

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062118\
 Data File : VV006401.D
 Acq On : 21 Jun 2018 19:16
 Operator : SY/MD
 Sample : J3615-01 1000X
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BEXT7

Quant Time: Jun 22 02:07:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 22 01:25:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	297427	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	274401	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	127227	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	77848	4.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.80%
7) Chloroethane-d5	1.58	69	71849	5.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.40%
11) 1,1-Dichloroethene-d2	2.13	63	108166	3.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.60%
20) 2-Butanone-d5	3.97	46	251425	72.89	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	145.78%#
24) Chloroform-d	4.41	84	157549	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	5.09	65	85220	5.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.20%
32) Benzene-d6	5.11	84	332069	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
36) 1,2-Dichloropropane-d6	6.12	67	105197	5.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.20%
41) Toluene-d8	7.37	98	290432	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	7.67	79	30627	3.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.00%
46) 2-Hexanone-d5	8.14	63	205867	53.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.50%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	71975	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	115510	5.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.80%

Target Compounds

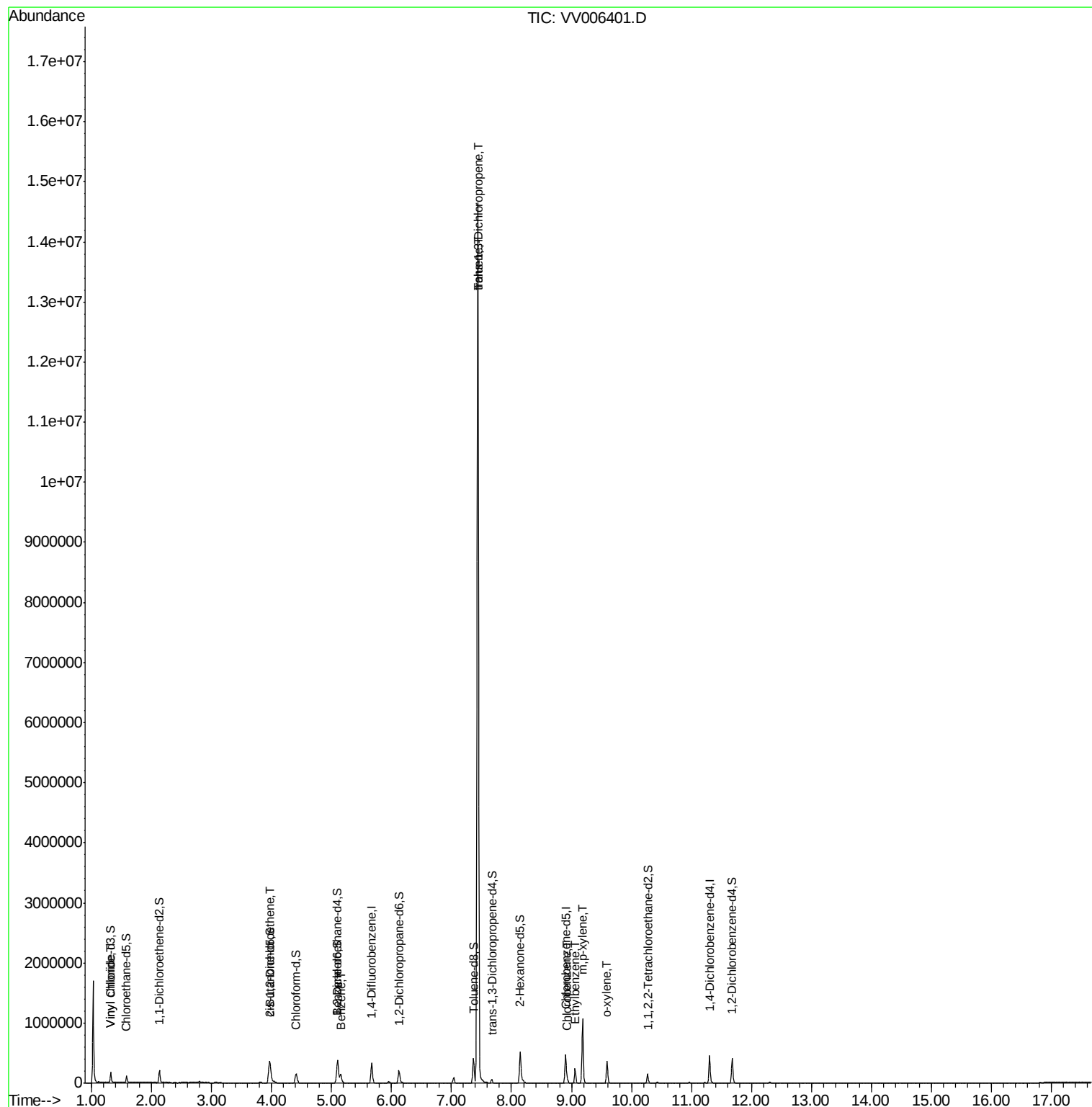
					Ovalue
5) Vinyl chloride	1.32	62	42677	1.86	ug/L 96
22) cis-1,2-Dichloroethene	3.97	96	149076	7.40	ug/L # 99
33) Benzene	5.15	78	157603	2.08	ug/L 100
42) Toluene	7.44	91	10559817	126.45	ug/L 91
44) trans-1,3-Dichloropropene	7.44	75	72770	3.04	ug/L # 1
51) Chlorobenzene	8.93	112	38628	0.72	ug/L 100
52) Ethylbenzene	9.06	91	171464	1.84	ug/L 100
53) m,p-xylene	9.19	106	307710	8.48	ug/L 98
54) o-xylene	9.59	106	103007	2.90	ug/L 98

