

Data File : VV006287.D
Acq On : 15 Jun 2018 17:53
Operator : SY/MD
Sample : J3397-07DL 5000X
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BEXT6DL

Quant Time: Jun 16 00:47:27 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	311652	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	276441	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	125222	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	86146	5.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.20%
7) Chloroethane-d5	1.58	69	70228	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.00%
11) 1,1-Dichloroethene-d2	2.13	63	121345	3.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.40%
20) 2-Butanone-d5	3.97	46	193458	53.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.06%
24) Chloroform-d	4.41	84	152926	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	5.09	65	78147	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.11	84	329518	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.12	67	97725	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.36	98	308062	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
43) trans-1,3-Dichloropropene-	7.67	79	34980	3.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.20%
46) 2-Hexanone-d5	8.14	63	161785	41.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.86%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	64545	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	112349	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

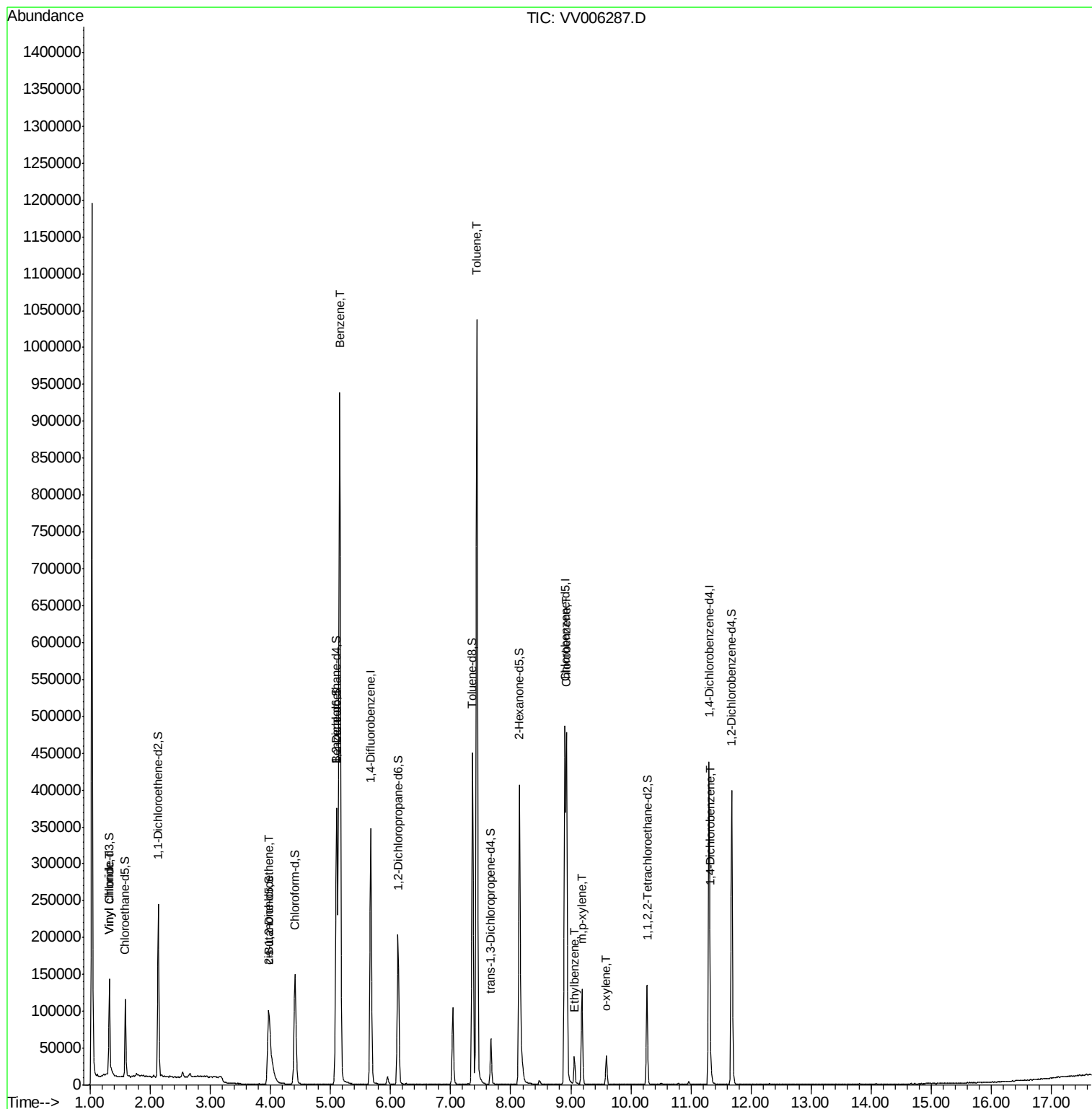
					Qvalue
5) Vinyl chloride	1.32	62	10462	0.435 ug/L	87
22) cis-1,2-Dichloroethene	3.97	96	12576	0.596 ug/L	# 89
33) Benzene	5.15	78	933331	12.246 ug/L	100
42) Toluene	7.44	91	764774	9.091 ug/L	99
51) Chlorobenzene	8.93	112	252216	4.670 ug/L	99
52) Ethylbenzene	9.06	91	27070	0.289 ug/L	98
53) m,p-xylene	9.19	106	38487	1.053 ug/L	100
54) o-xylene	9.59	106	10978	0.307 ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	8295	0.213 ug/L	89

