

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102618\
 Data File : VV008442.D
 Acq On : 26 Oct 2018 18:42
 Operator : SY/MD
 Sample : J5669-15MSD
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETBW4

Quant Time: Oct 27 05:54:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 27 04:42:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	190864	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	177174	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	74514	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	50697	47.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.94%
7) Chloroethane-d5	1.56	69	38547	50.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.04%
11) 1,1-Dichloroethene-d2	2.13	63	82222	43.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.16%
21) 2-Butanone-d5	3.94	46	105977	92.27	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.27%
24) Chloroform-d	4.41	84	120396	46.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.38%
26) 1,2-Dichloroethane-d4	5.09	65	85599	49.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.24%
32) Benzene-d6	5.10	84	248368	49.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.38%
36) 1,2-Dichloropropane-d6	6.12	67	84589	48.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.54%
41) Toluene-d8	7.36	98	226088	49.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.64%
43) trans-1,3-Dichloropropene-	7.67	79	39710	46.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.28%
47) 2-Hexanone-d5	8.14	63	82838	90.52	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.52%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	113715	47.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.82%
64) 1,2-Dichlorobenzene-d4	11.68	152	76504	50.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.38%

Target Compounds

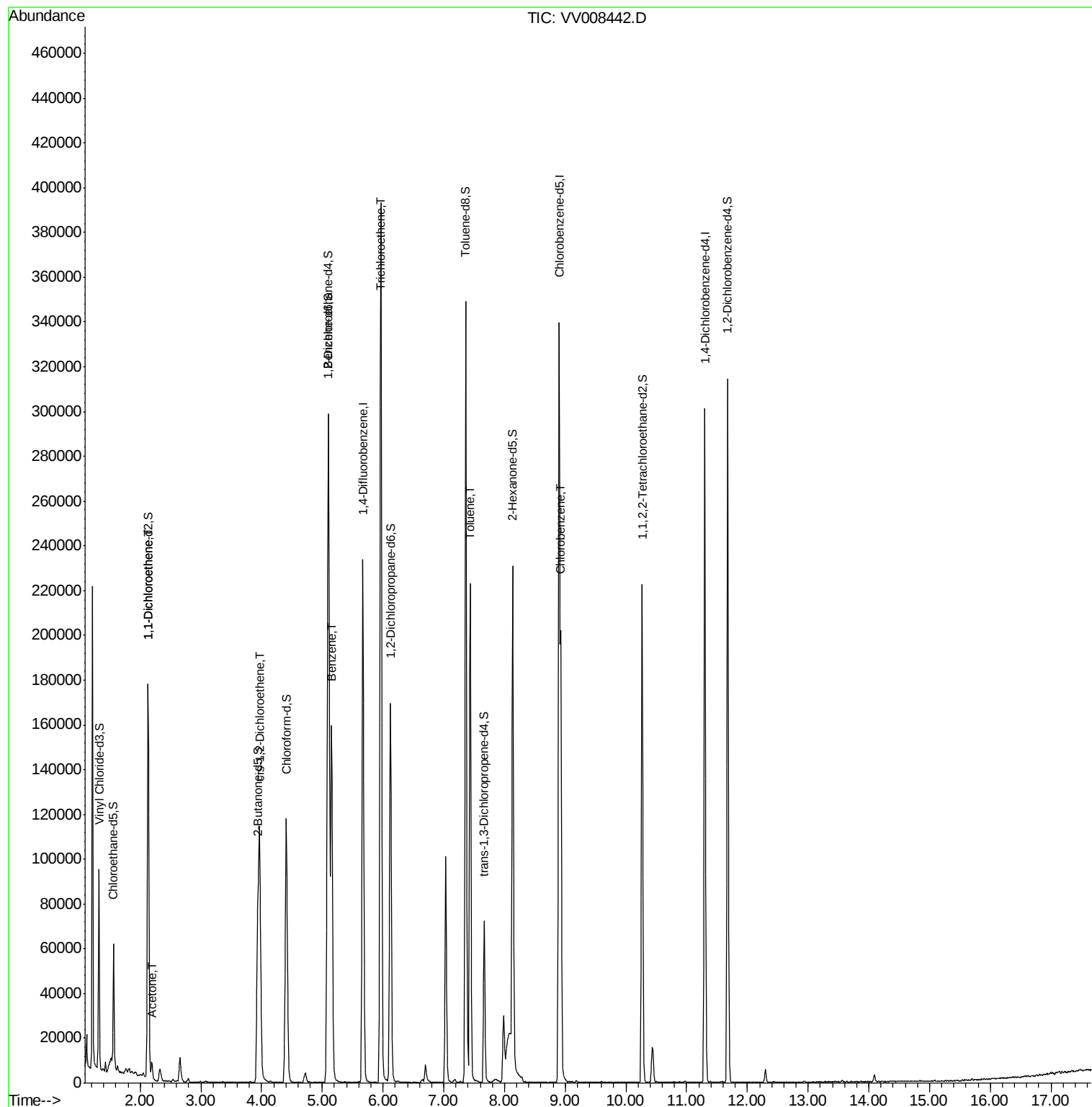
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.14	96	22863	26.698	ug/L #	66
13) Acetone	2.19	43	4667	5.236	ug/L	96
20) cis-1,2-Dichloroethene	3.97	96	52888	35.562	ug/L	95
33) Benzene	5.15	78	155309	26.817	ug/L	100
34) Trichloroethene	5.96	95	140650	94.859	ug/L	99
42) Toluene	7.43	91	158474	26.343	ug/L	98
51) Chlorobenzene	8.93	112	96238	25.981	ug/L	100

