

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112018\
 Data File : VV008682.D
 Acq On : 20 Nov 2018 18:38
 Operator : SY/MD
 Sample : J5997-15DL 250X
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E3YB1DL

Quant Time: Nov 21 01:36:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 21 01:28:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	274159	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	242254	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	101467	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	79117	40.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.82%
7) Chloroethane-d5	1.56	69	59942	56.73	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	113.46%
11) 1,1-Dichloroethene-d2	2.13	63	110361	34.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.14%
21) 2-Butanone-d5	3.93	46	147946	93.85	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.85%
24) Chloroform-d	4.41	84	170861	43.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.24%
26) 1,2-Dichloroethane-d4	5.08	65	117045	46.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.42%
32) Benzene-d6	5.10	84	363084	48.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.36%
36) 1,2-Dichloropropane-d6	6.12	67	117436	49.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.70%
41) Toluene-d8	7.36	98	318386	47.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.14%
43) trans-1,3-Dichloropropene-	7.67	79	42746	40.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.14%
47) 2-Hexanone-d5	8.14	63	100926	94.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.76%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	143527	44.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.34%
64) 1,2-Dichlorobenzene-d4	11.68	152	107794	48.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.34%

Target Compounds

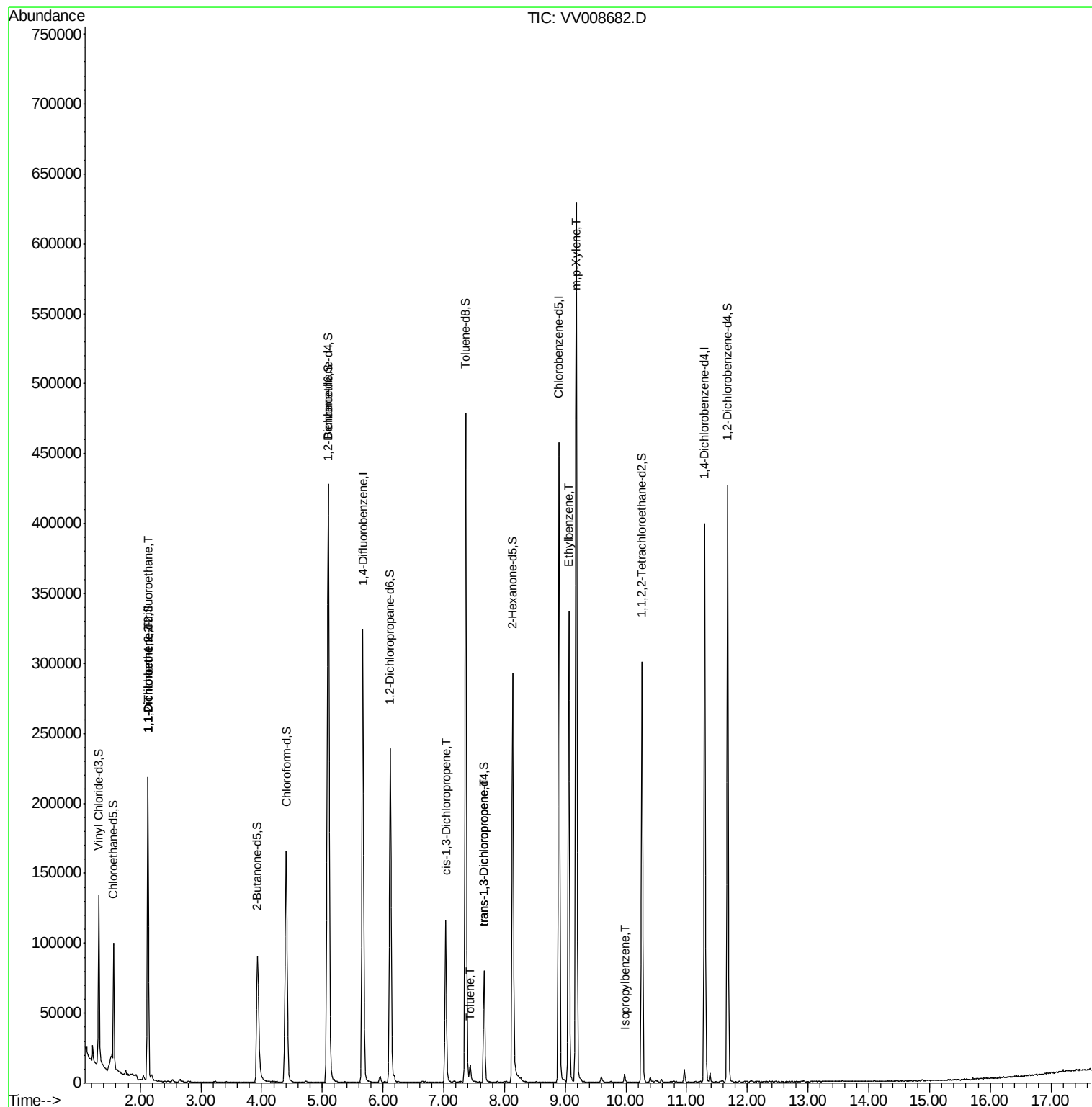
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1167	0.753 ug/L #	17
12) 1,1-Dichloroethene	2.13	96	1123	0.807 ug/L #	1
39) cis-1,3-Dichloropropene	7.04	75	2713	0.907 ug/L #	68
42) Toluene	7.43	91	8314	1.026 ug/L	96
44) trans-1,3-Dichloropropene	7.66	75	1782	0.655 ug/L	94
52) Ethylbenzene	9.06	91	230507	25.939 ug/L	99
53) m,p-Xylene	9.18	106	172361	52.783 ug/L	92
56) Isopropylbenzene	9.98	105	4032	0.472 ug/L	93