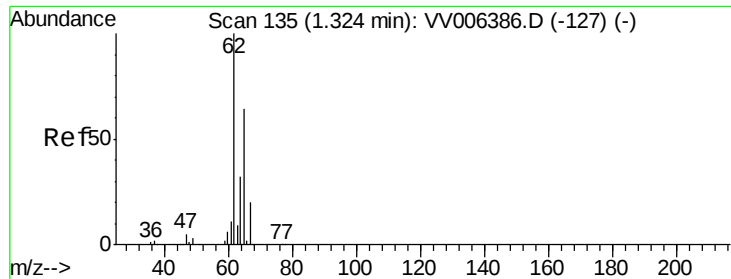
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 22 01:25:25 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.86 ug/L

RT: 1.32 min Scan# 135

Delta R.T. 0.00 min

Lab File: VV006401.D

Acq: 21 Jun 2018 19:16

Instrument :

MSVOA_V

ClientSampleId :

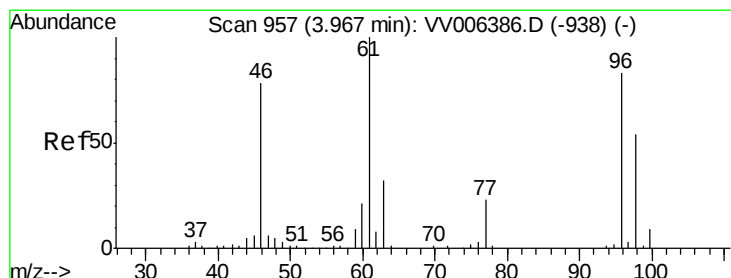
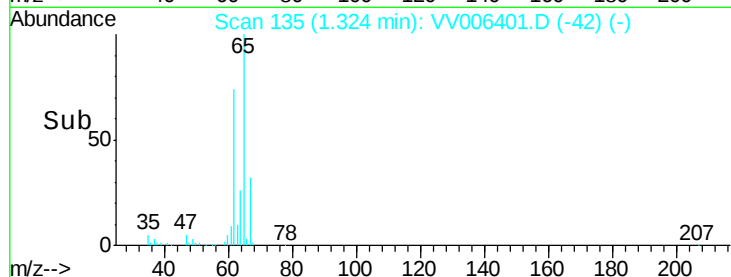
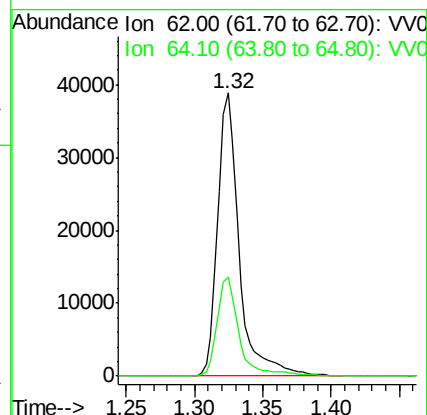
