

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061518\
 Data File : VV006285.D
 Acq On : 15 Jun 2018 16:59
 Operator : SY/MD
 Sample : J3397-05DL 8000X
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BEXT4DL

Quant Time: Jun 15 23:52:11 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	382542	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	343744	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	153660	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	72164	3.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.00%
7) Chloroethane-d5	1.58	69	61478	3.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.40%
11) 1,1-Dichloroethene-d2	2.13	63	106404	2.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.40%#
20) 2-Butanone-d5	3.97	46	162361	36.60	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.20%
24) Chloroform-d	4.41	84	129318	3.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	64.00%#
26) 1,2-Dichloroethane-d4	5.09	65	66631	3.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.20%#
32) Benzene-d6	5.10	84	280016	3.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	67.80%#
36) 1,2-Dichloropropane-d6	6.12	67	83993	3.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	67.60%
41) Toluene-d8	7.36	98	264997	3.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.20%#
43) trans-1,3-Dichloropropene-	7.67	79	29812	2.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	53.60%#
46) 2-Hexanone-d5	8.14	63	136701	28.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	56.98%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	53803	2.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	59.80%#
64) 1,2-Dichlorobenzene-d4	11.68	152	97068	3.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	72.80%#

Target Compounds

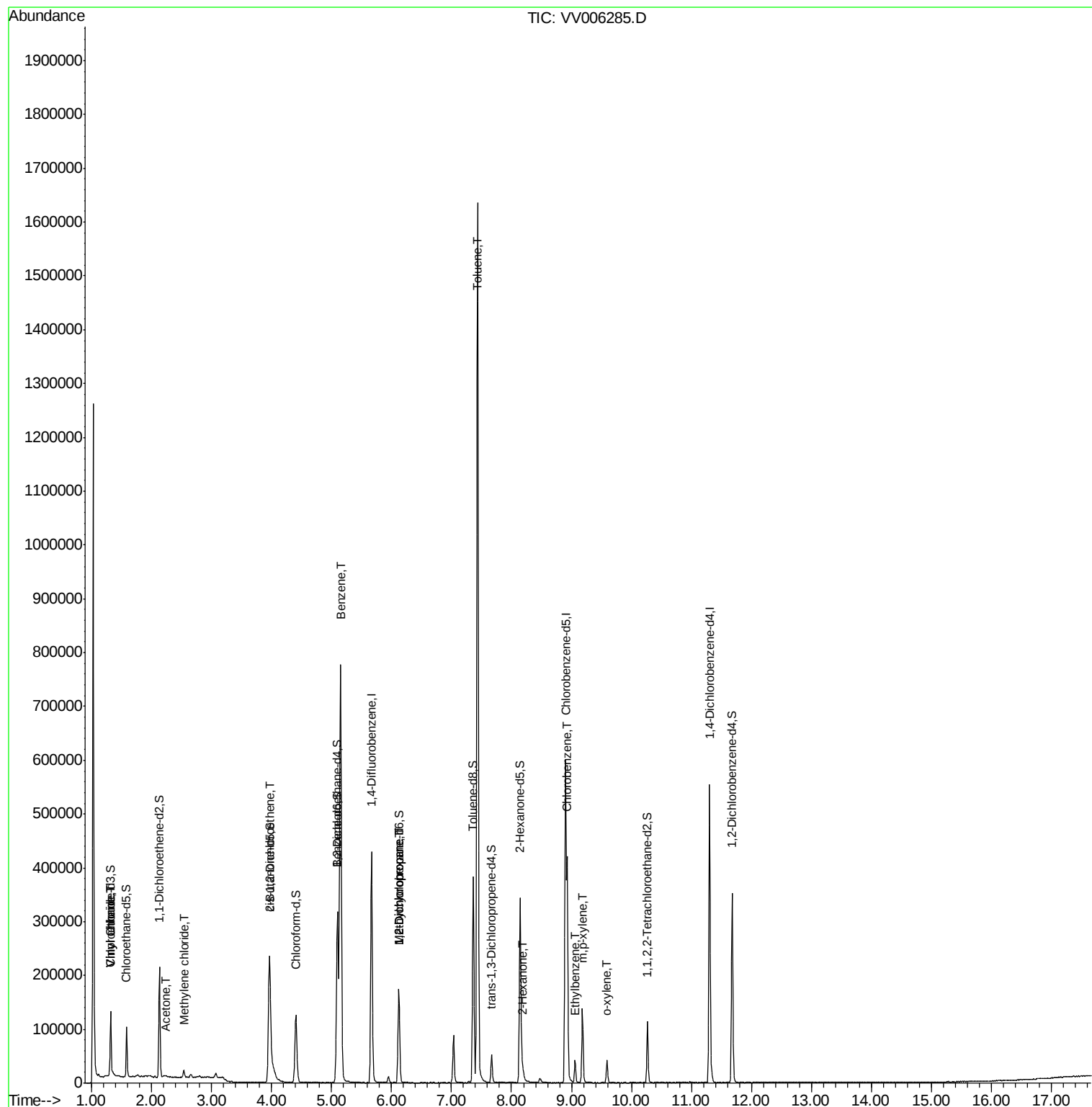
					Qvalue
5) Vinyl chloride	1.32	62	16786	0.569 ug/L	98
8) Chloroethane	1.32	64	5431	0.329 ug/L	88
13) Acetone	2.22	43	1647	0.685 ug/L	58
16) Methylene chloride	2.54	84	6167	0.254 ug/L	94
22) cis-1,2-Dichloroethene	3.96	96	102405	3.951 ug/L #	99
33) Benzene	5.15	78	798637	8.427 ug/L	100
35) Methylcyclohexane	6.12	83	20444	0.460 ug/L #	20
37) 1,2-Dichloropropane	6.12	63	9240	0.407 ug/L #	85
42) Toluene	7.43	91	1205071	11.520 ug/L	100
48) 2-Hexanone	8.19	43	11762	1.425 ug/L #	86
51) Chlorobenzene	8.93	112	218156	3.248 ug/L	99
52) Ethylbenzene	9.06	91	29911	0.257 ug/L	100
53) m,p-xylene	9.18	106	40492	0.891 ug/L	98
54) o-xylene	9.59	106	11555	0.260 ug/L	100

