

Data File : VV006286.D
Acq On : 15 Jun 2018 17:26
Operator : SY/MD
Sample : J3397-06DL 8000X
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BEXT5DL

Quant Time: Jun 16 00:44:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053118WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 15 23:47:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	314876	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	281680	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	127130	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	84471	4.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.20%
7) Chloroethane-d5	1.59	69	69322	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.60%
11) 1,1-Dichloroethene-d2	2.13	63	120412	3.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.00%
20) 2-Butanone-d5	3.97	46	190460	52.16	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.32%
24) Chloroform-d	4.41	84	150620	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.09	65	77698	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.11	84	324229	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.12	67	96484	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.37	98	307031	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
43) trans-1,3-Dichloropropene-	7.67	79	34798	3.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.40%
46) 2-Hexanone-d5	8.14	63	157948	40.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.34%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	63472	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	110385	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

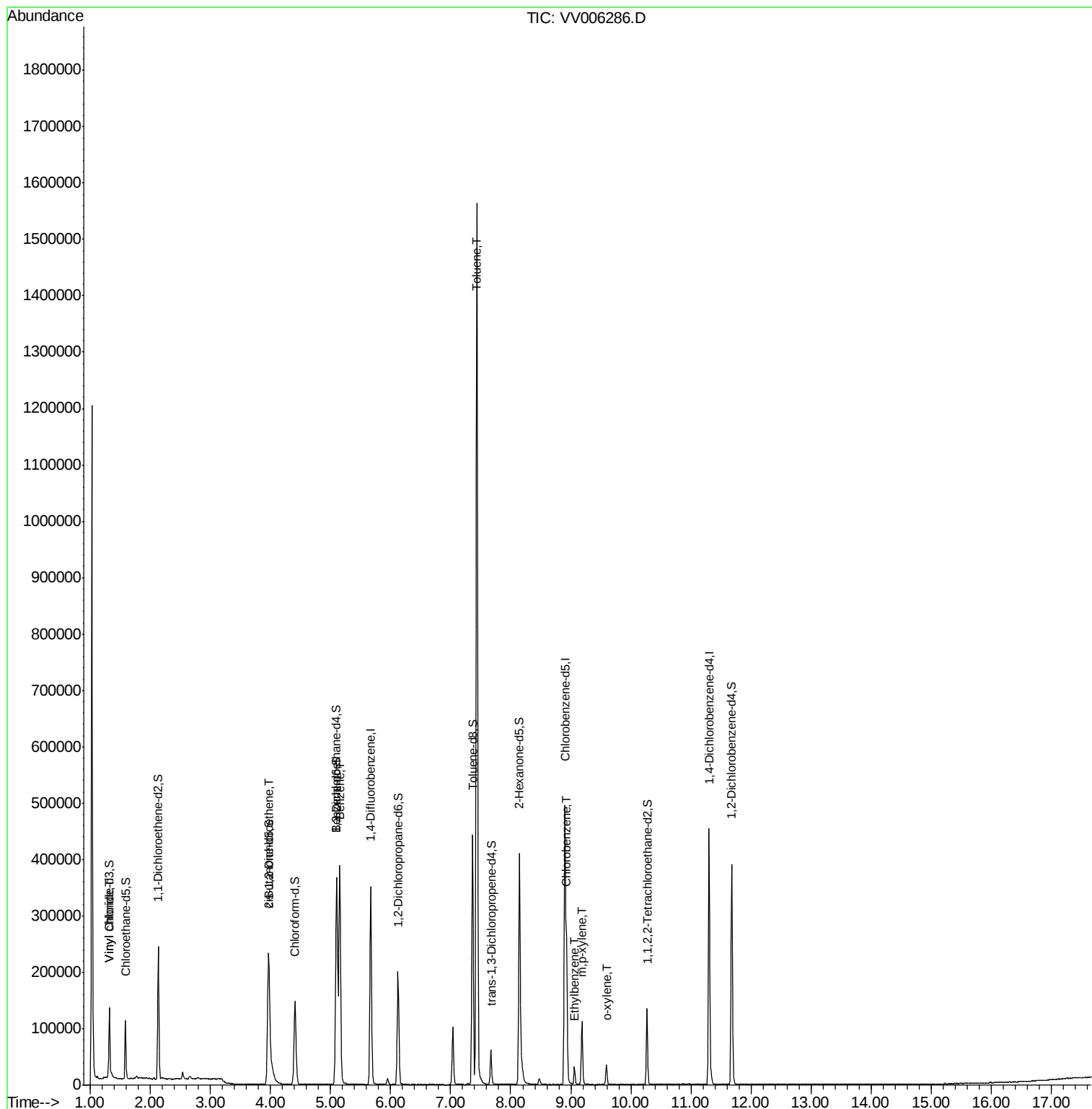
					Qvalue
5) Vinyl chloride	1.32	62	8186	0.337 ug/L #	81
22) cis-1,2-Dichloroethene	3.97	96	91627	4.295 ug/L #	98
33) Benzene	5.15	78	396321	5.103 ug/L	100
42) Toluene	7.44	91	1145594	13.364 ug/L	99
51) Chlorobenzene	8.93	112	137282	2.494 ug/L	100
52) Ethylbenzene	9.06	91	22802	0.239 ug/L	100
53) m,p-xylene	9.19	106	33577	0.901 ug/L	99
54) o-xylene	9.59	106	9968	0.274 ug/L	92