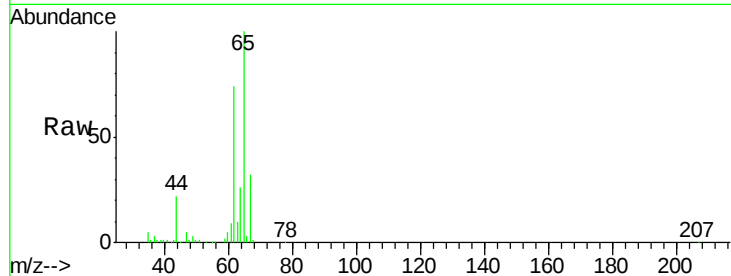
BEXT7

Tot Ion: 62 Resp: 42677

Ion Ratio Lower Upper

62 100

64 35.0 23.1 42.9



#22

cis-1,2-Dichloroethene

Concen: 7.40 ug/L

RT: 3.97 min Scan# 957

Delta R.T. 0.00 min

Lab File: VV006401.D

Acq: 21 Jun 2018 19:16

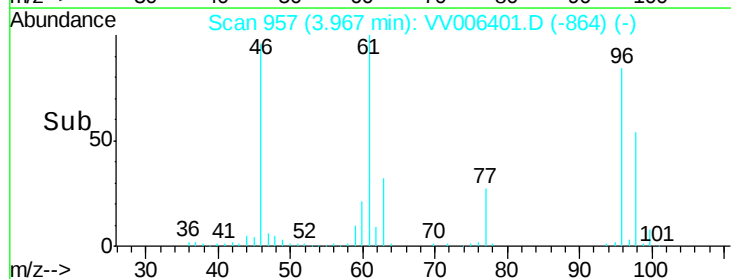
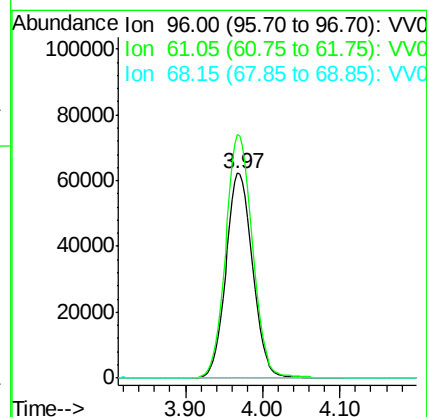
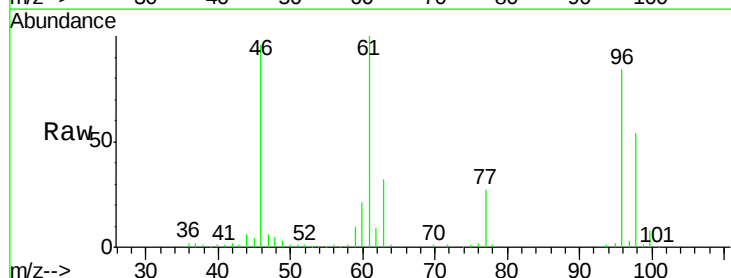
Tgt Ion: 96 Resp: 149076