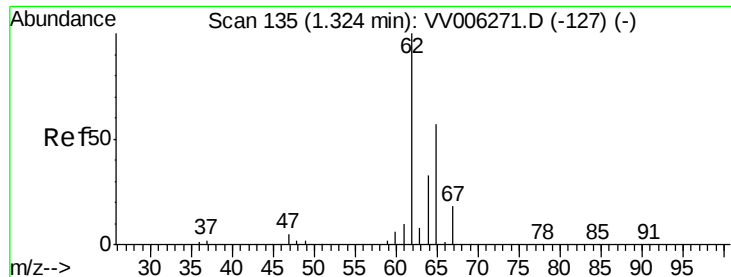
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.435 ug/L

RT: 1.32 min Scan# 135

Delta R.T. 0.00 min

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Acq: 15 Jun 2018 17:53

Instrument :

MSVOA_V

ClientSampleId :

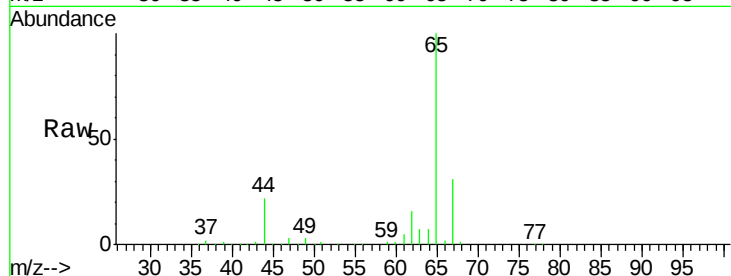
BEXT6DL

Tgt Ion: 62 Resp: 10462

Ion Ratio Lower Upper

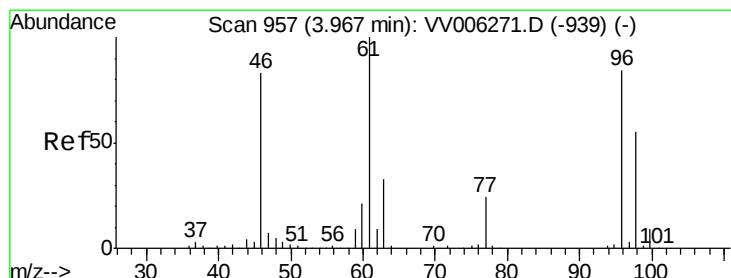
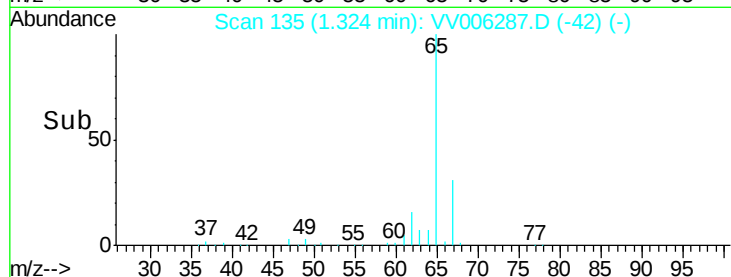