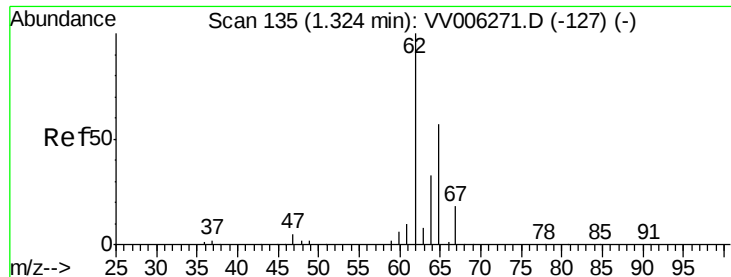
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV006286.D
Acq On : 15 Jun 2018 17:26
Operator : SY/MD
Sample : J3397-06DL 8000X
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BEXT5DL

Quant Time: Jun 16 00:44:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053118WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 15 23:47:49 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.337 ug/L

RT: 1.32 min Scan# 135

Delta R.T. 0.00 min

Lab File: VV006286.D

Acq: 15 Jun 2018 17:26

Instrument :

MSVOA_V

ClientSampleId :

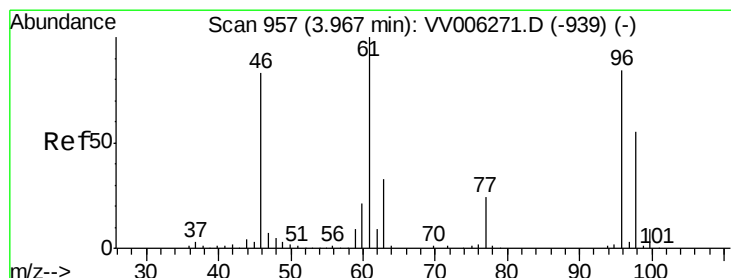
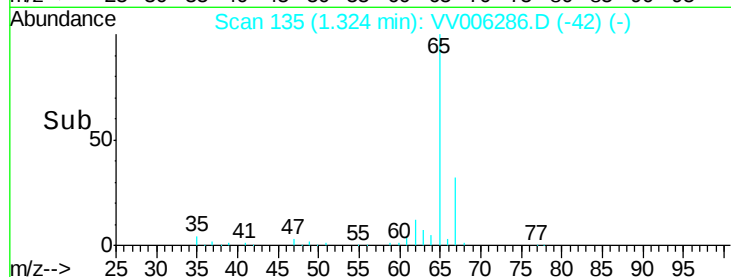
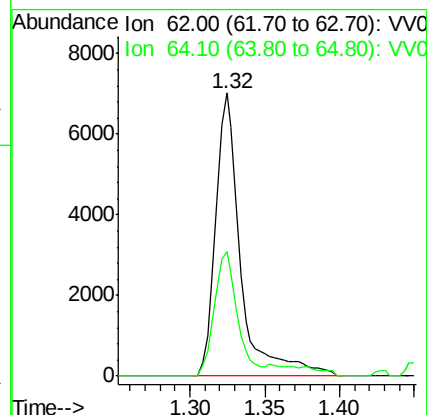
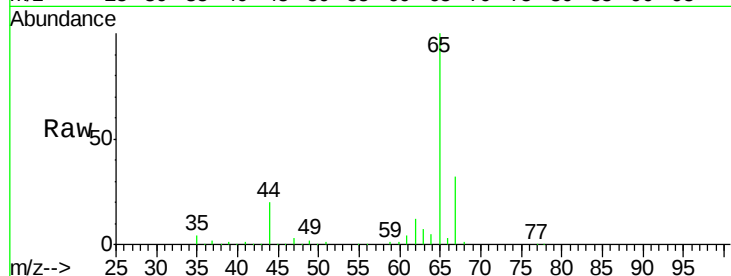
BEXT5DL

