

Data File : VV006282.D
Acq On : 15 Jun 2018 15:08
Operator : SY/MD
Sample : J3397-06 2000X
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BEXT5

Quant Time: Jun 16 00:33:38 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	304609	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	276423	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	126567	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	88227	5.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.00%
7) Chloroethane-d5	1.58	69	72722	5.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.20%
11) 1,1-Dichloroethene-d2	2.13	63	127843	3.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.00%
20) 2-Butanone-d5	3.96	46	191736	54.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.56%
24) Chloroform-d	4.41	84	156042	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.09	65	80234	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
32) Benzene-d6	5.11	84	340936	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
36) 1,2-Dichloropropane-d6	6.12	67	99781	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	7.37	98	322621	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
43) trans-1,3-Dichloropropene-	7.67	79	37311	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
46) 2-Hexanone-d5	8.14	63	167045	43.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.58%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	64873	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	117255	5.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.80%

Target Compounds

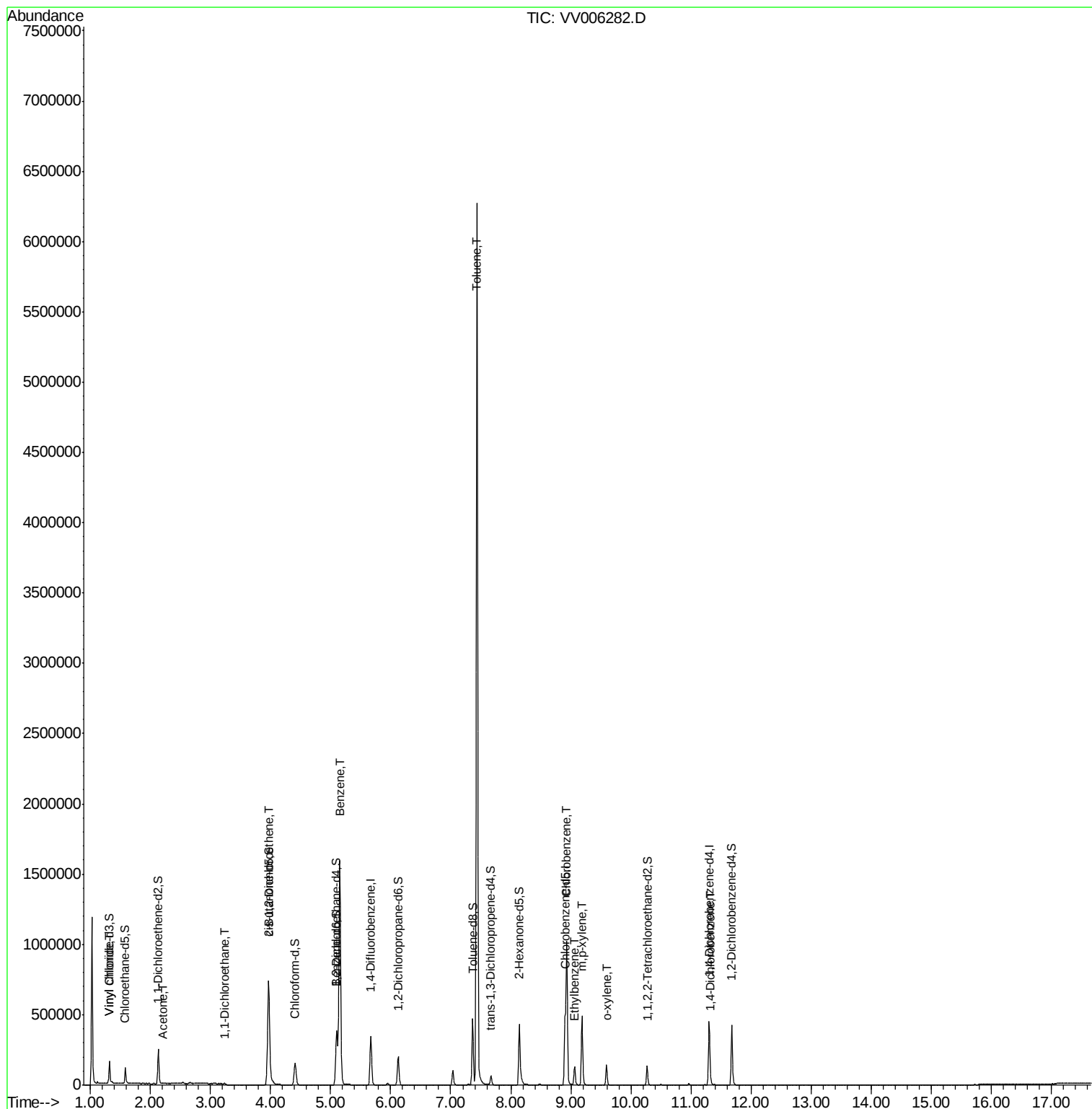
					Qvalue
5) Vinyl chloride	1.32	62	30898	1.315 ug/L	93
13) Acetone	2.22	43	4509	2.356 ug/L	90
19) 1,1-Dichloroethane	3.23	63	11669	0.364 ug/L	95
22) cis-1,2-Dichloroethene	3.97	96	379960	18.412 ug/L	# 98
33) Benzene	5.15	78	1621509	21.277 ug/L	100
42) Toluene	7.44	91	4644882	55.215 ug/L	98
51) Chlorobenzene	8.93	112	558703	10.345 ug/L	99
52) Ethylbenzene	9.06	91	92248	0.984 ug/L	99
53) m,p-xylene	9.19	106	143562	3.926 ug/L	100
54) o-xylene	9.59	106	40679	1.138 ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	8221	0.208 ug/L	96