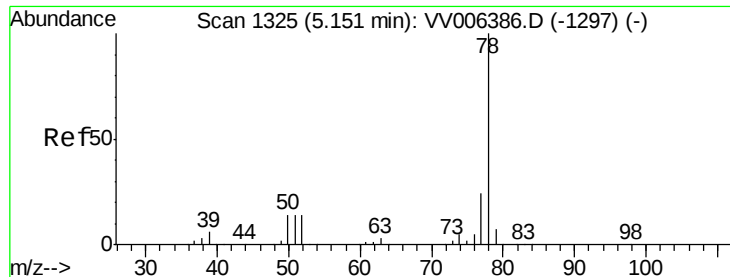
Ion Ratio Lower Upper

96 100

61 118.8 84.1 156.3

68 0.0 0.3 0.5#





#33

Benzene

Concen: 2.08 ug/L

RT: 5.15 min Scan# 1326

Delta R.T. 0.00 min

Lab File: VV006401.D

Acq: 21 Jun 2018 19:16

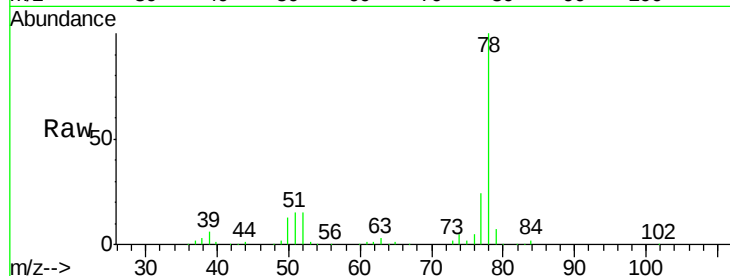
Instrument :

MSVOA_V

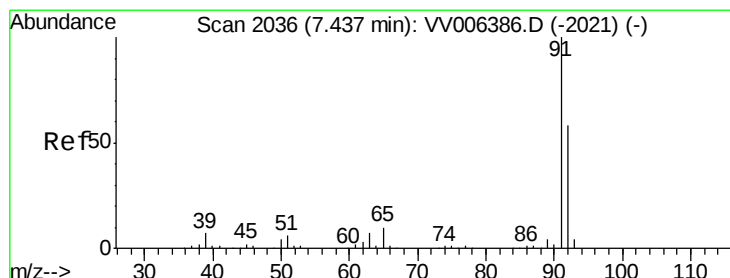
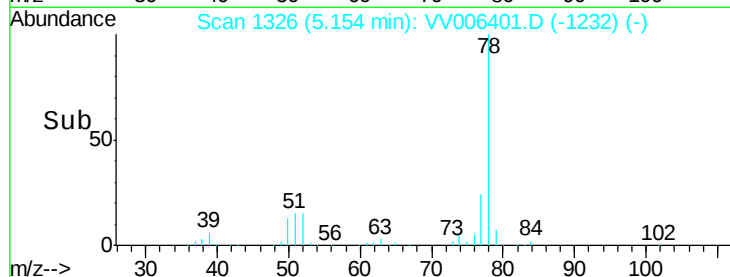
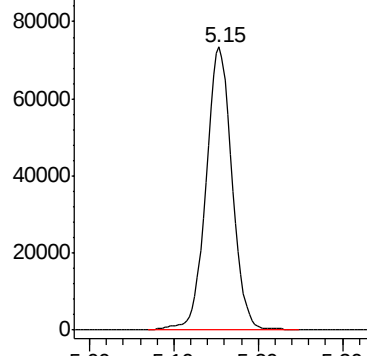
ClientSampleId :