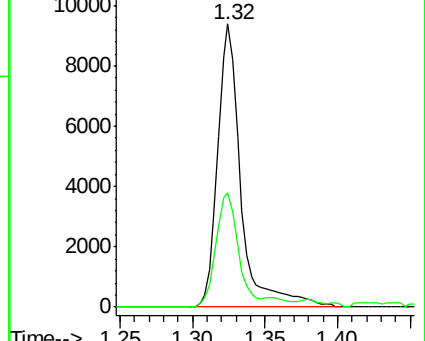
62 100

64 40.4 23.1 42.9



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#22

cis-1,2-Dichloroethene

Concen: 0.596 ug/L

RT: 3.97 min Scan# 957

Delta R.T. 0.00 min

Lab File: VV006287.D

Acq: 15 Jun 2018 17:53

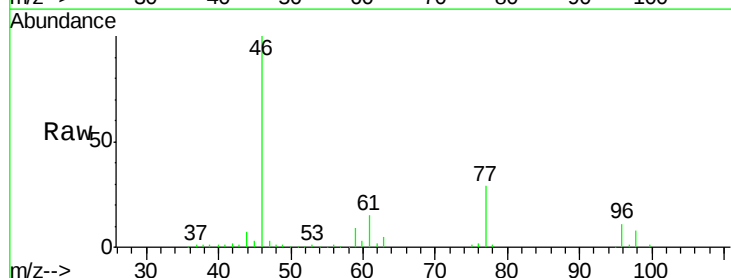
Tgt Ion: 96 Resp: 12576

Ion Ratio Lower Upper

96 100

61 132.3 84.1 156.3

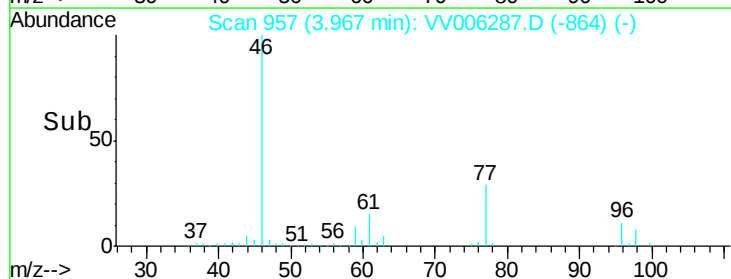
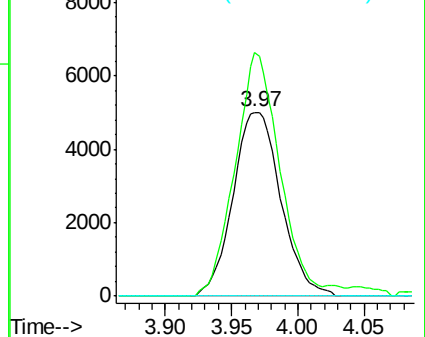
68 0.0 0.3 0.5#