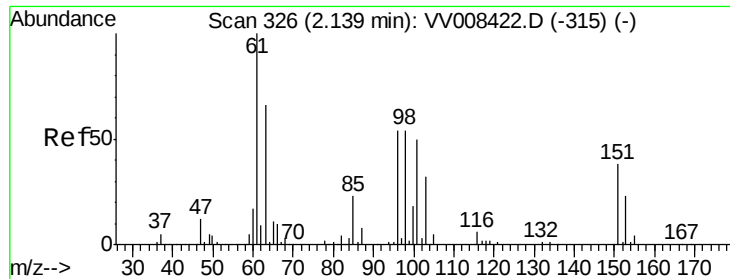
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Oct 27 04:42:32 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 26.698 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VV008442.D

Acq: 26 Oct 2018 18:42

Instrument :

MSVOA_V

ClientSampleId :

ETBW4

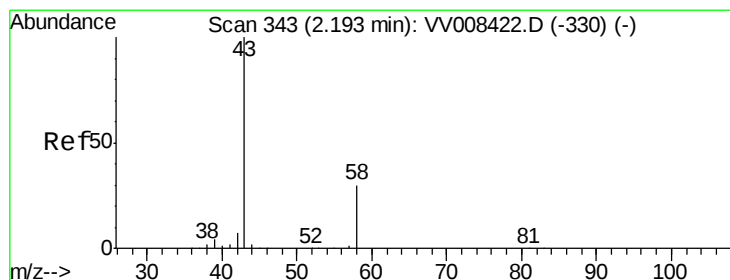
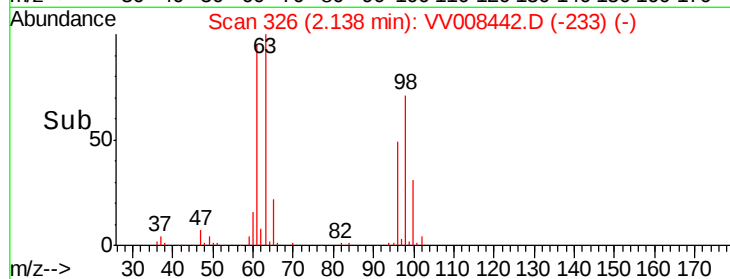
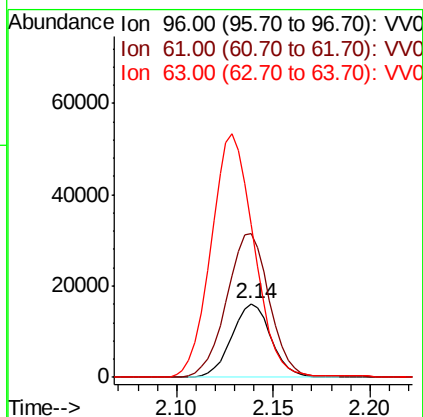
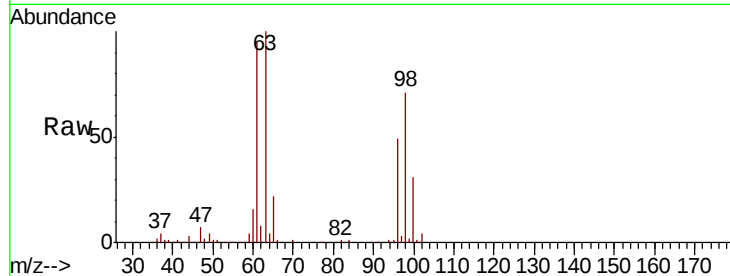
Tot Ion: 96 Resp: 22863