BEXT7

Tgt Ion: 78 Resp: 157603



Abundance Ion 78.10 (77.80 to 78.80): VV0



#42

Toluene

Concen: 126.45 ug/L

RT: 7.44 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VV006401.D

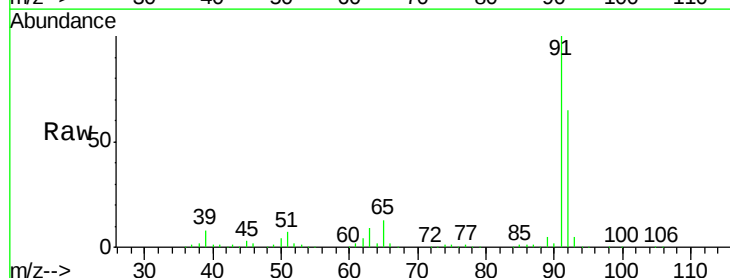
Acq: 21 Jun 2018 19:16

Tgt Ion: 91 Resp: 10559817

Ion Ratio Lower Upper

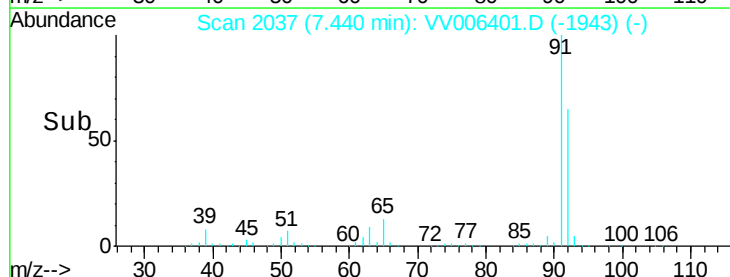
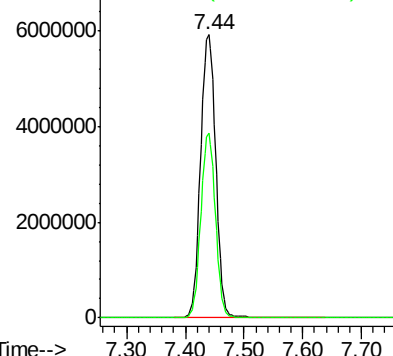
91 100

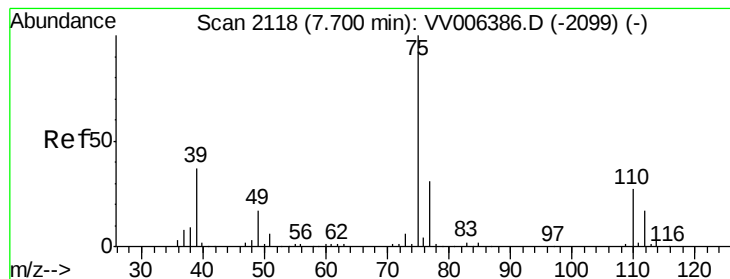
92 65.1 41.1 76.3



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0





#44

trans-1,3-Dichloropropene

Concen: 3.04 ug/L

RT: 7.44 min Scan# 2037

Delta R.T. -0.26 min

Lab File: VV006401.D

Acq: 21 Jun 2018 19:16

Instrument :

MSVOA_V

ClientSampleId :