Tgt Ion: 62 Resp: 8186

Ion Ratio Lower Upper

62 100

64 43.8 23.1 42.9#



#22

cis-1,2-Dichloroethene

Concen: 4.295 ug/L

RT: 3.97 min Scan# 958

Delta R.T. 0.00 min

Lab File: VV006286.D

Acq: 15 Jun 2018 17:26

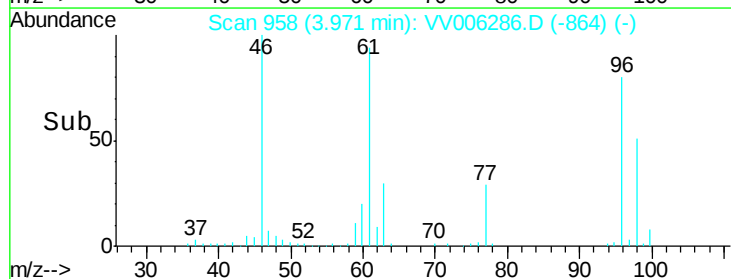
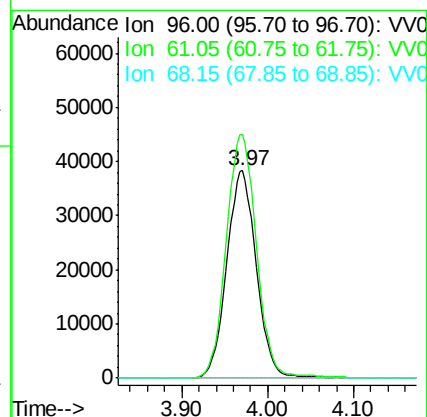
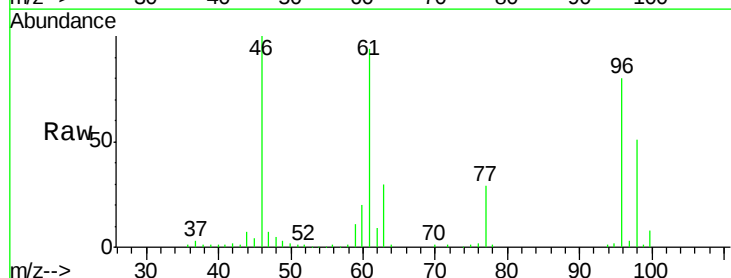
Tgt Ion: 96 Resp: 91627

