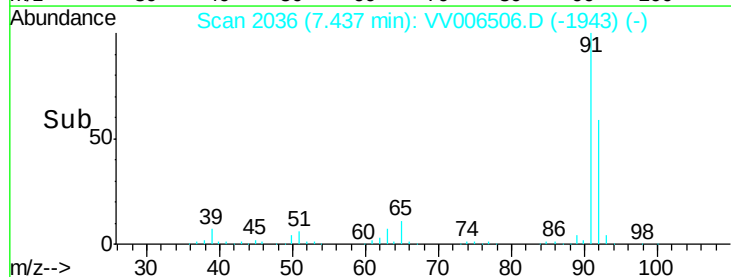
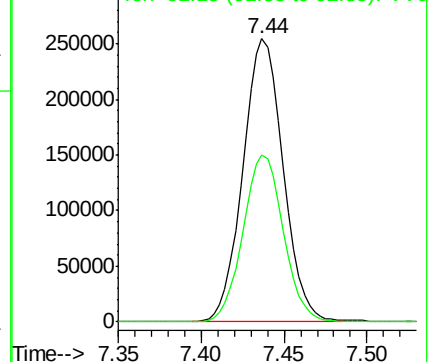
91 100

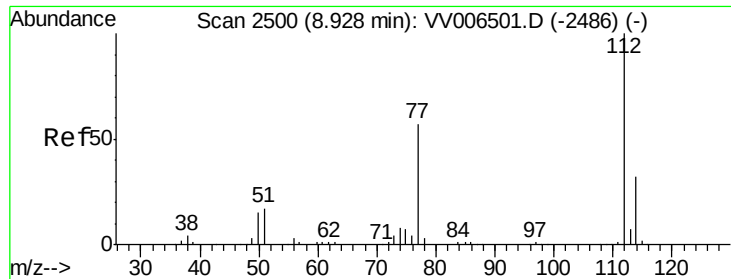
92 59.2 41.2 76.4



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0





#51
 Chlorobenzene
 Concen: 5.05 ug/L
 RT: 8.93 min Scan# 2501
 Delta R.T. 0.00 min
 Lab File: VV006506.D
 Acq: 29 Jun 2018 13:46

Instrument :
 MSVOA_V
 ClientSampleId :
 ESWH0MSD

Tot Ion:	112	Resp:	279908
Ion	Ratio	Lower	Upper
112	100		
114	31.6	22.8	42.4
77	56.5	44.6	66.8