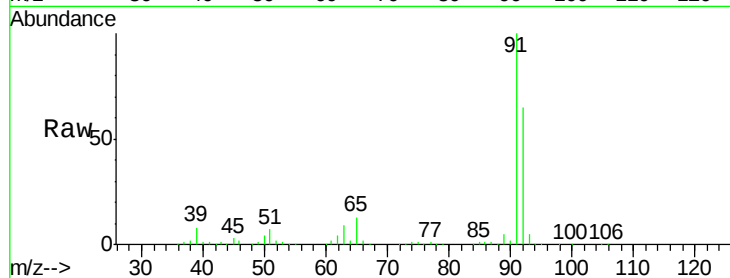
BEXT7

Tot Ion: 75 Resp: 72770

Ion Ratio Lower Upper

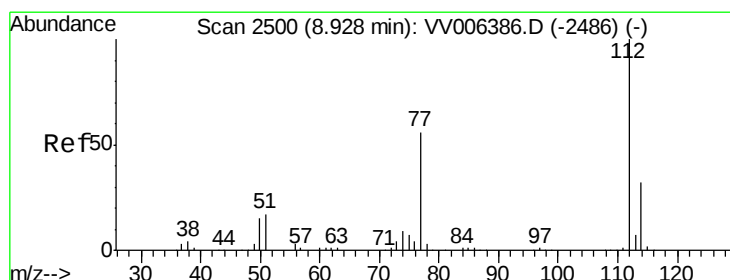
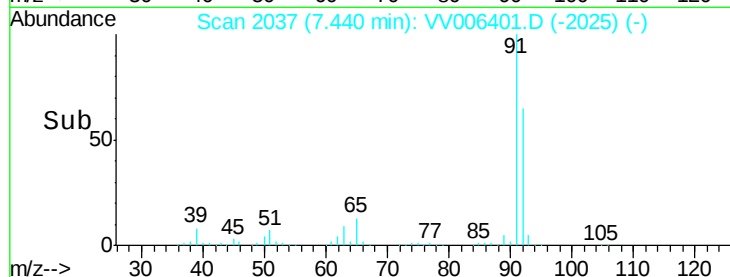
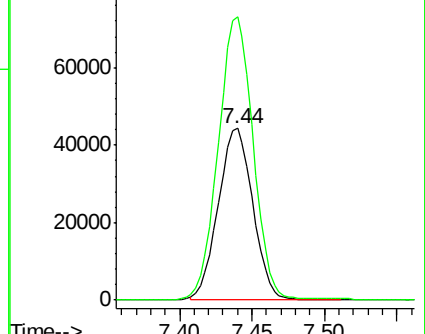
75 100

77 164.8 23.0 42.6#



Abundance Ion 75.05 (74.75 to 75.75): VV006386.D (-2099) (-)

Ion 77.05 (76.75 to 77.75): VV006386.D (-2099) (-)



#51

Chlorobenzene

Concen: 0.72 ug/L

RT: 8.93 min Scan# 2501

Delta R.T. 0.00 min

Lab File: VV006401.D

Acq: 21 Jun 2018 19:16

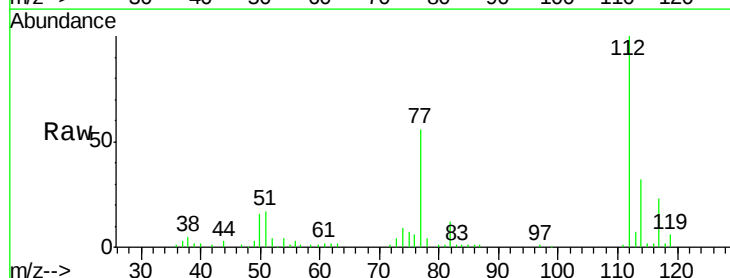
Tgt Ion: 112 Resp: 38628

Ion Ratio Lower Upper

112 100

114 32.2 22.2 41.2

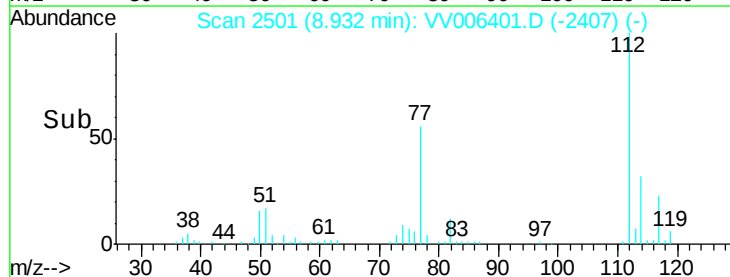
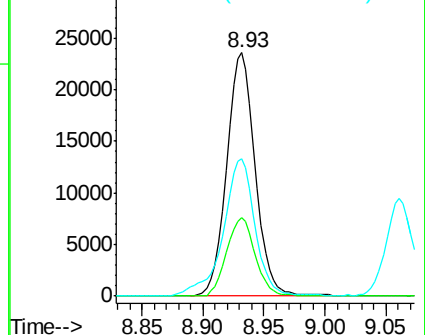
77 56.3 45.2 67.8