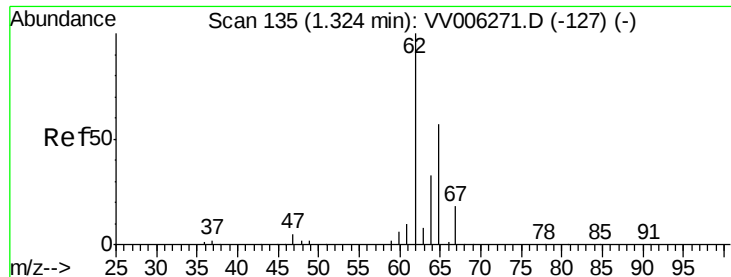
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.315 ug/L

RT: 1.32 min Scan# 135

Delta R.T. 0.00 min

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Acq: 15 Jun 2018 15:08

Instrument :

MSVOA_V

ClientSampleId :

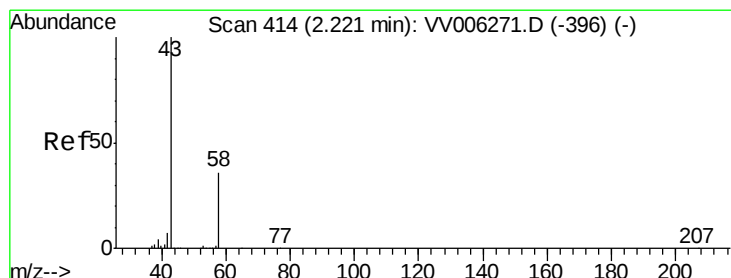
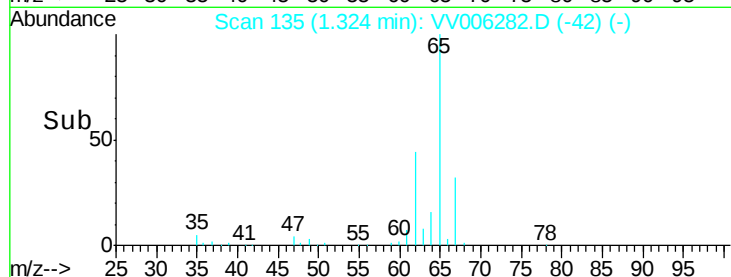
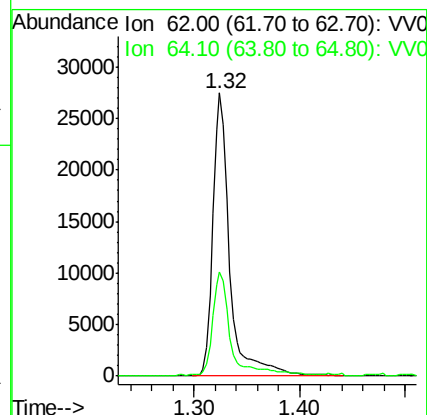
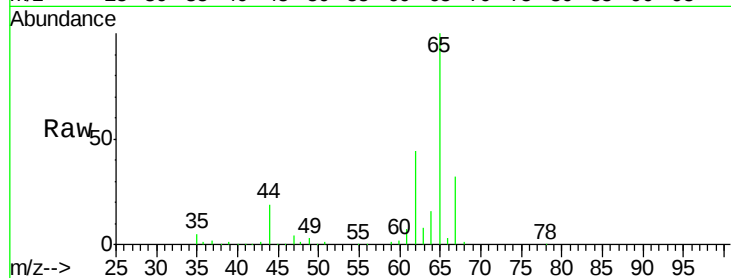
BEXT5