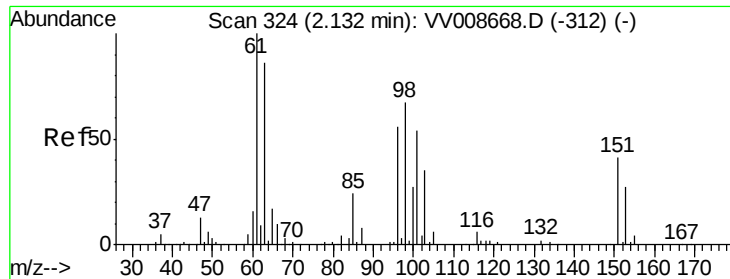
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 21 01:28:05 2018
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.753 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV008682.D

Acq: 20 Nov 2018 18:38

Instrument :

MSVOA_V

ClientSampleId :

E3YB1DL

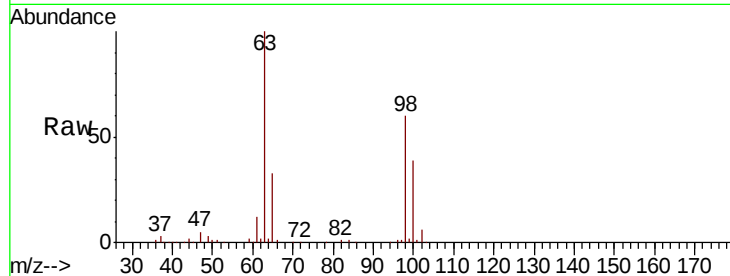
Tgt Ion: 101 Resp: 1167

Ion Ratio Lower Upper

101 100

85 0.0 37.0 55.6#

151 0.0 63.8 95.8#

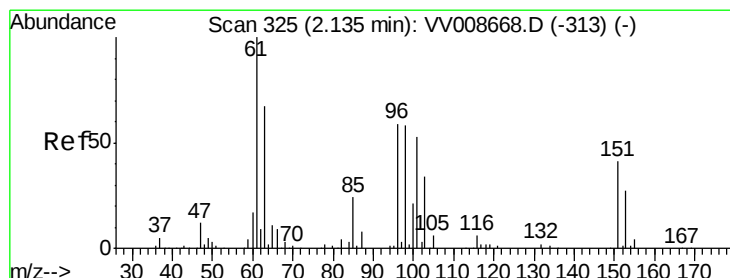
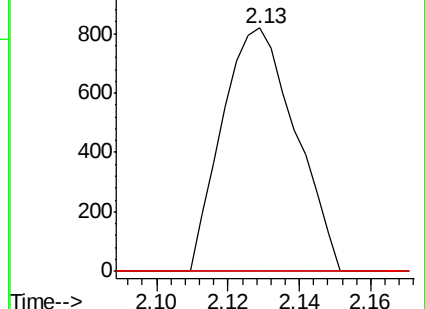
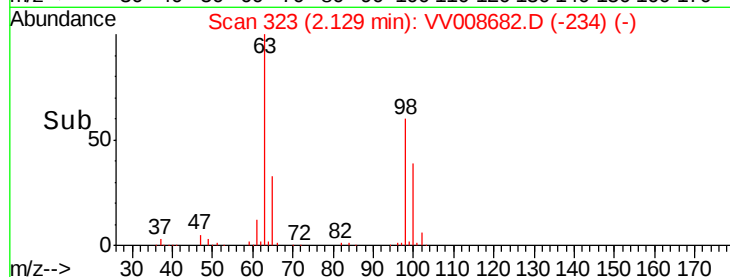


Abundance Ion 101.00 (100.70 to 101.70): VV008682.D (-234) (-)