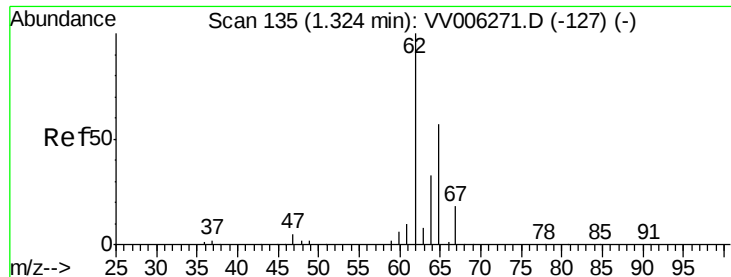
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 15 23:47:49 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.569 ug/L

RT: 1.32 min Scan# 135

Delta R.T. 0.00 min

Lab File: VV006285.D

Acq: 15 Jun 2018 16:59

Instrument :

MSVOA_V

ClientSampleId :

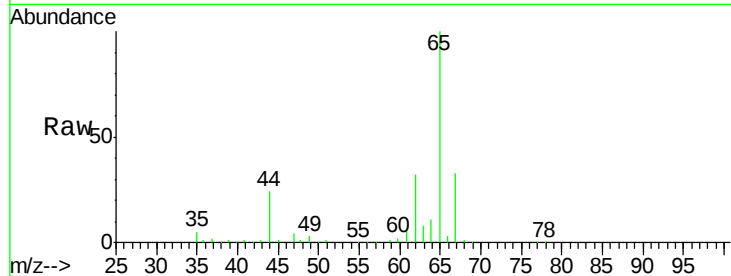
BEXT4DL

Tgt Ion: 62 Resp: 16786

Ion Ratio Lower Upper

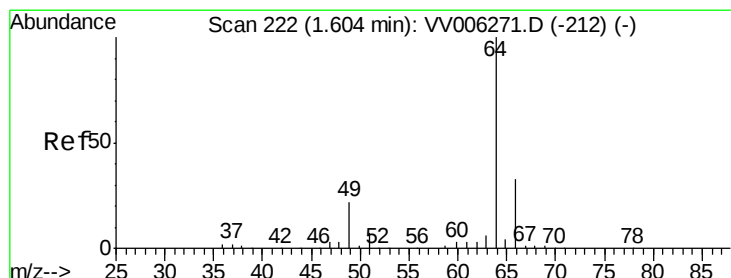
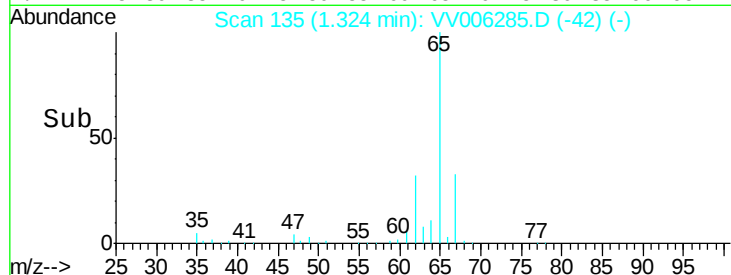
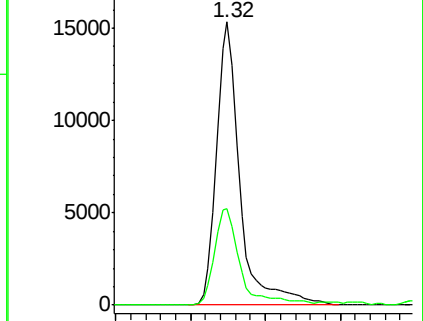
62 100