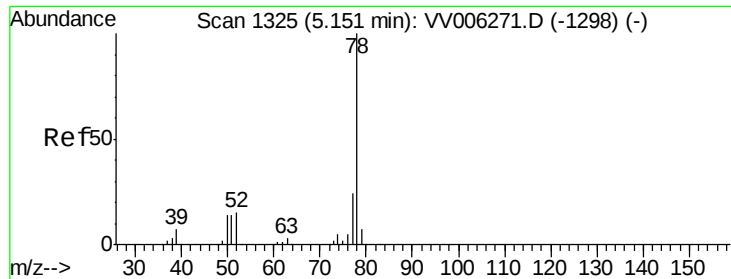


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0





#33

Benzene

Concen: 12.246 ug/L

RT: 5.15 min Scan# 1326

Delta R.T. 0.00 min

Lab File: VV006287.D

Acq: 15 Jun 2018 17:53

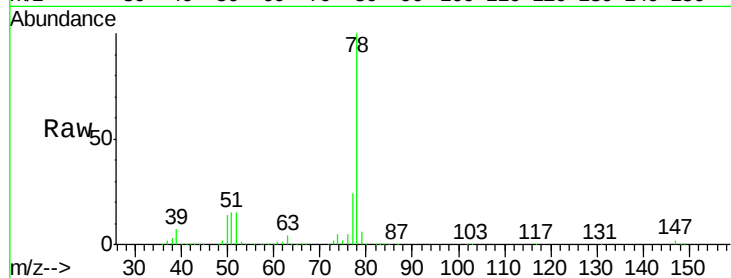
Instrument :

MSVOA_V

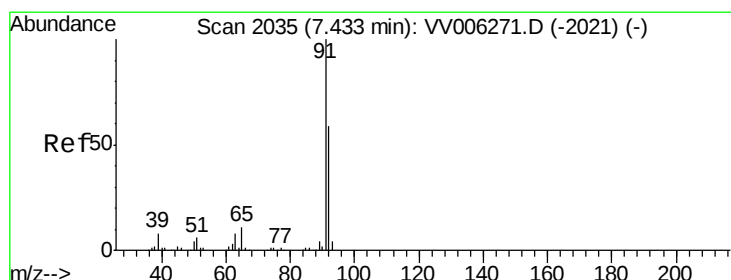
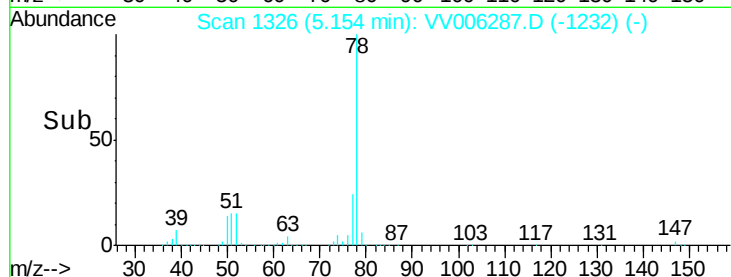
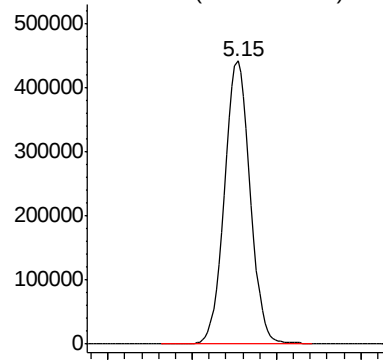
ClientSampleId :