Ion 85.00 (84.70 to 85.70): VV008682.D (-234) (-)

Ion 151.00 (150.70 to 151.70): VV008682.D (-234) (-)

Time-->



#12

1,1-Dichloroethene

Concen: 0.807 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV008682.D

Acq: 20 Nov 2018 18:38

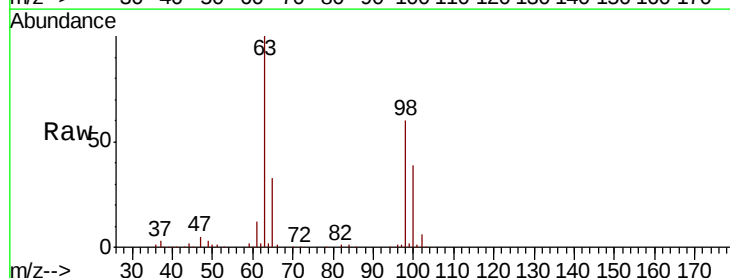
Tgt Ion: 96 Resp: 1123

Ion Ratio Lower Upper

96 100

61 1352.5 120.3 223.3#

63 10857.3 113.3 210.5#

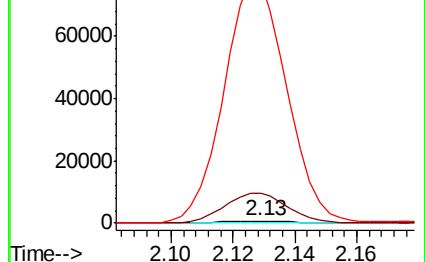
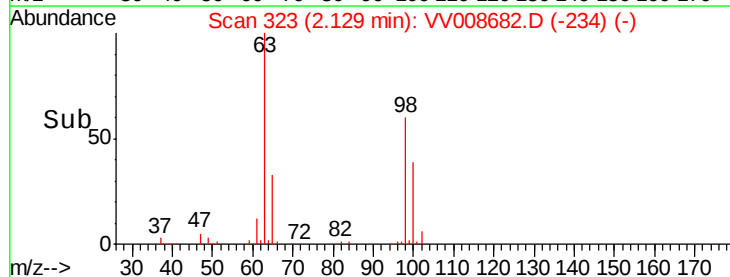


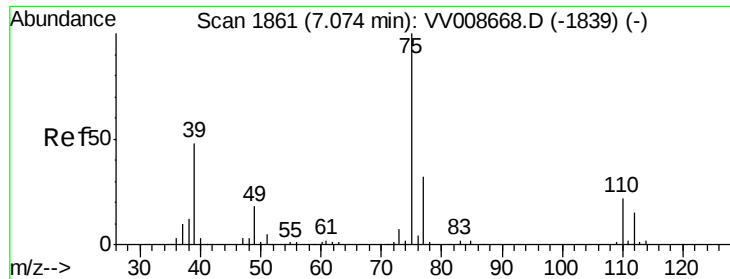
Abundance Ion 96.00 (95.70 to 96.70): VV008682.D (-234) (-)