64 34.0 23.1 42.9



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#8

Chloroethane

Concen: 0.329 ug/L

RT: 1.32 min Scan# 135

Delta R.T. -0.28 min

Lab File: VV006285.D

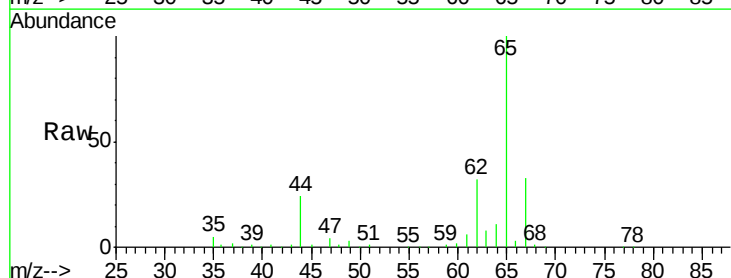
Acq: 15 Jun 2018 16:59

Tgt Ion: 64 Resp: 5431

Ion Ratio Lower Upper

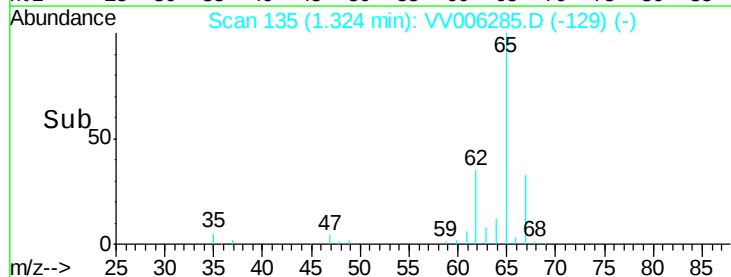
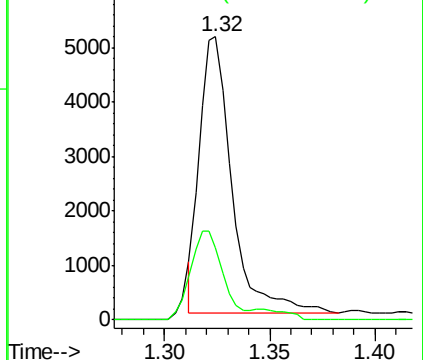
64 100

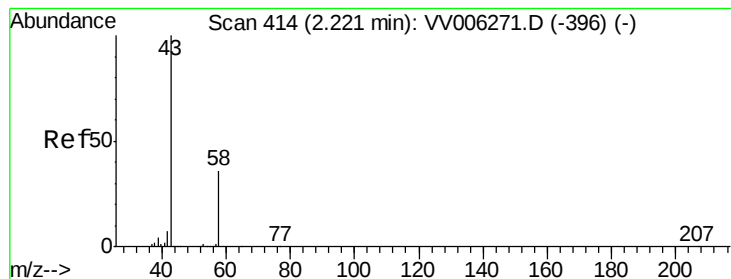
66 25.4 22.5 41.7



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0





#13

Acetone

Concen: 0.685 ug/L

RT: 2.22 min Scan# 414

Delta R.T. 0.00 min

Lab File: VV006285.D

Acq: 15 Jun 2018 16:59

Instrument :

MSVOA_V

ClientSampleId :

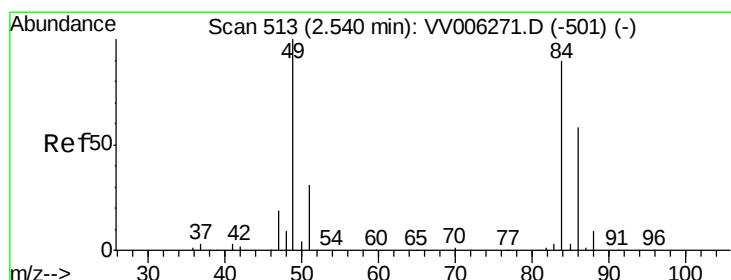
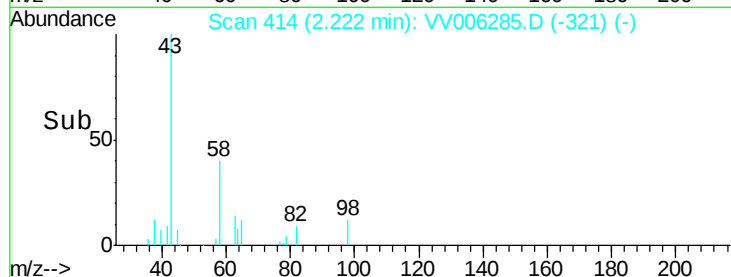
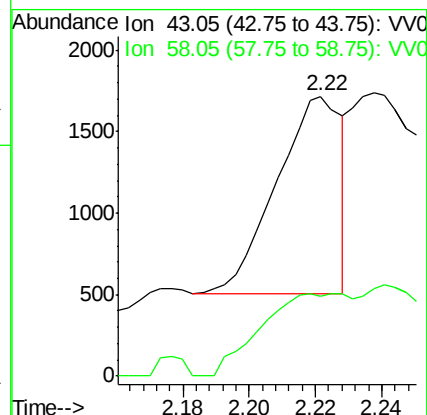
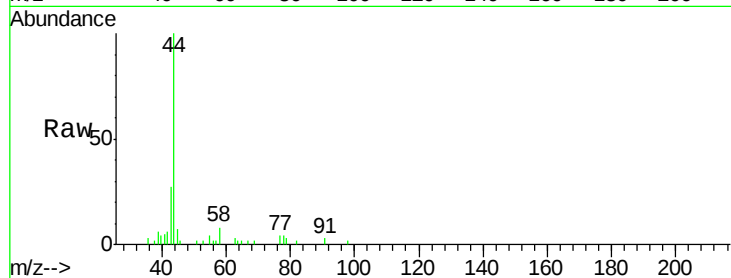
BEXT4DL