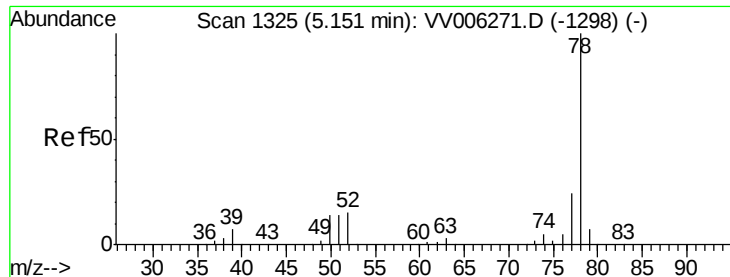
Ion Ratio Lower Upper

96 100

61 117.4 84.1 156.3

68 0.0 0.3 0.5#





#33

Benzene

Concen: 5.103 ug/L

RT: 5.15 min Scan# 1326

Delta R.T. 0.00 min

Lab File: VV006286.D

Acq: 15 Jun 2018 17:26

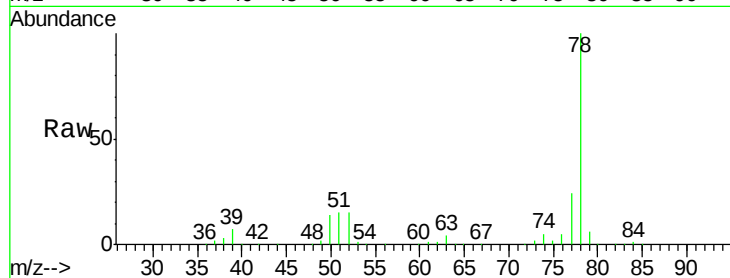
Instrument :

MSVOA_V

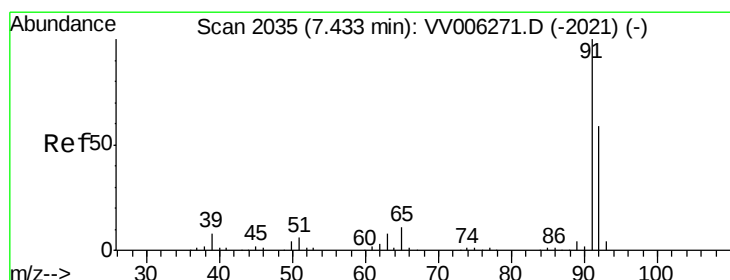
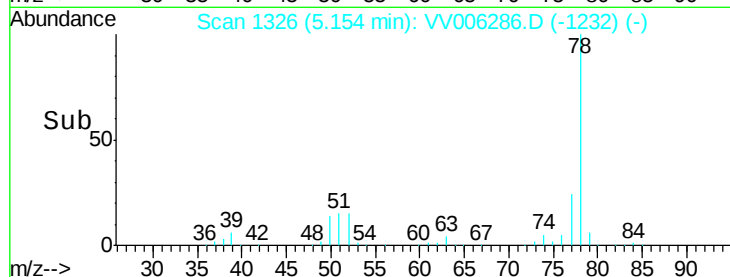
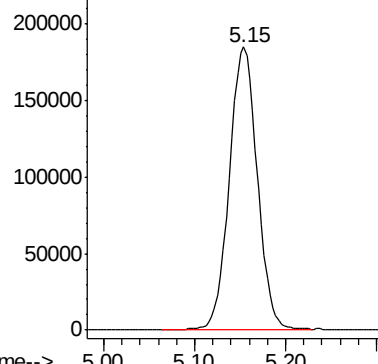
ClientSampleId :