Ion 61.00 (60.70 to 61.70): VV008682.D (-234) (-)

Ion 63.00 (62.70 to 63.70): VV008682.D (-234) (-)

Time-->

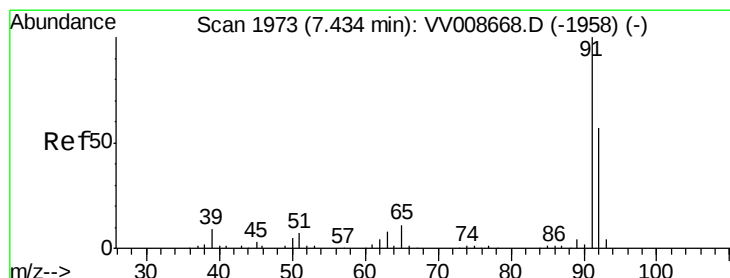
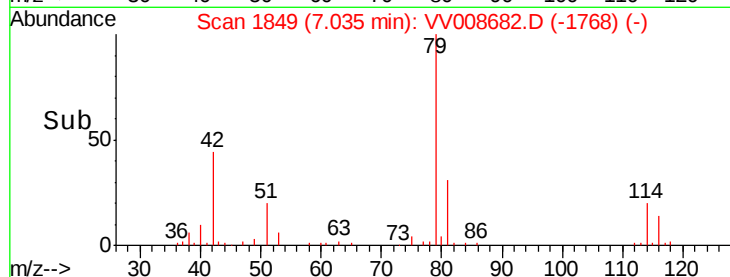
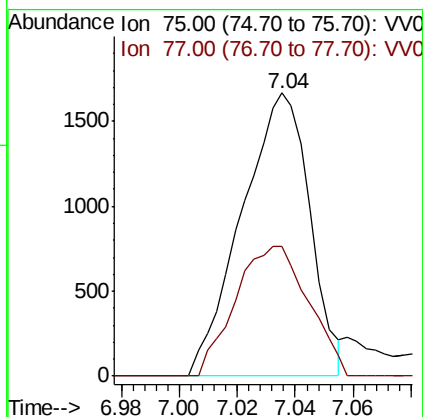
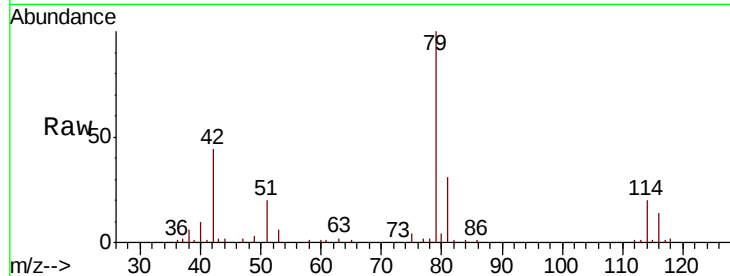




#39
 cis-1,3-Dichloropropene
 Concen: 0.907 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV008682.D
 Acq: 20 Nov 2018 18:38