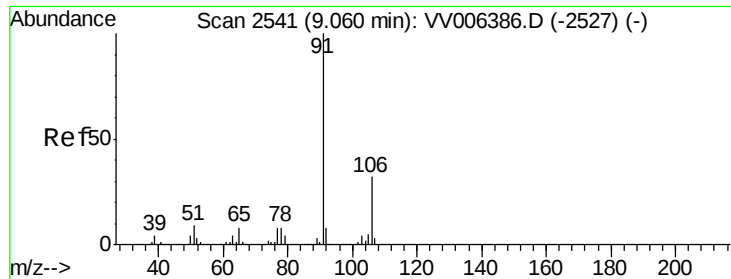


Abundance Ion 112.10 (111.80 to 112.80): VV006386.D (-2486) (-)

Ion 114.05 (113.75 to 114.75): VV006386.D (-2486) (-)

Ion 77.10 (76.80 to 77.80): VV006386.D (-2486) (-)





#52

Ethylbenzene

Concen: 1.84 ug/L

RT: 9.06 min Scan# 2541

Delta R.T. 0.00 min

Lab File: VV006401.D

Acq: 21 Jun 2018 19:16

Instrument :

MSVOA_V

ClientSampleId :

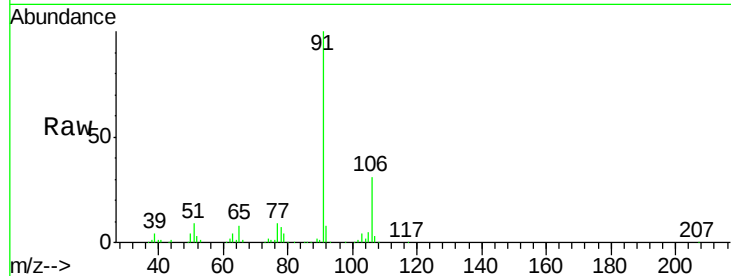
BEXT7

Tot Ion: 91 Resp: 171464

Ion Ratio Lower Upper

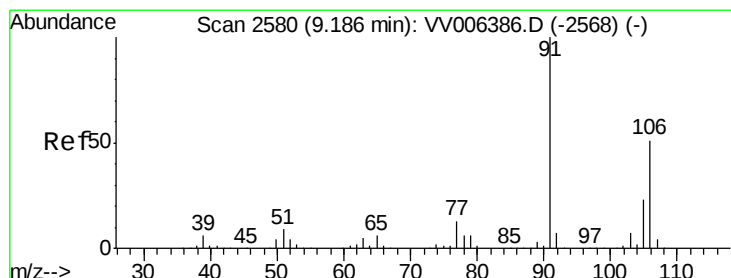
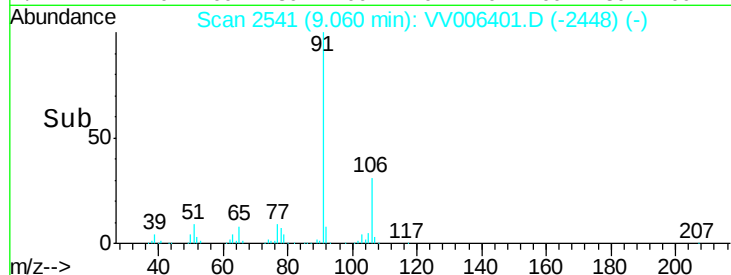
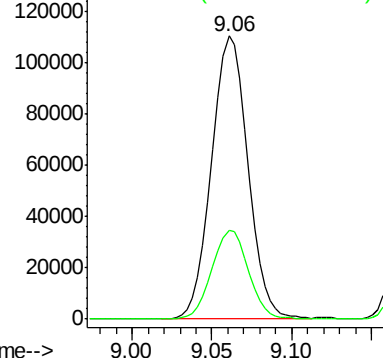
91 100