BEXT6DL

Tgt Ion: 78 Resp: 933331



Abundance Ion 78.10 (77.80 to 78.80): VV0



#42

Toluene

Concen: 9.091 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VV006287.D

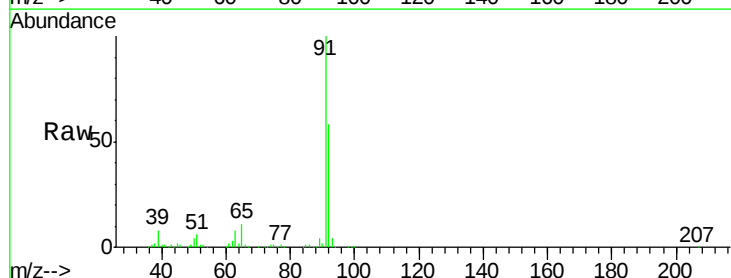
Acq: 15 Jun 2018 17:53

Tgt Ion: 91 Resp: 764774

Ion Ratio Lower Upper

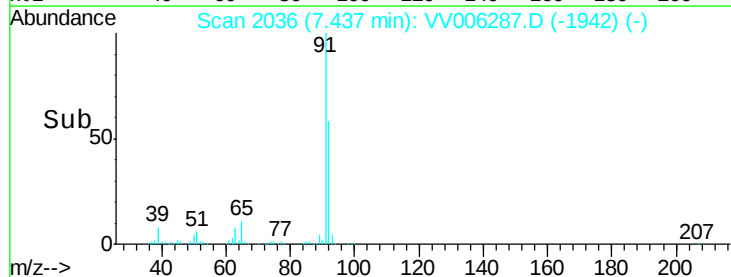
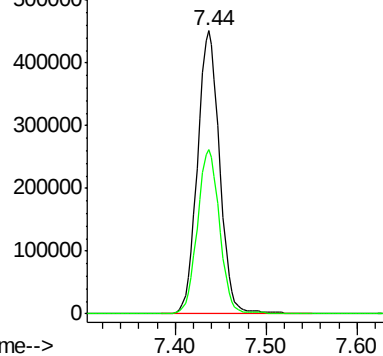
91 100

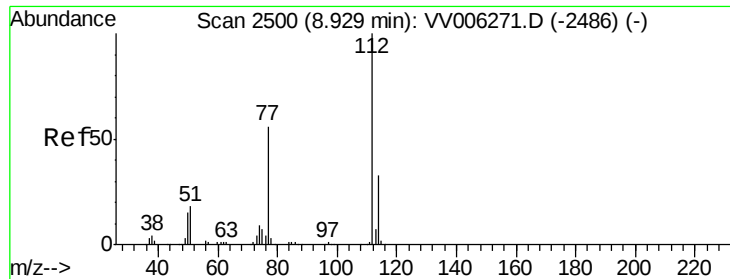
92 58.1 41.1 76.3



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0





#51

Chlorobenzene

Concen: 4.670 ug/L

RT: 8.93 min Scan# 2501

Delta R.T. 0.00 min

Lab File: VV006287.D

Acq: 15 Jun 2018 17:53

Instrument :

MSVOA_V

ClientSampleId :