BEXT5DL

Tgt Ion: 78 Resp: 396321



Abundance Ion 78.10 (77.80 to 78.80): VV0



#42

Toluene

Concen: 13.364 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VV006286.D

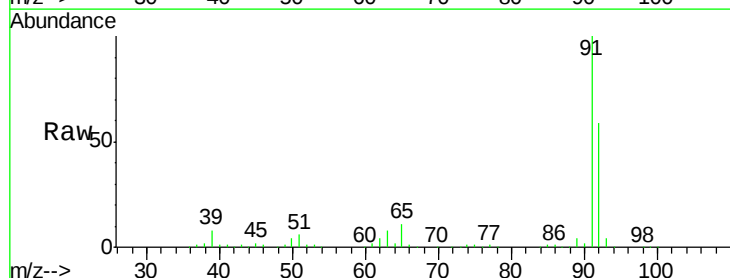
Acq: 15 Jun 2018 17:26

Tgt Ion: 91 Resp: 1145594

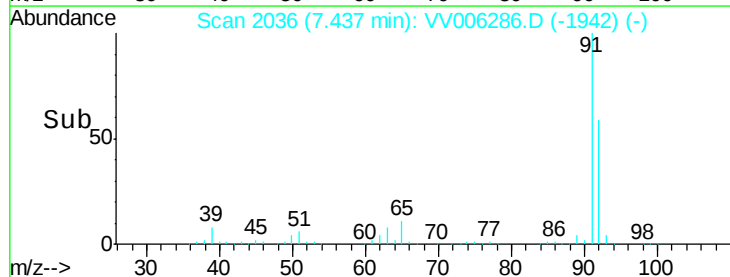
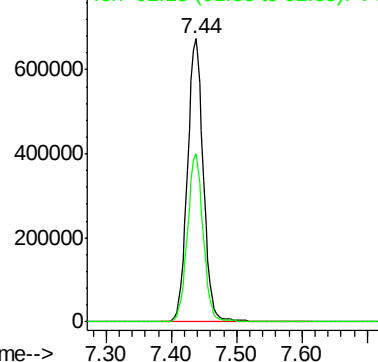
Ion Ratio Lower Upper

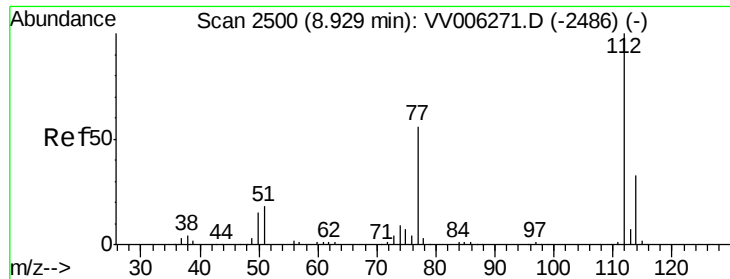
91 100

92 59.3 41.1 76.3



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





#51

Chlorobenzene

Concen: 2.494 ug/L

RT: 8.93 min Scan# 2500

Delta R.T. 0.00 min

Lab File: VV006286.D

Acq: 15 Jun 2018 17:26

Instrument :

MSVOA_V

ClientSampleId :

BEXT5DL

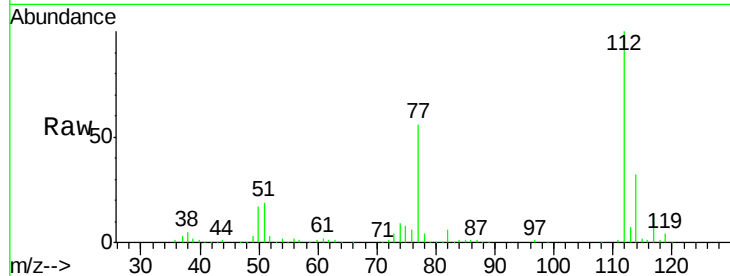
Tgt Ion: 112 Resp: 137282

Ion Ratio Lower Upper

112 100

114 31.8 22.2 41.2

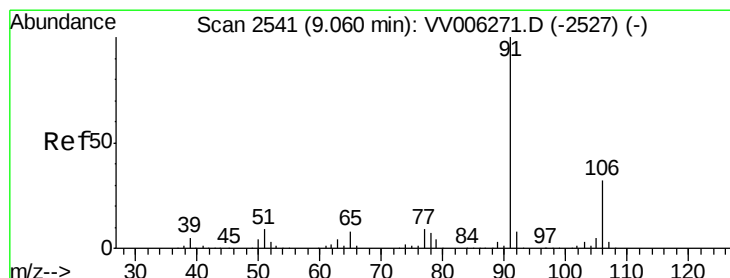
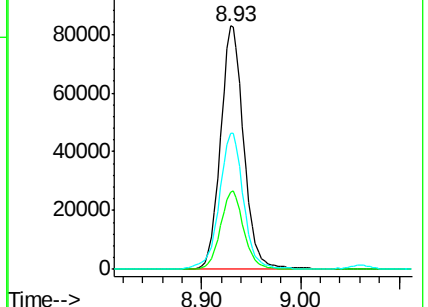
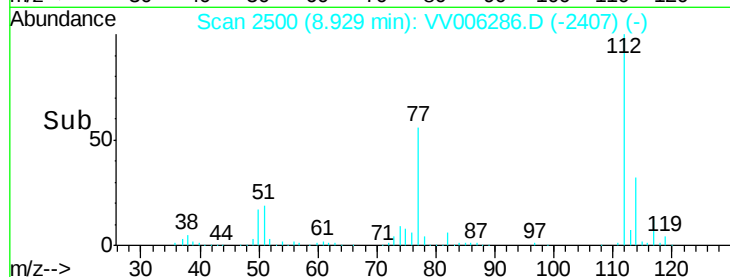
77 56.1 45.2 67.8