Ion Ratio Lower Upper

96 100

61 195.4 130.3 242.1

63 205.8 84.4 156.8#



#13

Acetone

Concen: 5.236 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.00 min

Lab File: VV008442.D

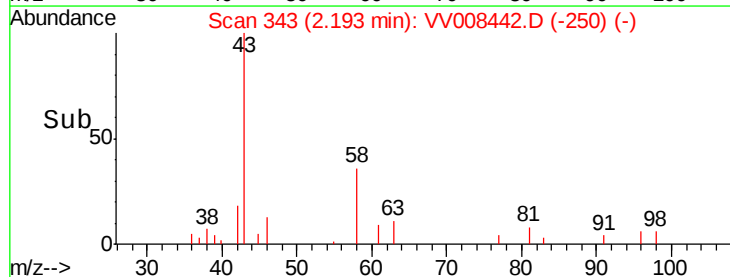
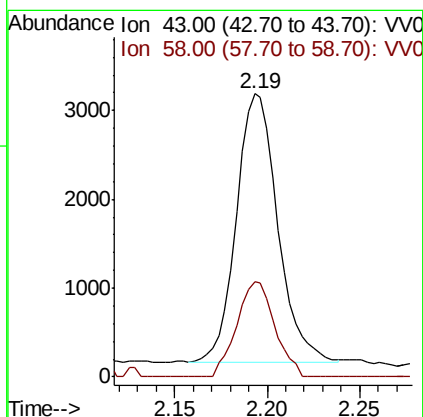
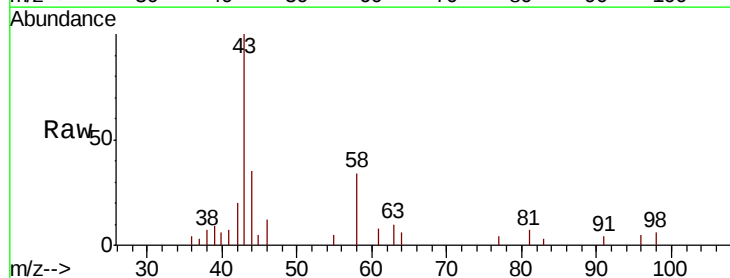
Acq: 26 Oct 2018 18:42