Tgt Ion: 62 Resp: 30898

Ion Ratio Lower Upper

62 100

64 37.0 23.1 42.9



#13

Acetone

Concen: 2.356 ug/L

RT: 2.22 min Scan# 414

Delta R.T. 0.00 min

Lab File: VV006282.D

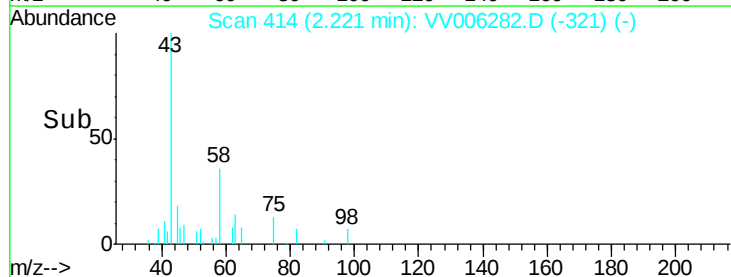
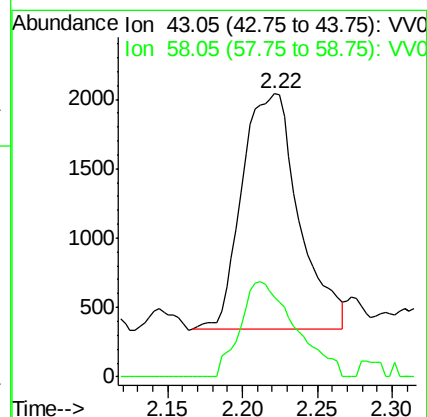
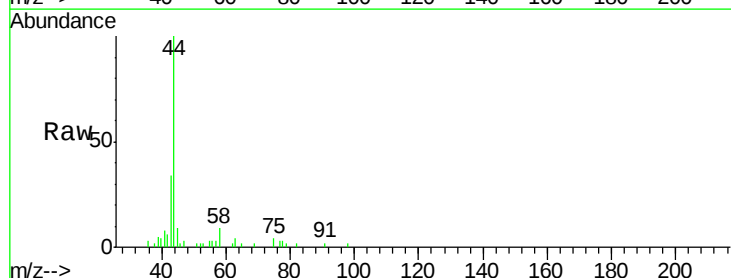
Acq: 15 Jun 2018 15:08

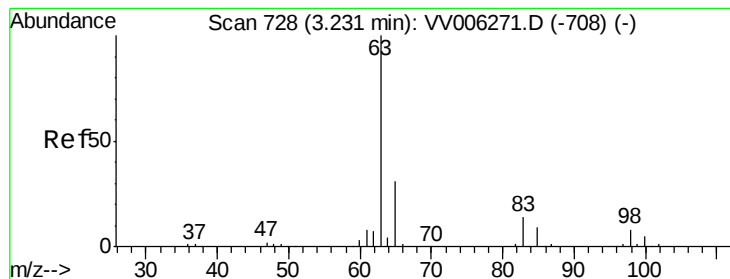
Tgt Ion: 43 Resp: 4509

Ion Ratio Lower Upper

43 100

58 39.1 0.0 67.4





#19

1,1-Dichloroethane

Concen: 0.364 ug/L

RT: 3.23 min Scan# 728

Delta R.T. 0.00 min

Lab File: VV006282.D

Acq: 15 Jun 2018 15:08

Instrument :

MSVOA_V

ClientSampleId :