106 31.4 21.9 40.7



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 106.15 (105.85 to 106.85): V



#53

m,p-xylene

Concen: 8.48 ug/L

RT: 9.19 min Scan# 2580

Delta R.T. 0.00 min

Lab File: VV006401.D

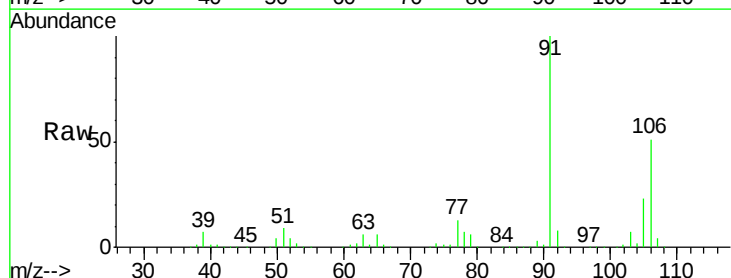
Acq: 21 Jun 2018 19:16

Tgt Ion: 106 Resp: 307710

Ion Ratio Lower Upper

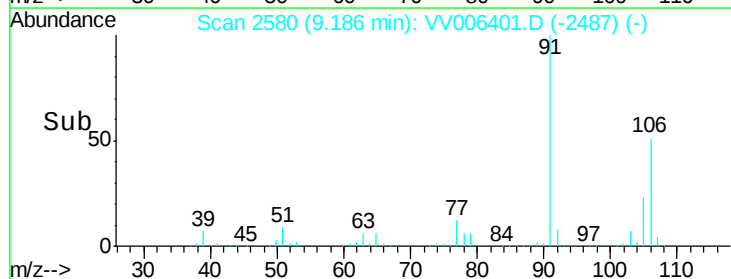
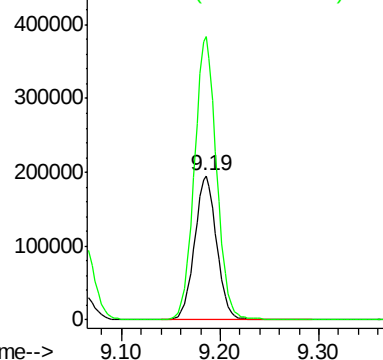
106 100

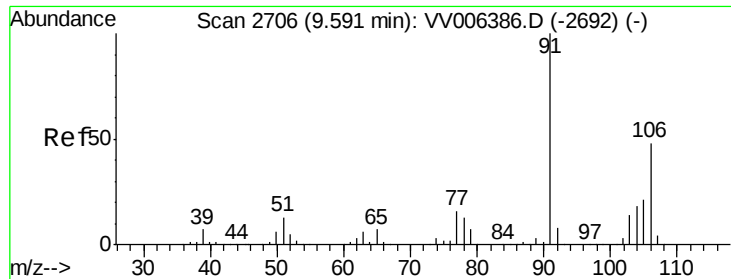
91 196.2 139.7 259.4



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0





#54
 o-xylene
 Concen: 2.90 ug/L
 RT: 9.59 min Scan# 2707
 Delta R.T. 0.00 min
 Lab File: VV006401.D
 Acq: 21 Jun 2018 19:16

Instrument :
 MSVOA_V
 ClientSampleId :
 BEXT7

Tot Ion:106 Resp: 103007
 Ion Ratio Lower Upper
 106 100
 91 207.7 147.9 274.7