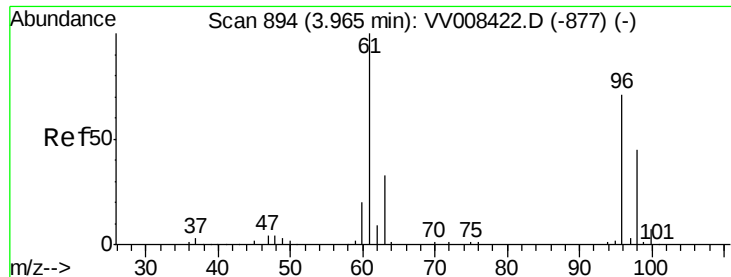
Tgt Ion: 43 Resp: 4667

Ion Ratio Lower Upper

43 100

58 32.7 0.0 61.4

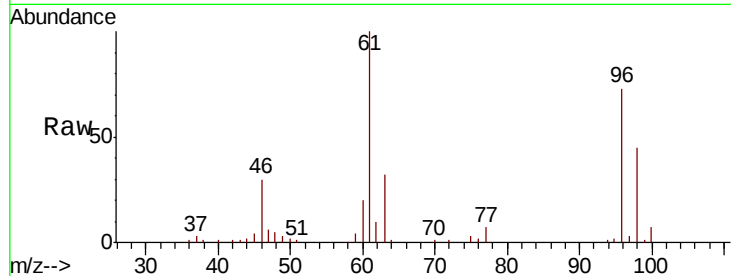




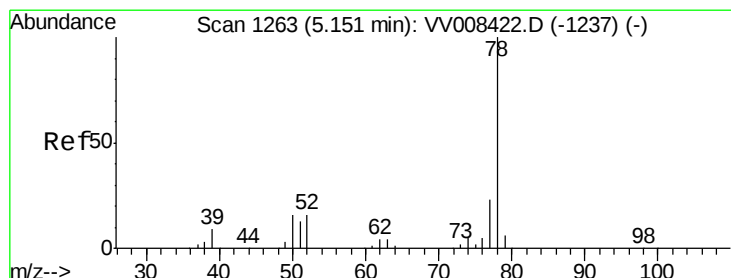
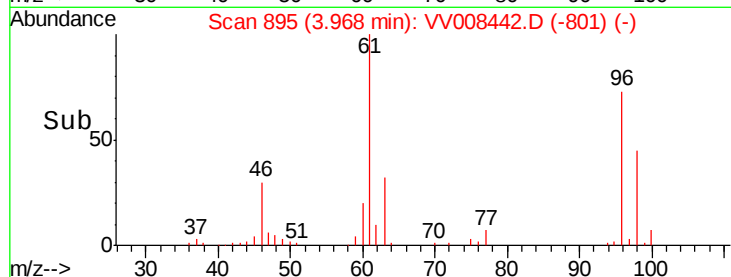
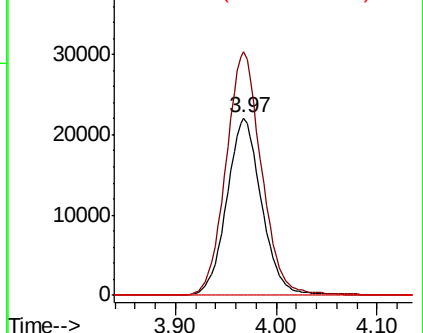
#20
 cis-1,2-Dichloroethene
 Concen: 35.562 ug/L
 RT: 3.97 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: VV008442.D
 Acq: 26 Oct 2018 18:42

Instrument :
 MSVOA_V
 ClientSampleId :
 ETBW4

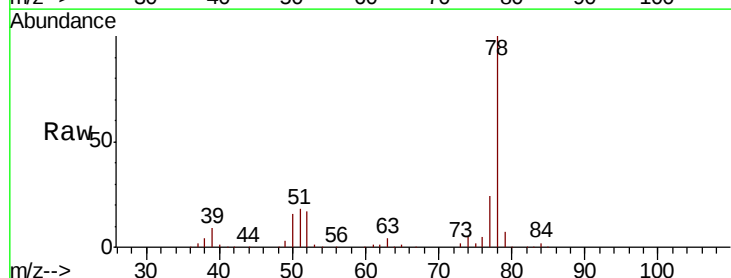
Tot Ion: 96 Resp: 52888
 Ion Ratio Lower Upper
 96 100
 61 137.5 100.9 187.5
 68 0.0 0.0 0.0



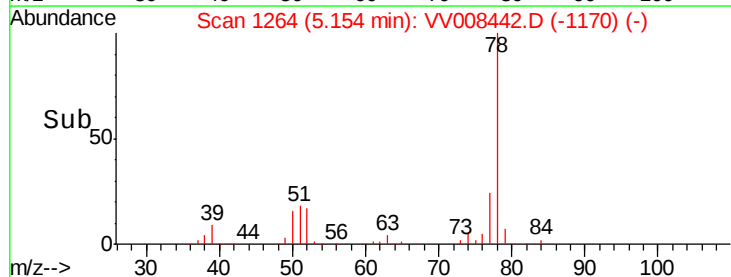
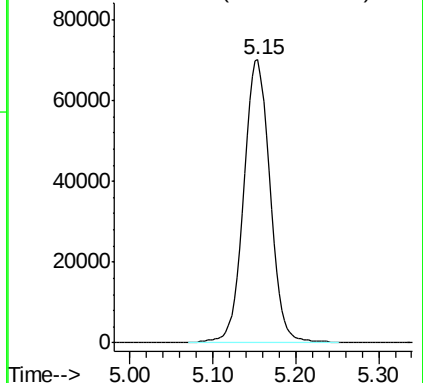
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.00 (60.70 to 61.70): VV0
 Ion 68.00 (67.70 to 68.70): VV0