BEXT6DL

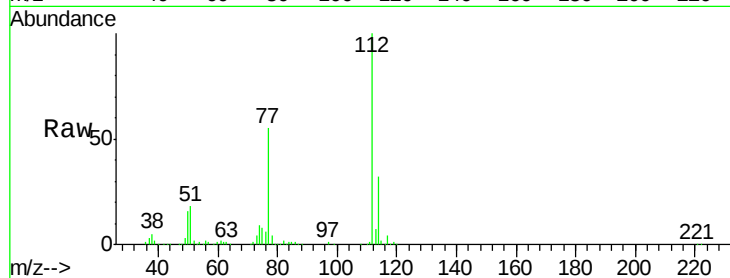
Tgt Ion: 112 Resp: 252216

Ion Ratio Lower Upper

112 100

114 32.3 22.2 41.2

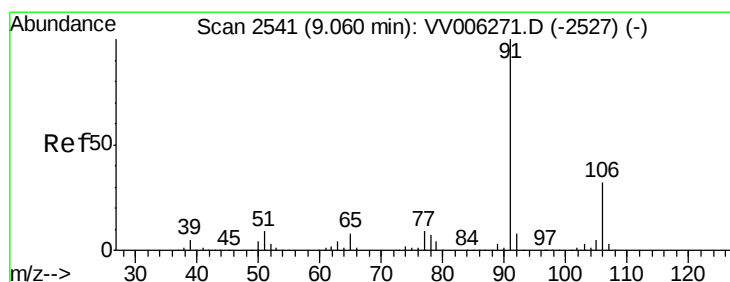
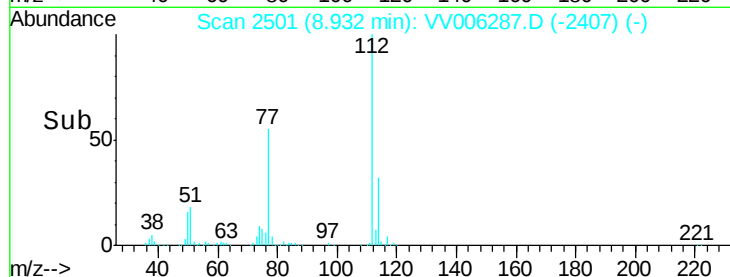
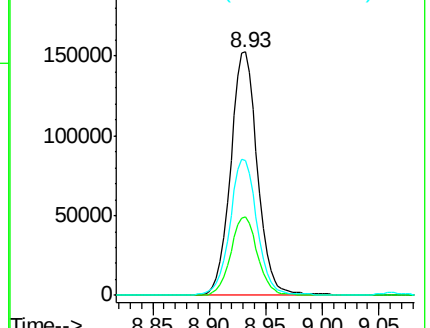
77 55.3 45.2 67.8



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: 0.289 ug/L

RT: 9.06 min Scan# 2541

Delta R.T. 0.00 min

Lab File: VV006287.D

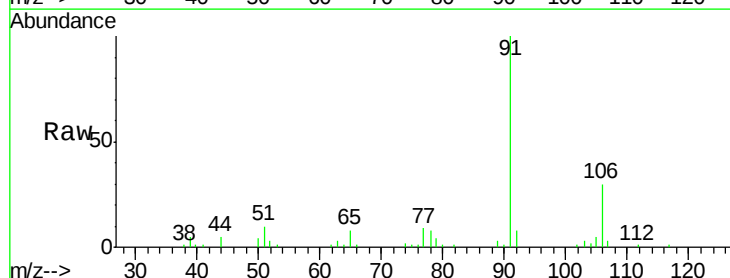
Acq: 15 Jun 2018 17:53

Tgt Ion: 91 Resp: 27070

Ion Ratio Lower Upper

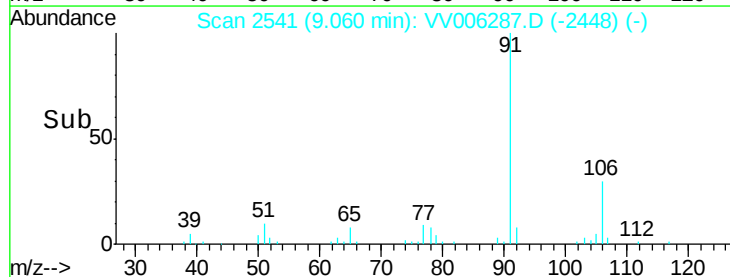
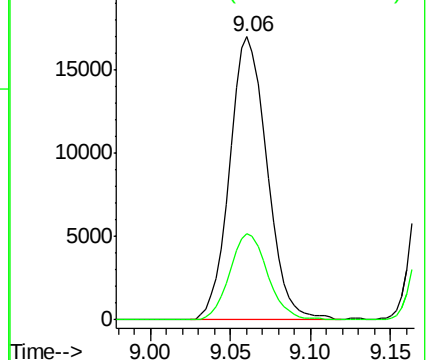
91 100