BEXT5

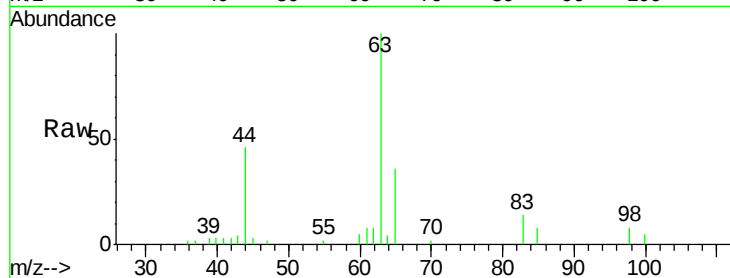
Tgt Ion: 63 Resp: 11669

Ion Ratio Lower Upper

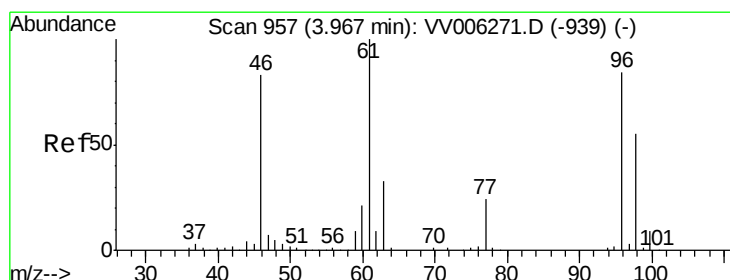
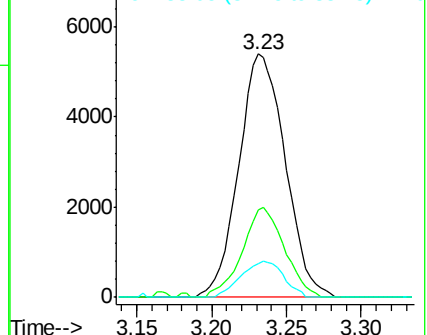
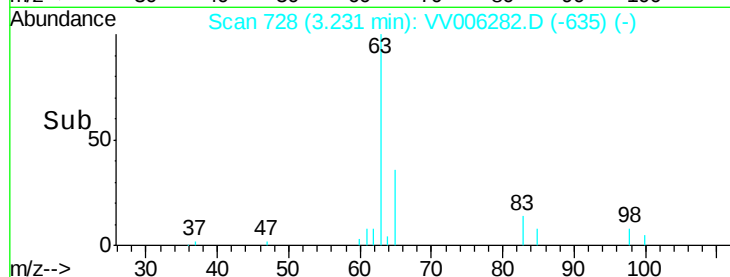
63 100

65 35.7 22.3 41.3

83 14.1 10.0 18.6



Abundance Ion 63.10 (62.80 to 63.80): VV006282.D (-635) (-)



#22

cis-1,2-Dichloroethene

Concen: 18.412 ug/L

RT: 3.97 min Scan# 958

Delta R.T. 0.00 min

Lab File: VV006282.D

Acq: 15 Jun 2018 15:08

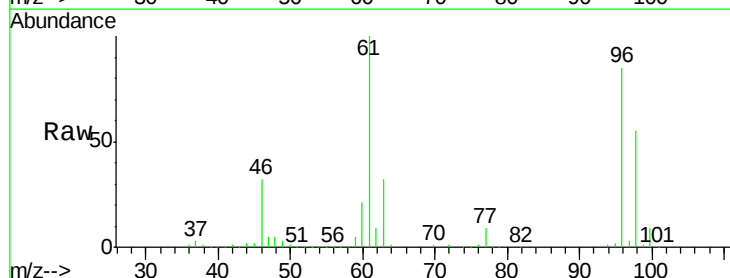
Tgt Ion: 96 Resp: 379960

Ion Ratio Lower Upper

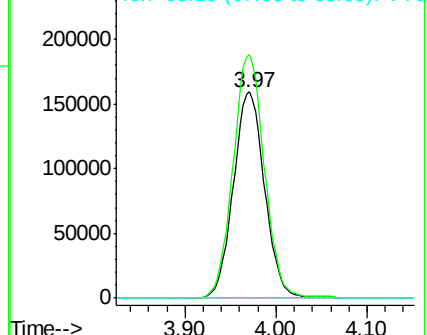
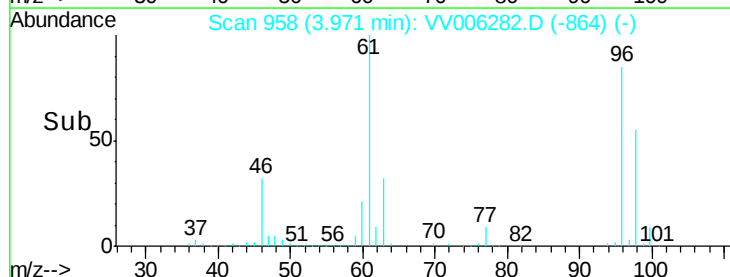
96 100

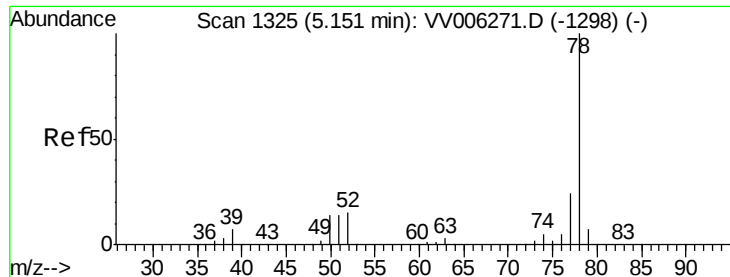
61 118.0 84.1 156.3

68 0.0 0.3 0.5#



Abundance Ion 96.00 (95.70 to 96.70): VV006282.D (-864) (-)