Tgt Ion: 43 Resp: 1647

Ion Ratio Lower Upper

43 100

58 57.6 0.0 67.4



#16

Methylene chloride

Concen: 0.254 ug/L

RT: 2.54 min Scan# 513

Delta R.T. 0.00 min

Lab File: VV006285.D

Acq: 15 Jun 2018 16:59

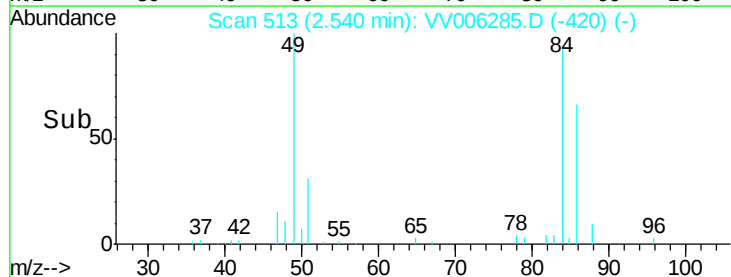
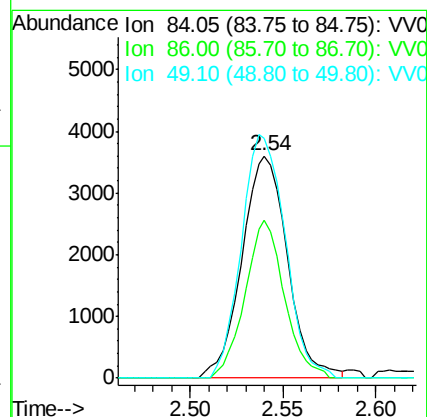
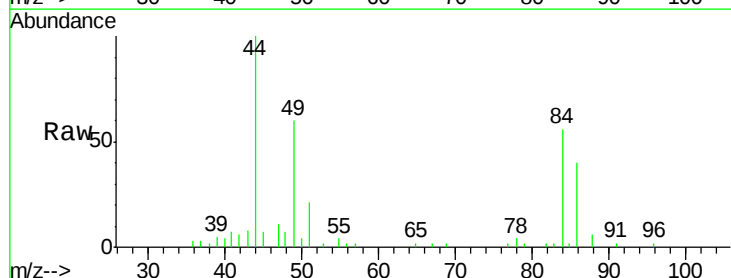
Tgt Ion: 84 Resp: 6167

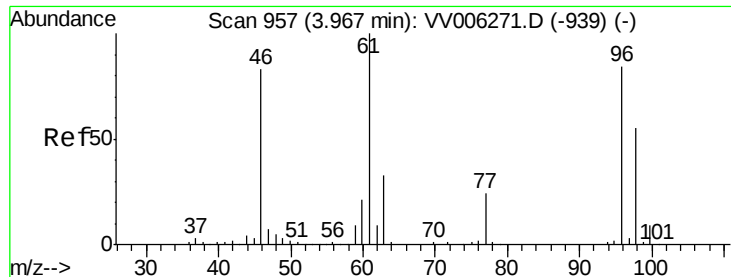
Ion Ratio Lower Upper

84 100

86 70.9 44.2 82.0

49 108.0 78.8 146.4



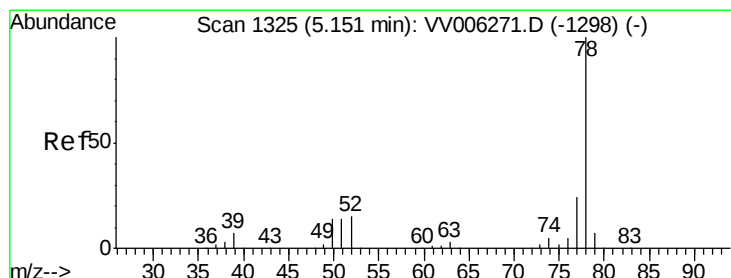
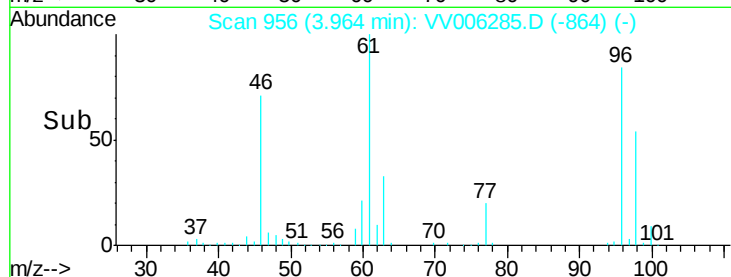
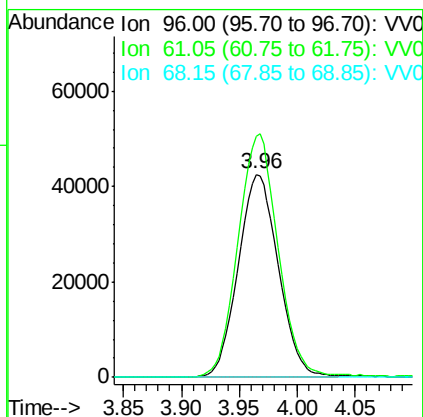
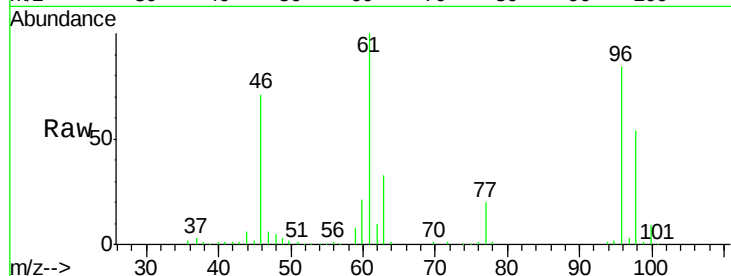


#22

cis-1,2-Dichloroethene
 Concen: 3.951 ug/L
 RT: 3.96 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: VV006285.D
 Acq: 15 Jun 2018 16:59