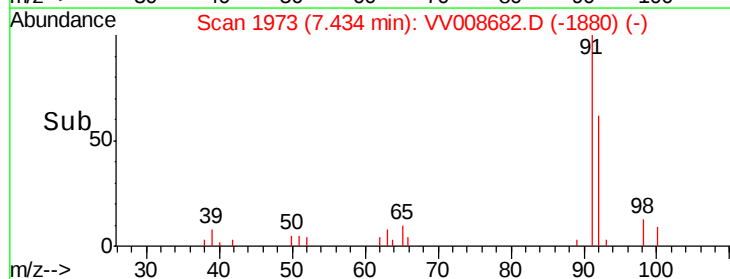
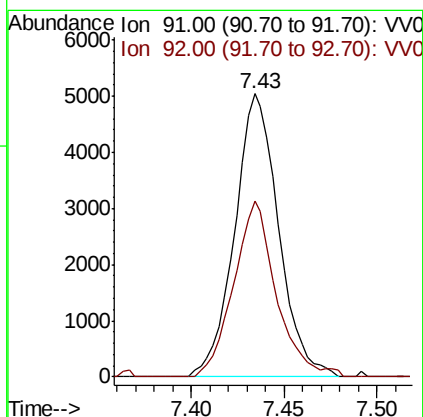
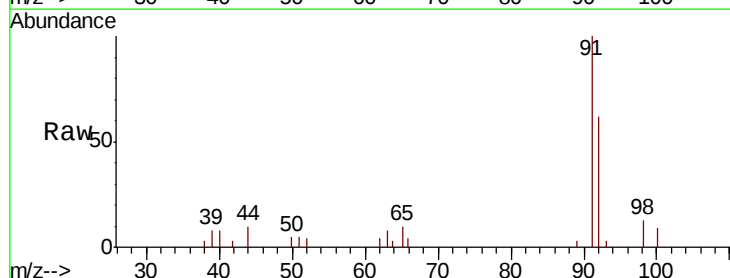
Instrument :
 MSVOA_V
 ClientSampleId :
 E3YB1DL

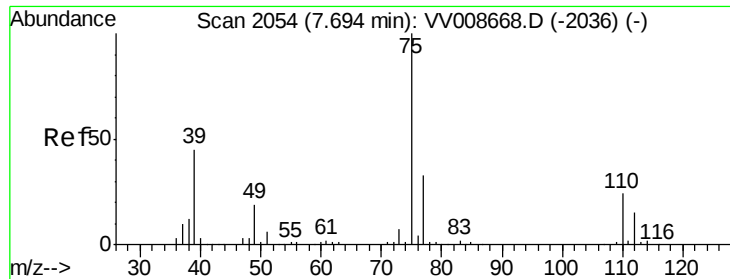
Tgt Ion: 75 Resp: 2713
 Ion Ratio Lower Upper
 75 100
 77 46.0 20.2 37.4#



#42
 Toluene
 Concen: 1.026 ug/L
 RT: 7.43 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VV008682.D
 Acq: 20 Nov 2018 18:38

Tgt Ion: 91 Resp: 8314
 Ion Ratio Lower Upper
 91 100
 92 62.1 41.6 77.2





#44

trans-1,3-Dichloropropene

Concen: 0.655 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV008682.D

Acq: 20 Nov 2018 18:38

Instrument :

MSVOA_V

ClientSampleId :

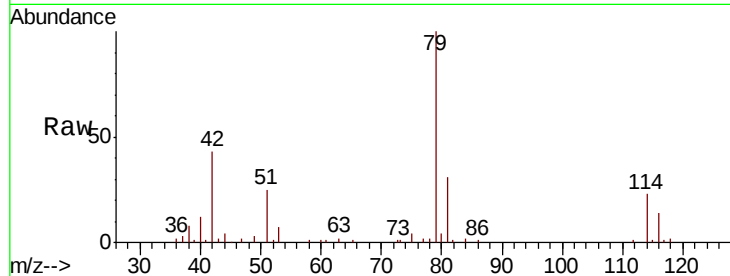
E3YB1DL

Tgt Ion: 75 Resp: 1782

Ion Ratio Lower Upper

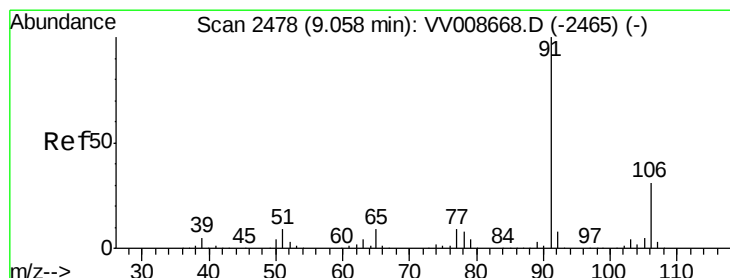
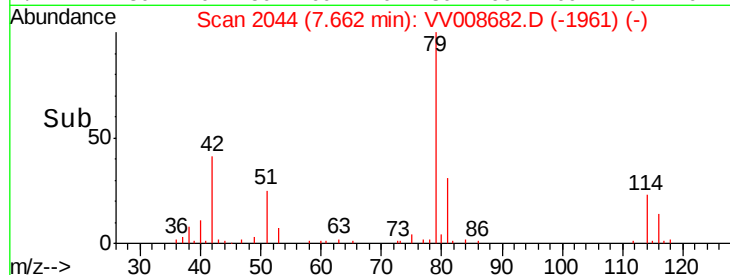
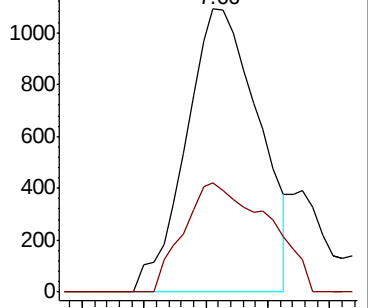
75 100