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



#52

Ethylbenzene

Concen: 0.239 ug/L

RT: 9.06 min Scan# 2541

Delta R.T. 0.00 min

Lab File: VV006286.D

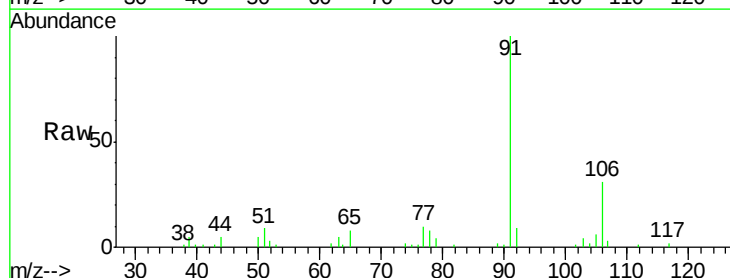
Acq: 15 Jun 2018 17:26

Tgt Ion: 91 Resp: 22802

Ion Ratio Lower Upper

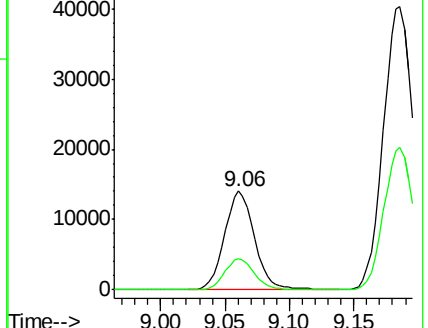
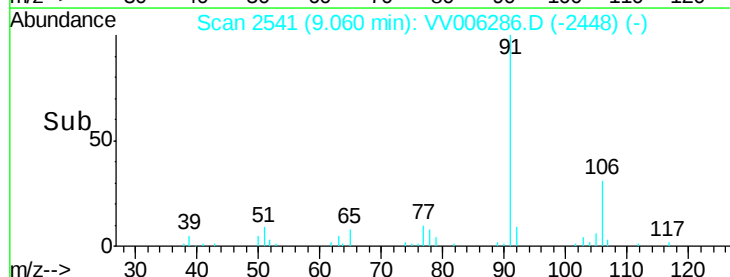
91 100

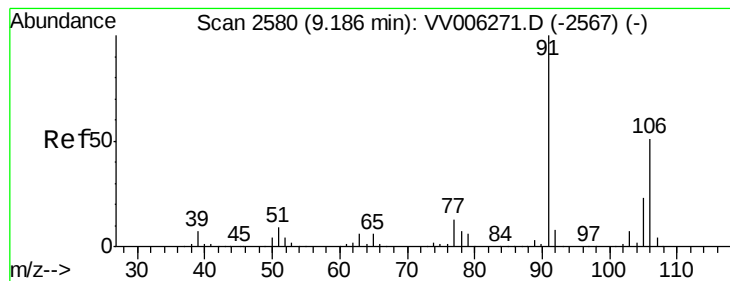
106 31.5 21.9 40.7



Abundance Ion 91.15 (90.85 to 91.85): V

Ion 106.15 (105.85 to 106.85): V





#53

m,p-xylene

Concen: 0.901 ug/L

RT: 9.19 min Scan# 2580

Delta R.T. 0.00 min

Lab File: VV006286.D

Acq: 15 Jun 2018 17:26

Instrument :