Instrument :
 MSVOA_V
 ClientSampleId :
 BEXT4DL

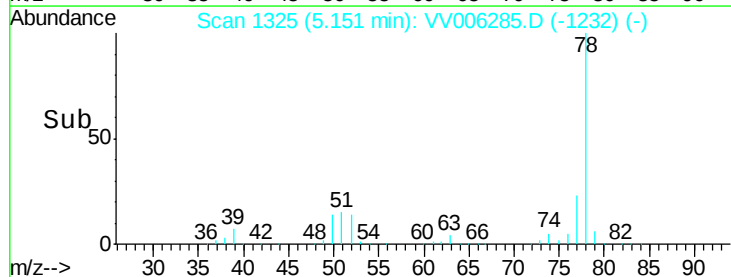
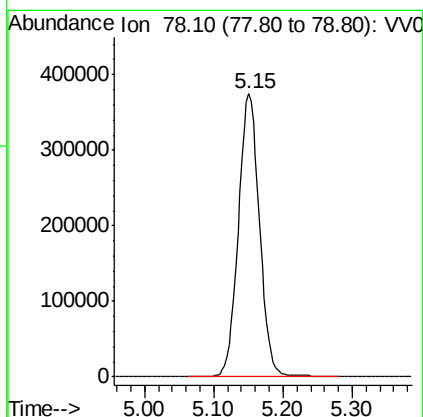
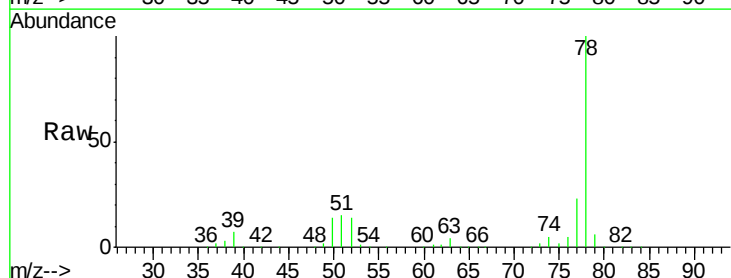
Tgt Ion: 96 Resp: 102405
 Ion Ratio Lower Upper
 96 100
 61 118.8 84.1 156.3
 68 0.0 0.3 0.5#

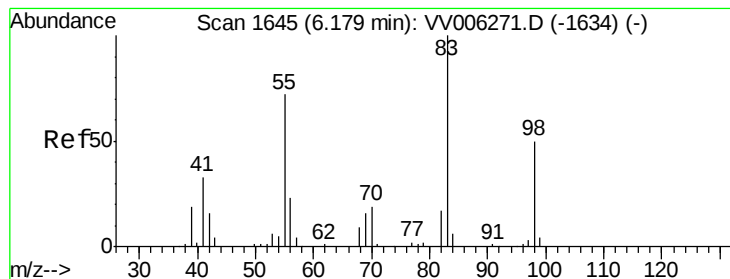


#33

Benzene
 Concen: 8.427 ug/L
 RT: 5.15 min Scan# 1325
 Delta R.T. 0.00 min
 Lab File: VV006285.D
 Acq: 15 Jun 2018 16:59

Tgt Ion: 78 Resp: 798637





#35

Methylcyclohexane

Concen: 0.460 ug/L

RT: 6.12 min Scan# 1627

Delta R.T. -0.06 min

Lab File: VV006285.D

Acq: 15 Jun 2018 16:59

Instrument :

MSVOA_V

ClientSampleId :

BEXT4DL

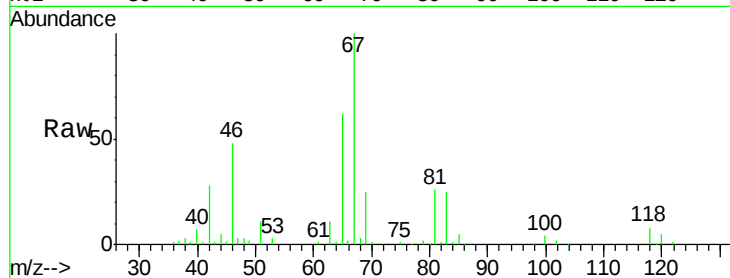
Tgt Ion: 83 Resp: 20444

Ion Ratio Lower Upper

83 100

55 0.2 57.5 86.3#

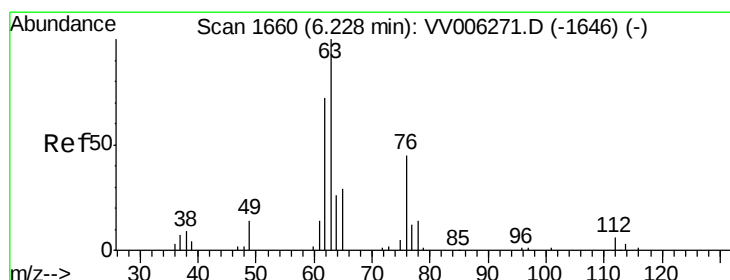
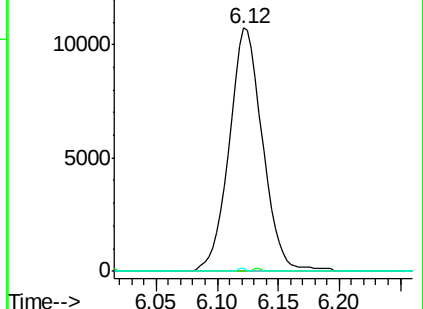
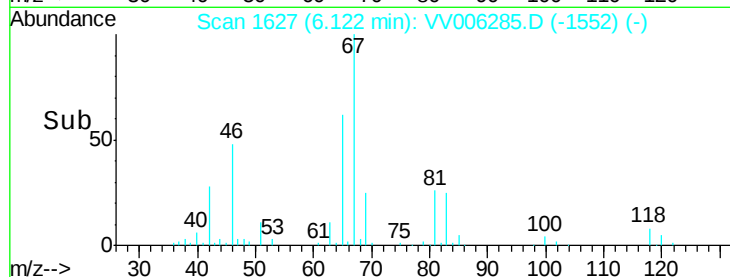
98 0.2 39.8 59.8#