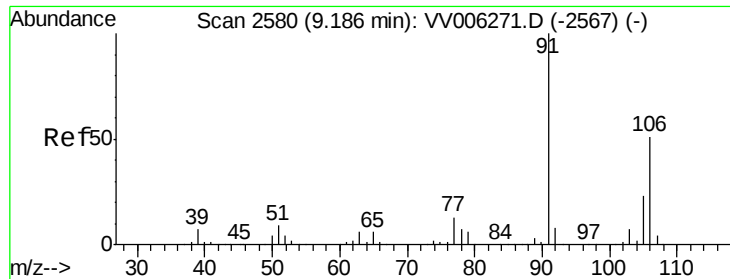
106 30.5 21.9 40.7



Abundance Ion 91.15 (90.85 to 91.85): V

Ion 106.15 (105.85 to 106.85): V





#53

m,p-xylene

Concen: 1.053 ug/L

RT: 9.19 min Scan# 2580

Delta R.T. 0.00 min

Lab File: VV006287.D

Acq: 15 Jun 2018 17:53

Instrument :

MSVOA_V

ClientSampleId :

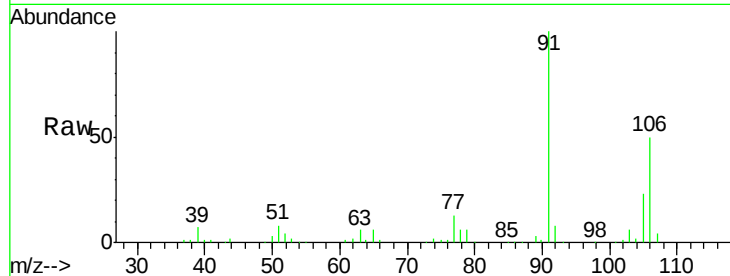
BEXT6DL

Tgt Ion:106 Resp: 38487

Ion Ratio Lower Upper

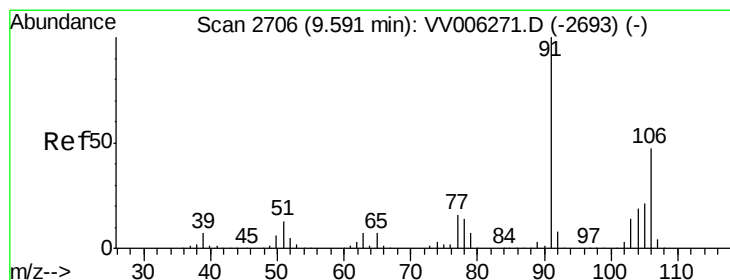
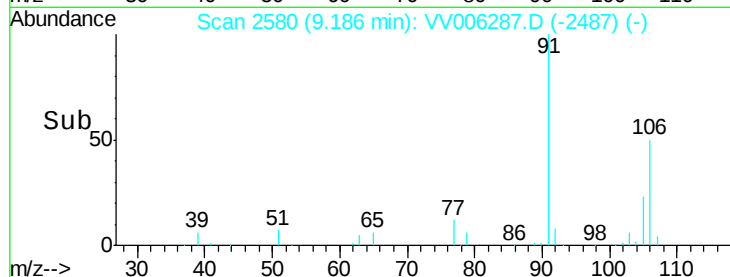
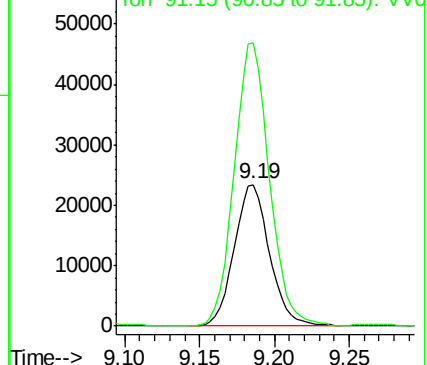
106 100