#33

Benzene

Concen: 21.277 ug/L

RT: 5.15 min Scan# 1326

Delta R.T. 0.00 min

Lab File: VV006282.D

Acq: 15 Jun 2018 15:08

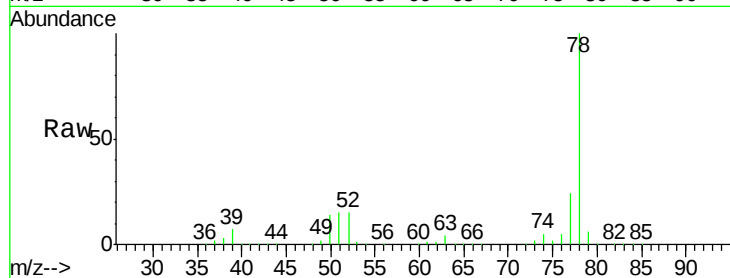
Instrument :

MSVOA_V

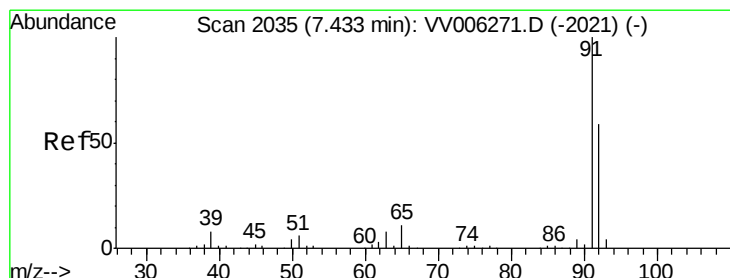
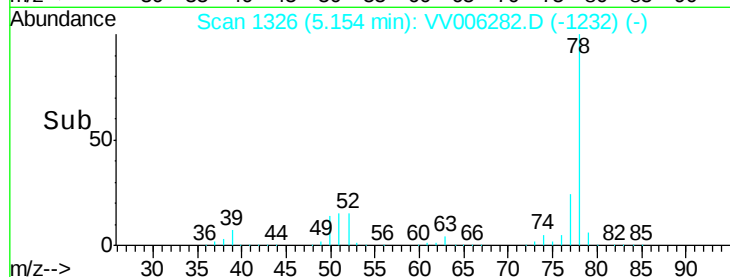
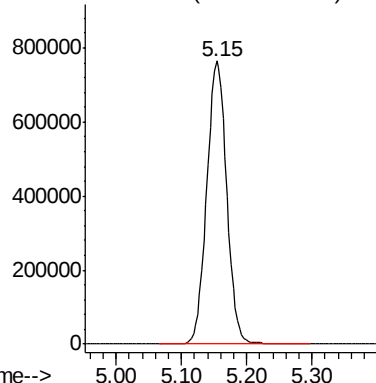
ClientSampleId :

BEXT5

Tgt Ion: 78 Resp: 1621509



Abundance Ion 78.10 (77.80 to 78.80): VV0



#42

Toluene

Concen: 55.215 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VV006282.D

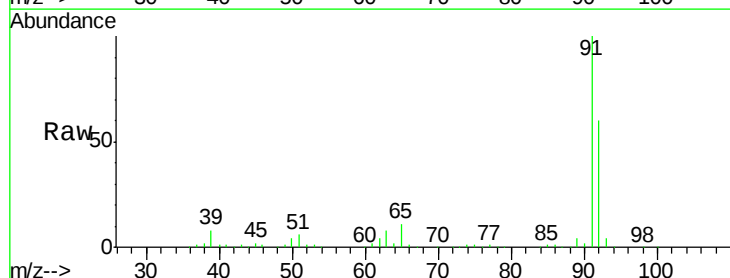
Acq: 15 Jun 2018 15:08

Tgt Ion: 91 Resp: 4644882

Ion Ratio Lower Upper

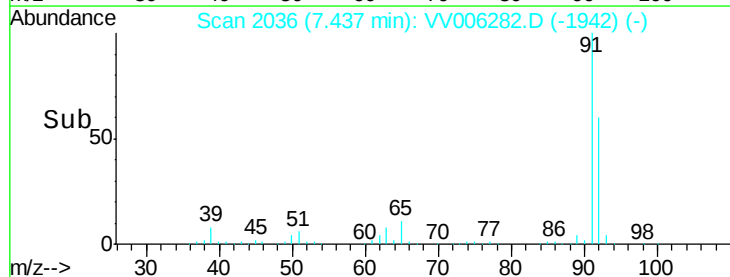
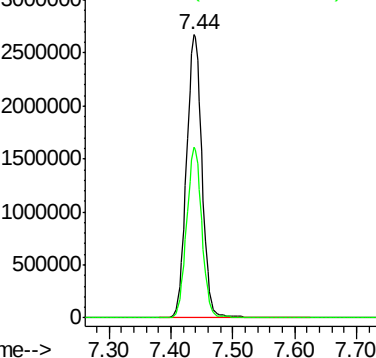
91 100