Abundance Ion 83.15 (82.85 to 83.85): VV006285.D (-1552) (-)

Ion 55.10 (54.80 to 55.80): VV006285.D (-1552) (-)

Ion 98.15 (97.85 to 98.85): VV006285.D (-1552) (-)



#37

1,2-Dichloropropane

Concen: 0.407 ug/L

RT: 6.12 min Scan# 1627

Delta R.T. -0.11 min

Lab File: VV006285.D

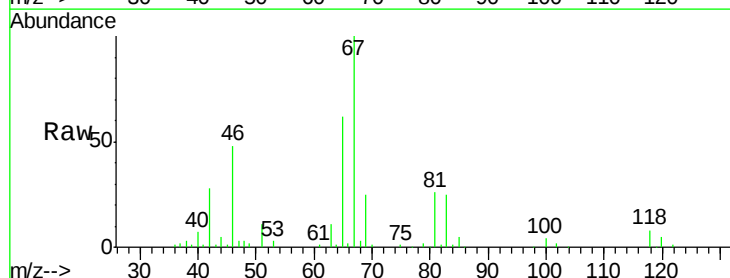
Acq: 15 Jun 2018 16:59

Tgt Ion: 63 Resp: 9240

Ion Ratio Lower Upper

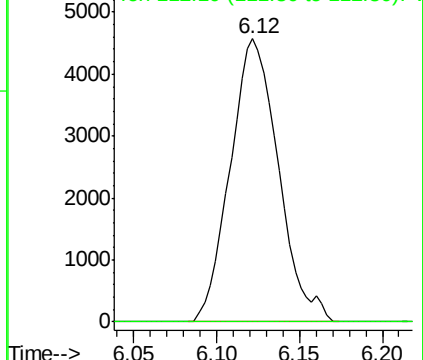
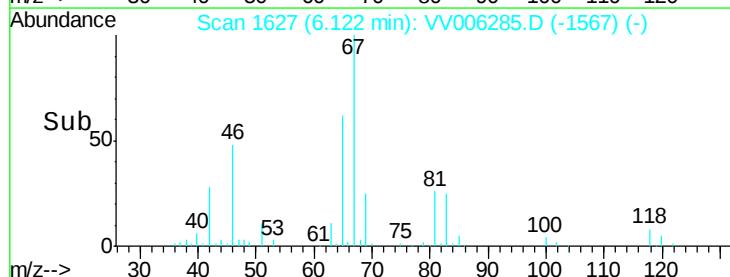
63 100

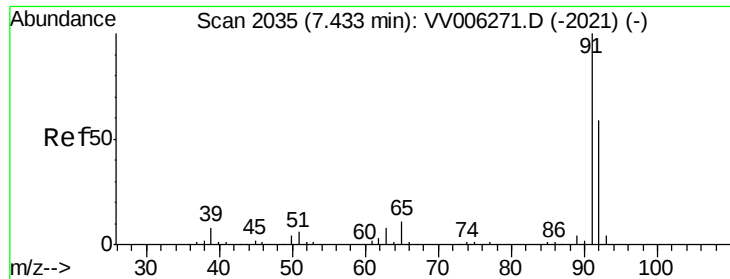
112 0.0 4.1 6.1#



Abundance Ion 63.10 (62.80 to 63.80): VV006285.D (-1567) (-)

Ion 112.10 (111.80 to 112.80): VV006285.D (-1567) (-)





#42

Toluene

Concen: 11.520 ug/L

RT: 7.43 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VV006285.D

Acq: 15 Jun 2018 16:59

Instrument :

MSVOA_V

ClientSampleId :