91 199.9 139.7 259.4



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#54

o-xylene

Concen: 0.307 ug/L

RT: 9.59 min Scan# 2706

Delta R.T. 0.00 min

Lab File: VV006287.D

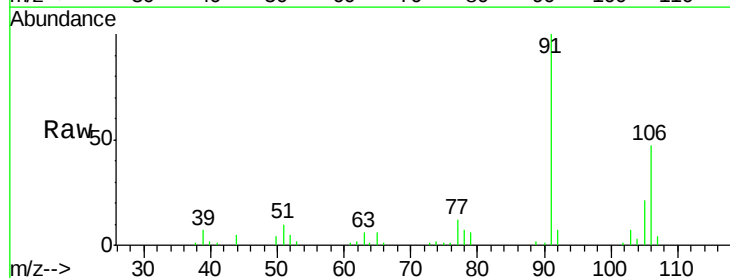
Acq: 15 Jun 2018 17:53

Tgt Ion:106 Resp: 10978

Ion Ratio Lower Upper

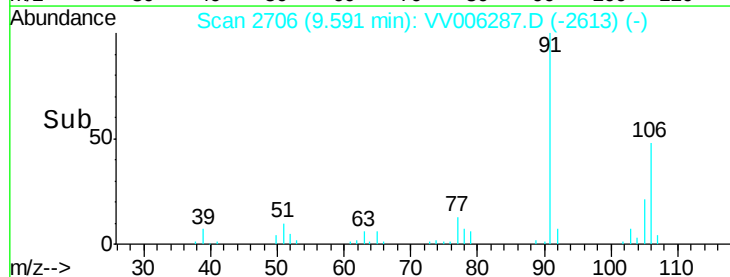
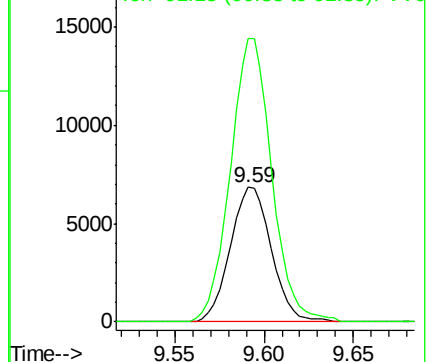
106 100

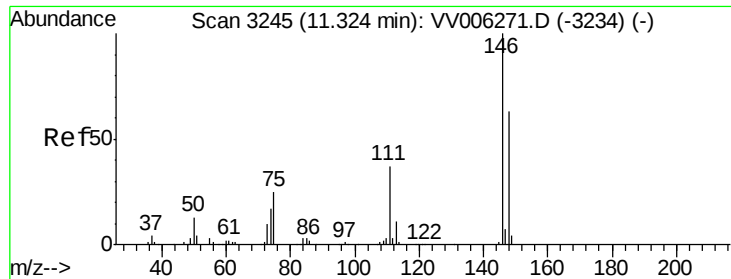
91 210.7 147.9 274.7



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0

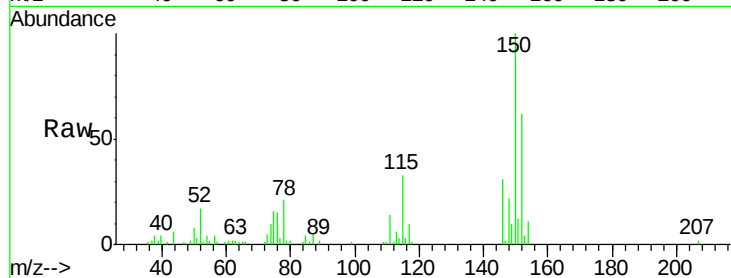




#63
 1,4-Dichlorobenzene
 Concen: 0.213 ug/L
 RT: 11.32 min Scan# 3245
 Delta R.T. 0.00 min
 Lab File: VV006287.D
 Acq: 15 Jun 2018 17:53

Instrument :
 MSVOA_V
 ClientSampleId :
 BEXT6DL

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.2	26.9	50.1
148	73.1	44.8	83.2



Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