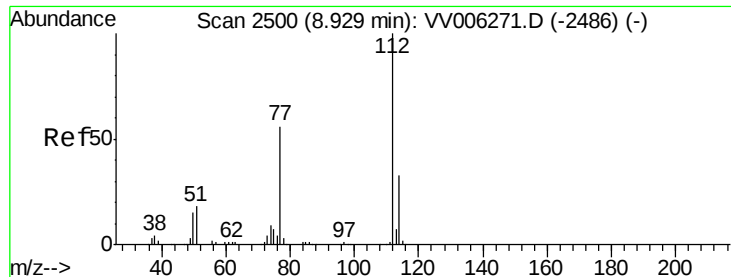
92 60.1 41.1 76.3



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0





#51

Chlorobenzene

Concen: 10.345 ug/L

RT: 8.93 min Scan# 2501

Delta R.T. 0.00 min

Lab File: VV006282.D

Acq: 15 Jun 2018 15:08

Instrument :

MSVOA_V

ClientSampleId :

BEXT5

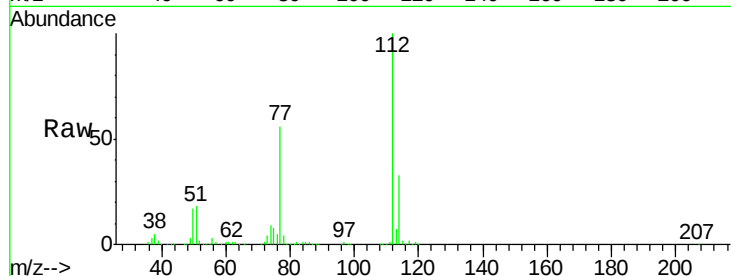
Tgt Ion: 112 Resp: 558703

Ion Ratio Lower Upper

112 100

114 33.0 22.2 41.2

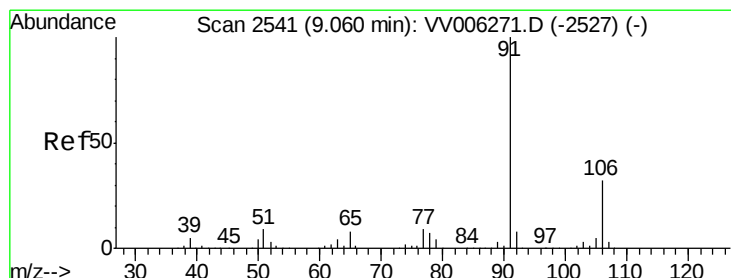
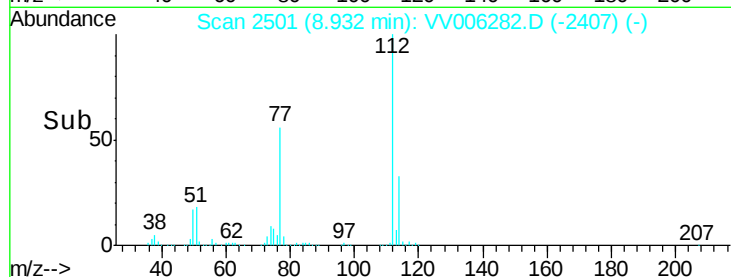
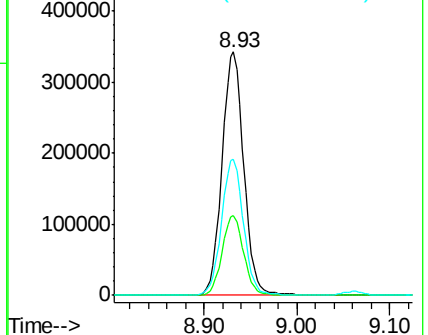
77 55.9 45.2 67.8