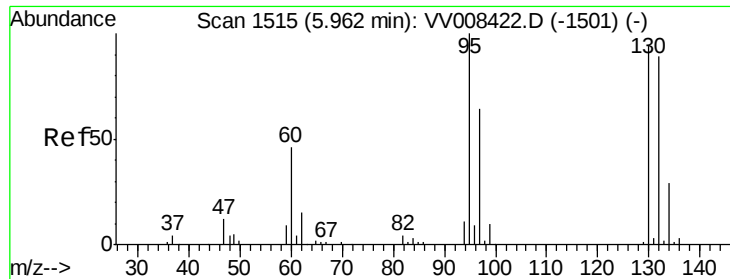


#33
 Benzene
 Concen: 26.817 ug/L
 RT: 5.15 min Scan# 1264
 Delta R.T. 0.00 min
 Lab File: VV008442.D
 Acq: 26 Oct 2018 18:42
 Tgt Ion: 78 Resp: 155309



Abundance Ion 78.00 (77.70 to 78.70): VV0





#34

Trichloroethene

Concen: 94.859 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV008442.D

Acq: 26 Oct 2018 18:42

Instrument :

MSVOA_V

ClientSampleId :

ETBW4

Tot Ion: 95 Resp: 140650

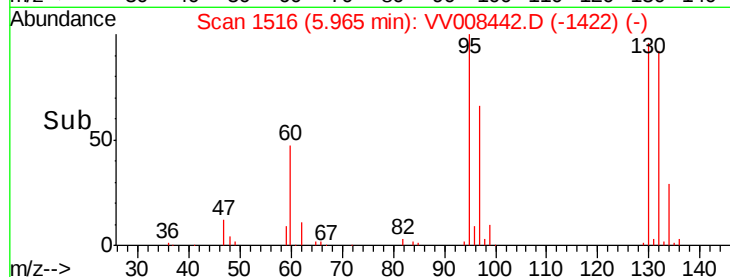
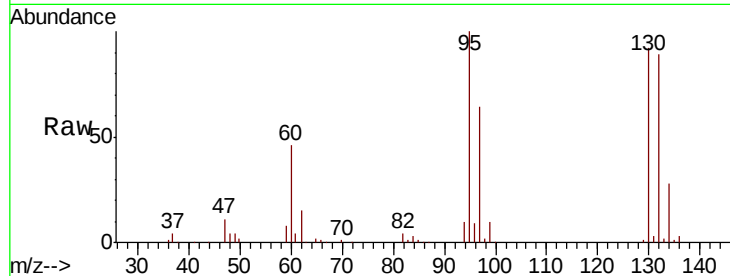
Ion Ratio Lower Upper

95 100

97 63.9 45.2 84.0

132 88.7 63.8 118.6

130 92.4 64.7 120.1

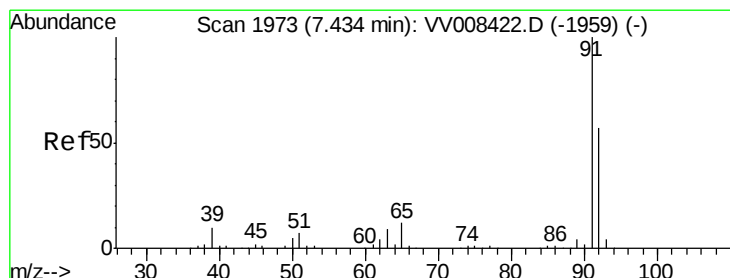
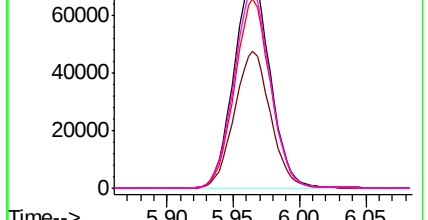


Abundance Ion 95.00 (94.70 to 95.70): VV008442.D (-1422) (-)

Ion 97.00 (96.70 to 97.70): VV008442.D (-1422) (-)

Ion 132.00 (131.70 to 132.70): VV008442.D (-1422) (-)

Ion 130.00 (129.70 to 130.70): VV008442.D (-1422) (-)