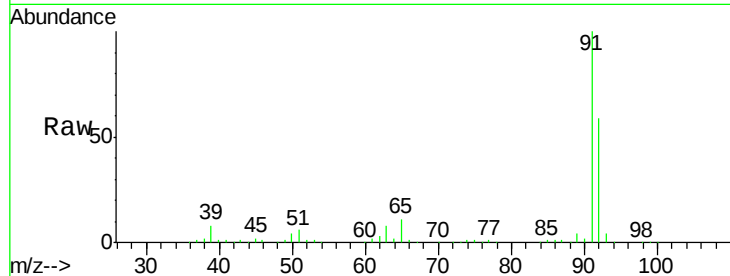
BEXT4DL

Tgt Ion: 91 Resp: 1205071

Ion Ratio Lower Upper

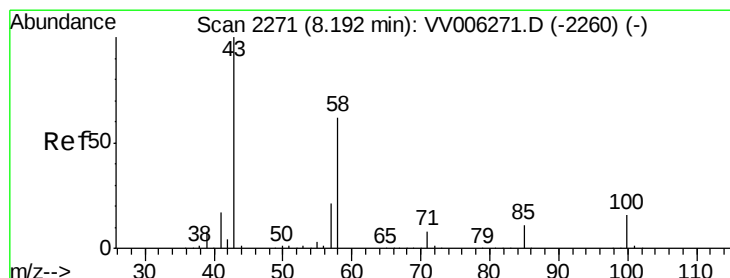
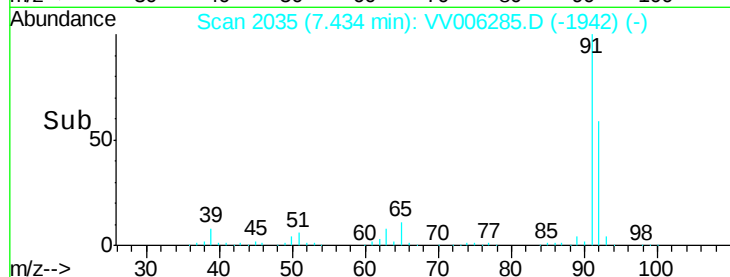
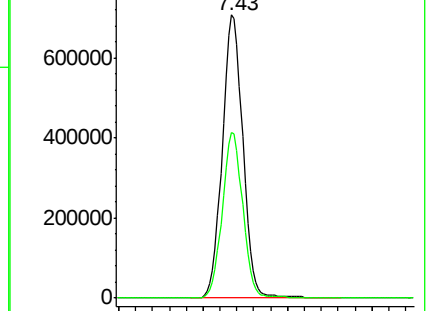
91 100

92 58.6 41.1 76.3



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



#48

2-Hexanone

Concen: 1.425 ug/L

RT: 8.19 min Scan# 2270

Delta R.T. -0.00 min

Lab File: VV006285.D

Acq: 15 Jun 2018 16:59

Tgt Ion: 43 Resp: 11762

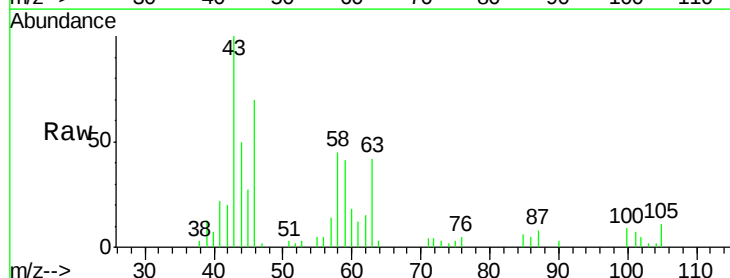
Ion Ratio Lower Upper

43 100

58 49.4 48.6 72.8

57 16.2 17.5 26.3#

100 9.8 12.6 18.8#

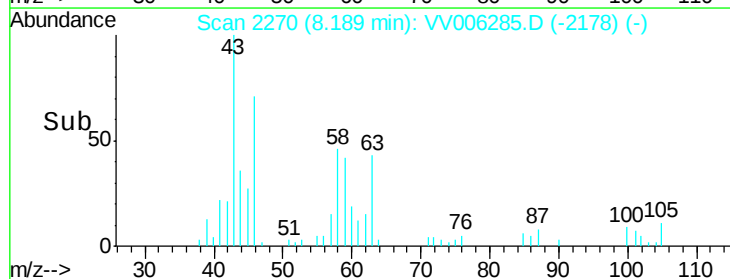
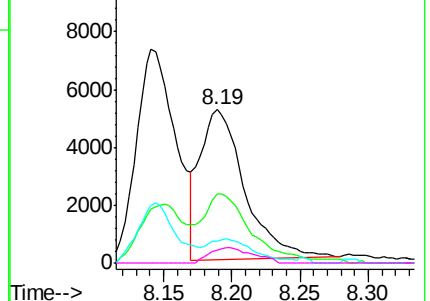


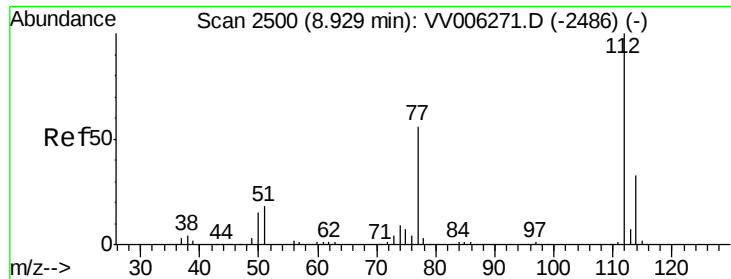
Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