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: 0.984 ug/L

RT: 9.06 min Scan# 2541

Delta R.T. 0.00 min

Lab File: VV006282.D

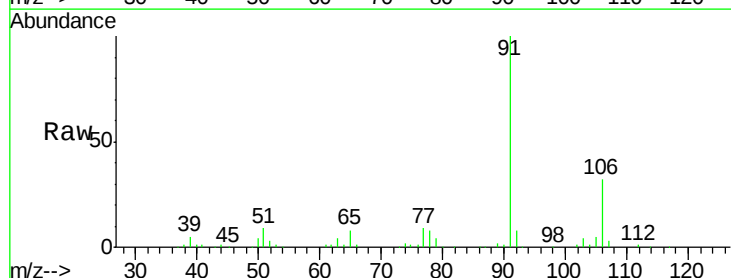
Acq: 15 Jun 2018 15:08

Tgt Ion: 91 Resp: 92248

Ion Ratio Lower Upper

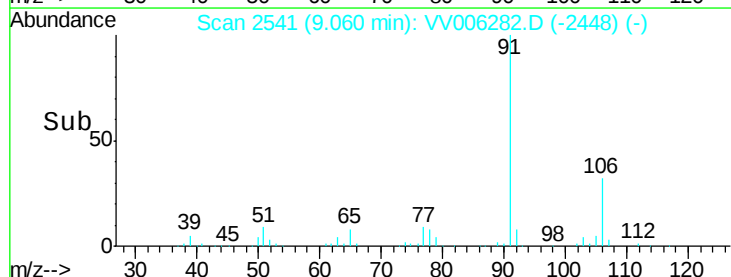
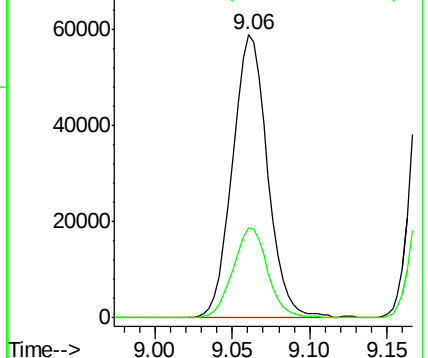
91 100

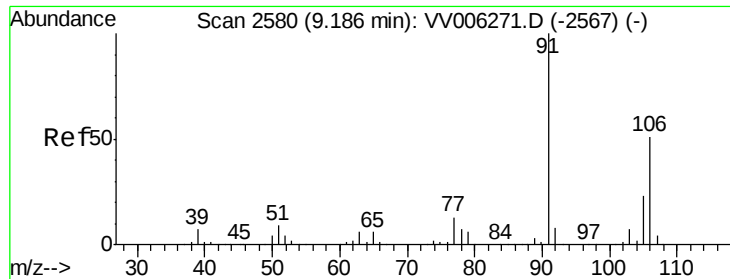
106 31.8 21.9 40.7



Abundance Ion 91.15 (90.85 to 91.85): V

Ion 106.15 (105.85 to 106.85): V





#53

m,p-xylene

Concen: 3.926 ug/L

RT: 9.19 min Scan# 2580

Delta R.T. 0.00 min

Lab File: VV006282.D

Acq: 15 Jun 2018 15:08

Instrument :

MSVOA_V

ClientSampleId :