#42

Toluene

Concen: 26.343 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VV008442.D

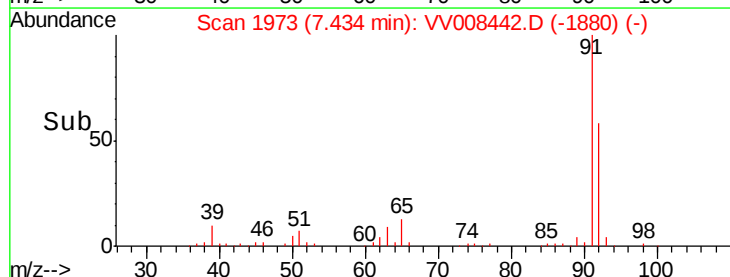
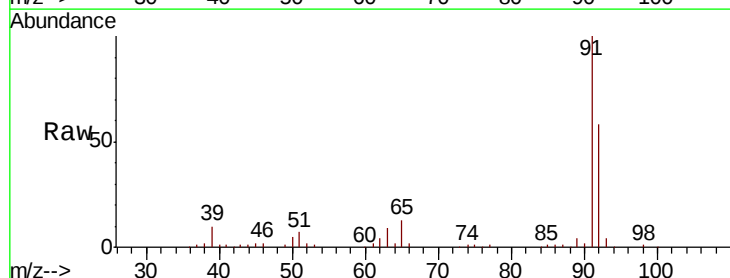
Acq: 26 Oct 2018 18:42

Tgt Ion: 91 Resp: 158474

Ion Ratio Lower Upper

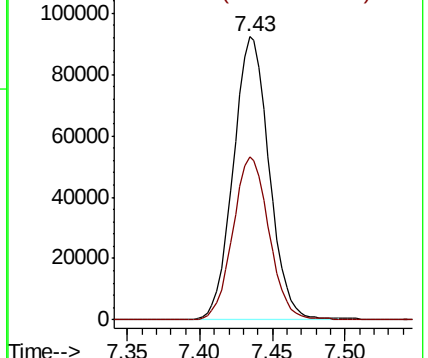
91 100

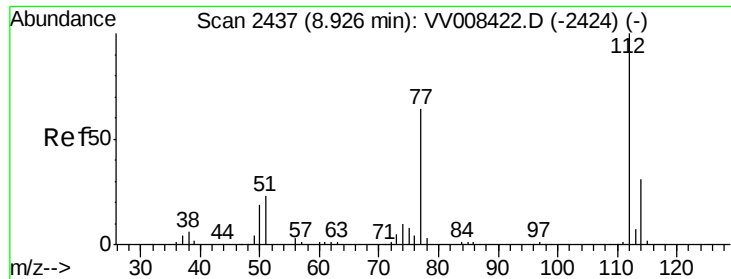
92 57.7 39.5 73.4



Abundance Ion 91.00 (90.70 to 91.70): VV008442.D (-1880) (-)

Ion 92.00 (91.70 to 92.70): VV008442.D (-1880) (-)





#51

Chlorobenzene

Concen: 25.981 ug/L

RT: 8.93 min Scan# 2438

Delta R.T. 0.00 min

Lab File: VV008442.D

Acq: 26 Oct 2018 18:42

Instrument :
MSVOA_V
ClientSampleId :
ETBW4

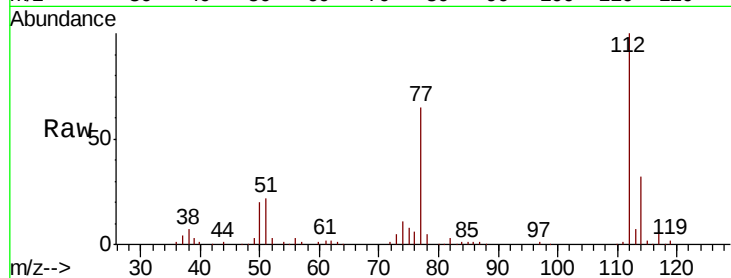
Tot Ion:112 Resp: 96238

Ion Ratio Lower Upper

112 100

114 31.8 22.5 41.7

77 64.7 52.0 78.0



Abundance Ion 112.00 (111.70 to 112.70): V
Ion 114.00 (113.70 to 114.70): V
Ion 77.00 (76.70 to 77.70): VV0