77 38.6 24.6 45.8



Abundance Ion 75.00 (74.70 to 75.70): VV008668.D (-2036) (-)

Ion 77.00 (76.70 to 77.70): VV008668.D (-2036) (-)



#52

Ethylbenzene

Concen: 25.939 ug/L

RT: 9.06 min Scan# 2478

Delta R.T. 0.00 min

Lab File: VV008682.D

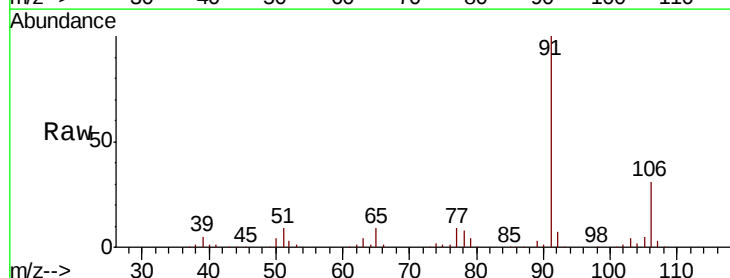
Acq: 20 Nov 2018 18:38

Tgt Ion: 91 Resp: 230507

Ion Ratio Lower Upper

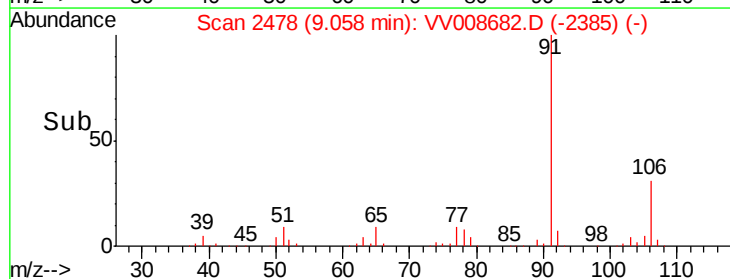
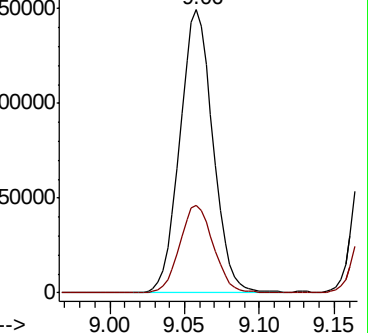
91 100

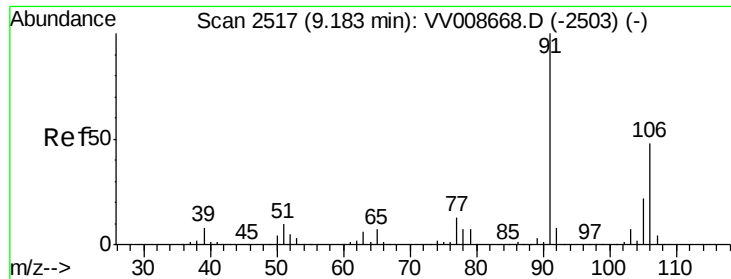
106 30.9 21.2 39.4



Abundance Ion 91.00 (90.70 to 91.70): VV008668.D (-2465) (-)

Ion 106.00 (105.70 to 106.70): VV008668.D (-2465) (-)