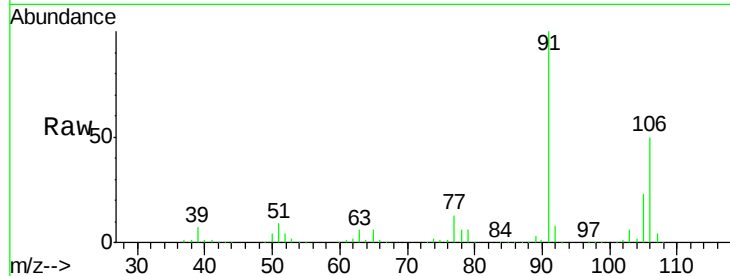
BEXT5

Tgt Ion:106 Resp: 143562

Ion Ratio Lower Upper

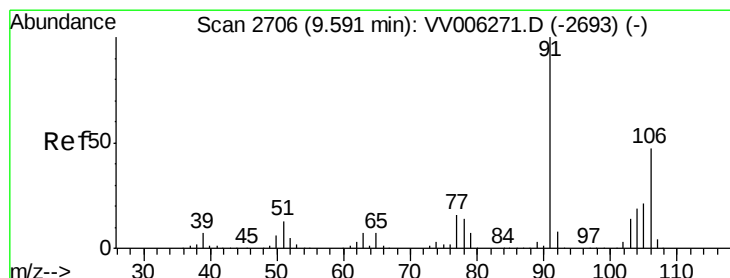
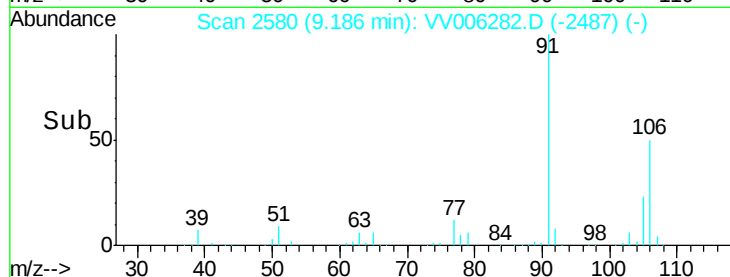
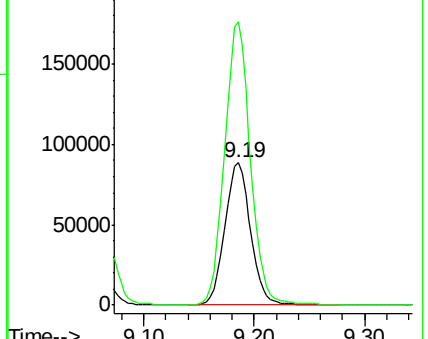
106 100

91 199.0 139.7 259.4



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#54

o-xylene

Concen: 1.138 ug/L

RT: 9.59 min Scan# 2706

Delta R.T. 0.00 min

Lab File: VV006282.D

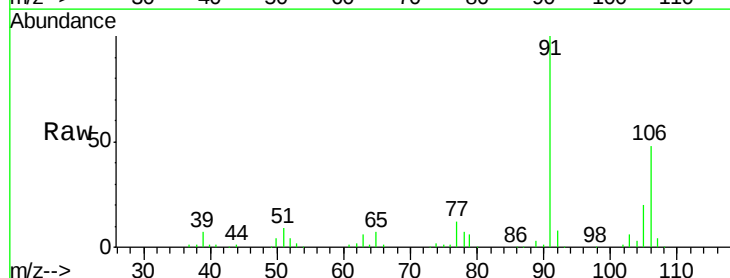
Acq: 15 Jun 2018 15:08

Tgt Ion:106 Resp: 40679

Ion Ratio Lower Upper

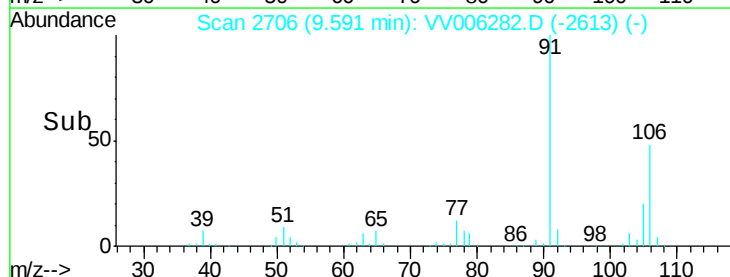
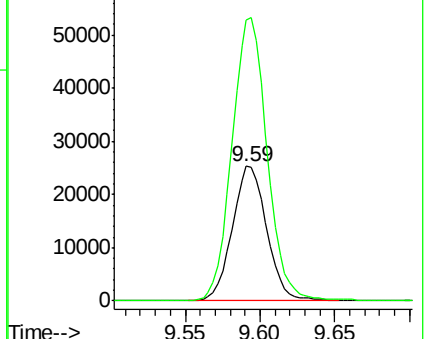
106 100

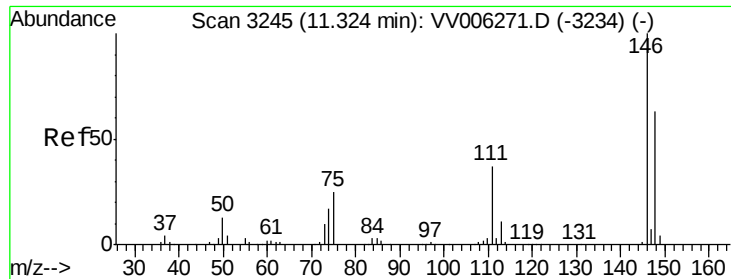
91 208.9 147.9 274.7



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0





#63
 1,4-Dichlorobenzene
 Concen: 0.208 ug/L
 RT: 11.32 min Scan# 3245
 Delta R.T. 0.00 min
 Lab File: VV006282.D
 Acq: 15 Jun 2018 15:08

Instrument :
 MSVOA_V
 ClientSampleId :
 BEXT5

Tgt Ion:146 Resp: 8221
 Ion Ratio Lower Upper
 146 100
 111 35.9 26.9 50.1
 148 60.7 44.8 83.2