MSVOA_V

ClientSampleId :

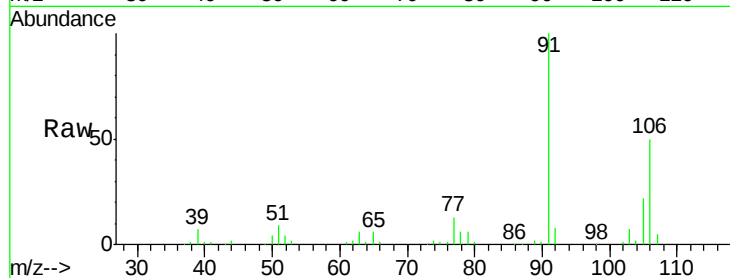
BEXT5DL

Tgt Ion:106 Resp: 33577

Ion Ratio Lower Upper

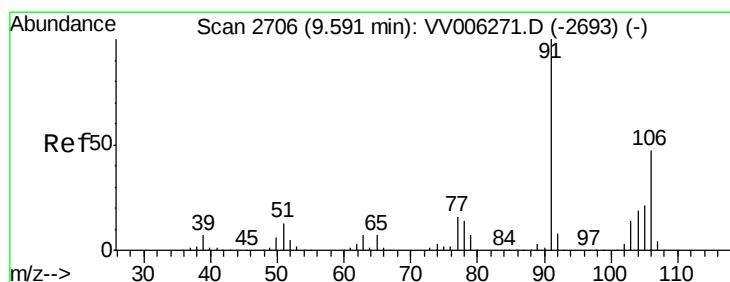
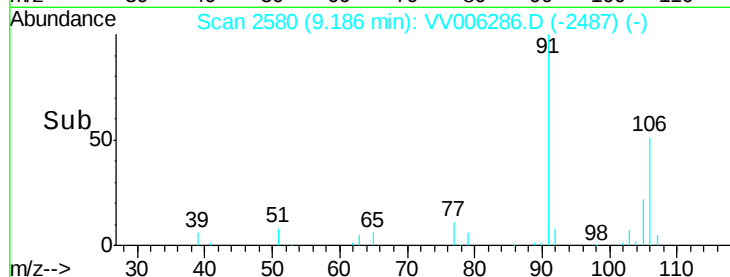
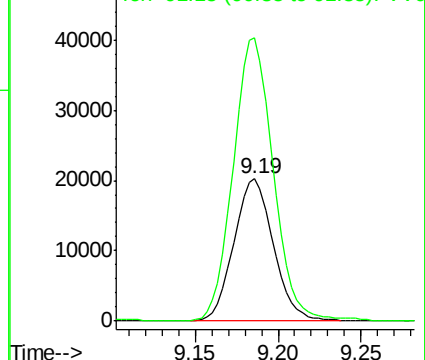
106 100

91 198.6 139.7 259.4



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#54

o-xylene

Concen: 0.274 ug/L

RT: 9.59 min Scan# 2707

Delta R.T. 0.00 min

Lab File: VV006286.D

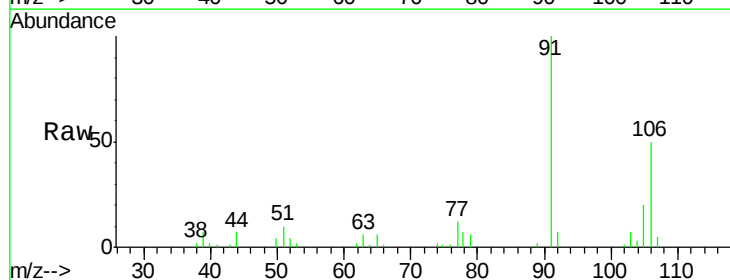
Acq: 15 Jun 2018 17:26

Tgt Ion:106 Resp: 9968

Ion Ratio Lower Upper

106 100

91 199.3 147.9 274.7



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0