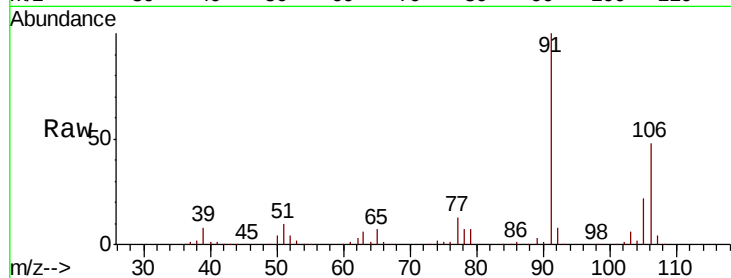




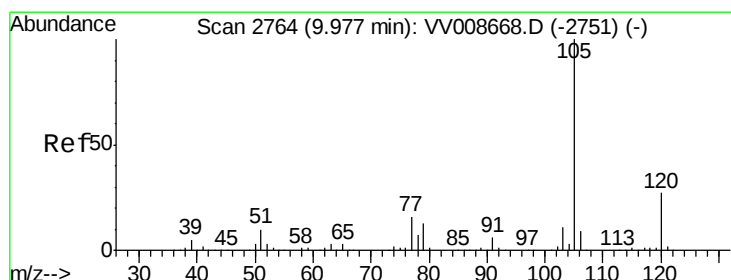
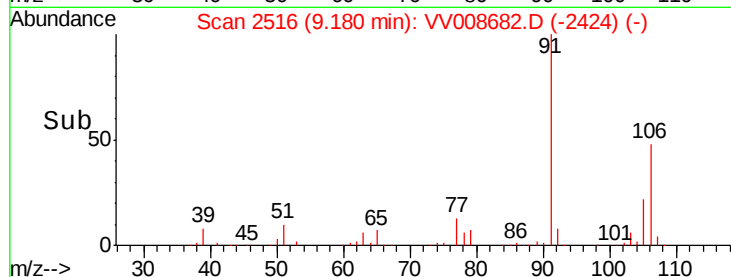
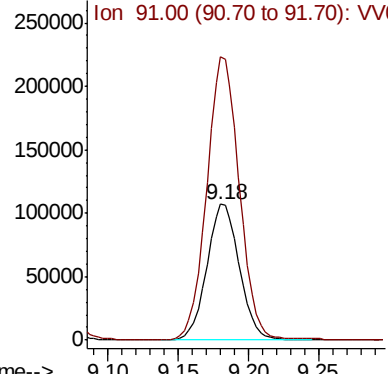
#53
m,p-Xylene
Concen: 52.783 ug/L
RT: 9.18 min Scan# 2516
Delta R.T. -0.00 min
Lab File: VV008682.D
Acq: 20 Nov 2018 18:38

Instrument :
MSVOA_V
ClientSampleId :
E3YB1DL

Tgt Ion:106 Resp: 172361
Ion Ratio Lower Upper
106 100
91 208.4 154.7 287.3

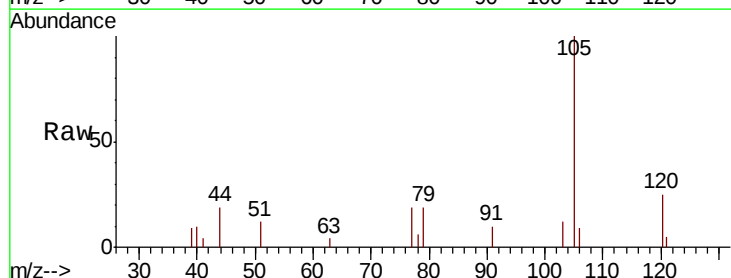


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV0



#56
Isopropylbenzene
Concen: 0.472 ug/L
RT: 9.98 min Scan# 2764
Delta R.T. 0.00 min
Lab File: VV008682.D
Acq: 20 Nov 2018 18:38

Tgt Ion:105 Resp: 4032
Ion Ratio Lower Upper
105 100
120 22.4 20.5 30.7
77 19.1 12.8 19.2



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V
Ion 77.00 (76.70 to 77.70): VV0