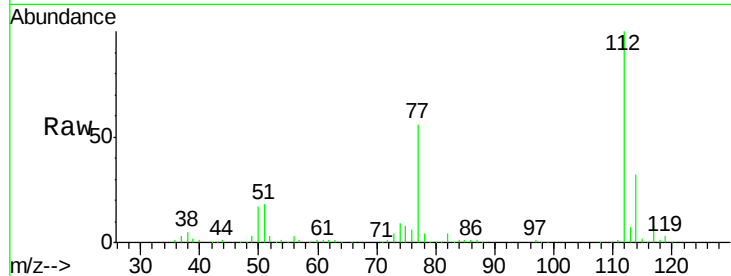




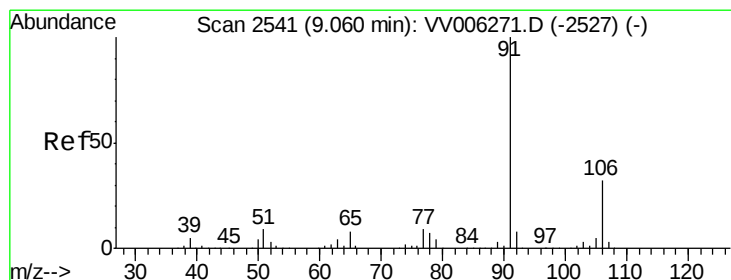
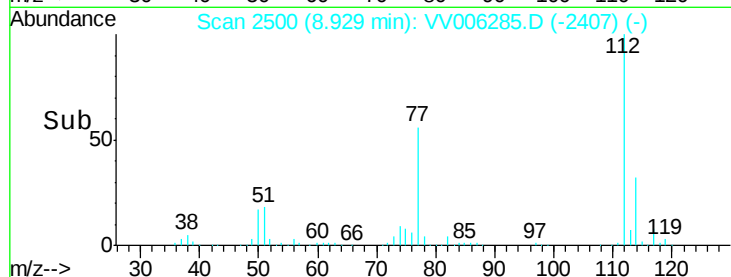
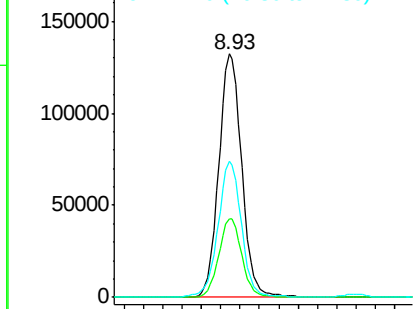
#51
Chlorobenzene
Concen: 3.248 ug/L
RT: 8.93 min Scan# 2500
Delta R.T. 0.00 min
Lab File: VV006285.D
Acq: 15 Jun 2018 16:59

Instrument :
MSVOA_V
ClientSampleId :
BEXT4DL

Tgt Ion: 112 Resp: 218156
Ion Ratio Lower Upper
112 100
114 32.3 22.2 41.2
77 55.8 45.2 67.8

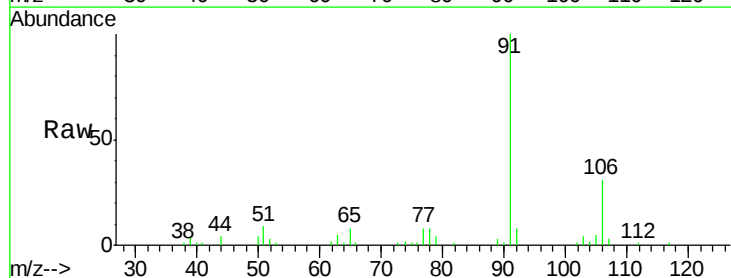


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V

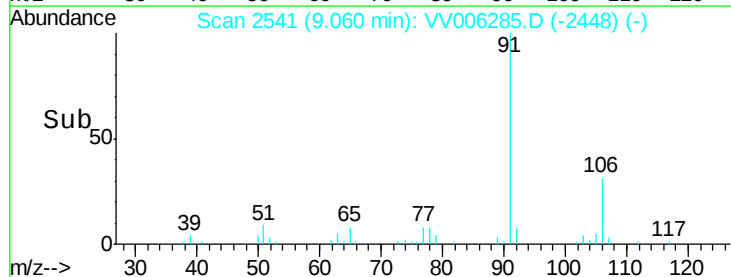
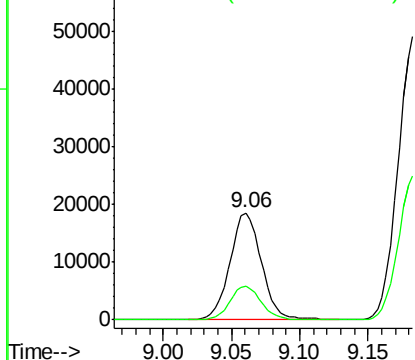


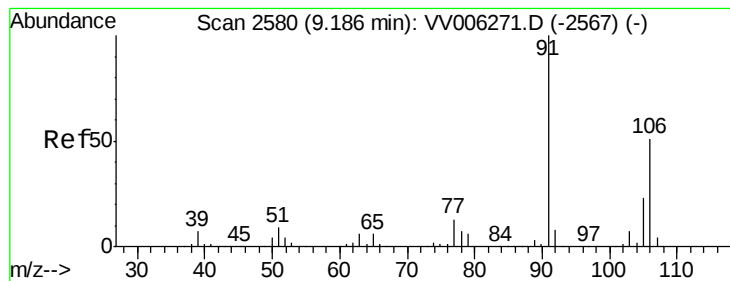
#52
Ethylbenzene
Concen: 0.257 ug/L
RT: 9.06 min Scan# 2541
Delta R.T. 0.00 min
Lab File: VV006285.D
Acq: 15 Jun 2018 16:59

Tgt Ion: 91 Resp: 29911
Ion Ratio Lower Upper
91 100
106 31.1 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: 0.891 ug/L

RT: 9.18 min Scan# 2579

Delta R.T. -0.00 min

Lab File: VV006285.D

Acq: 15 Jun 2018 16:59

Instrument :

MSVOA_V

ClientSampled :

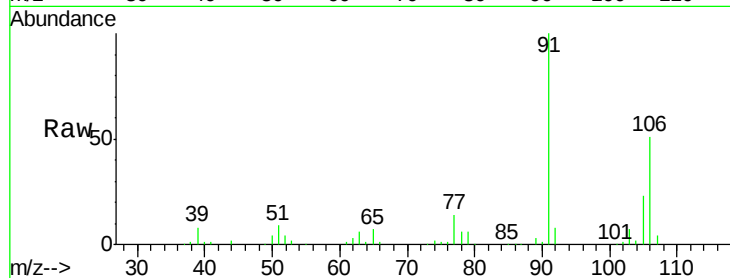
BEXT4DL

Tgt Ion:106 Resp: 40492

Ion Ratio Lower Upper

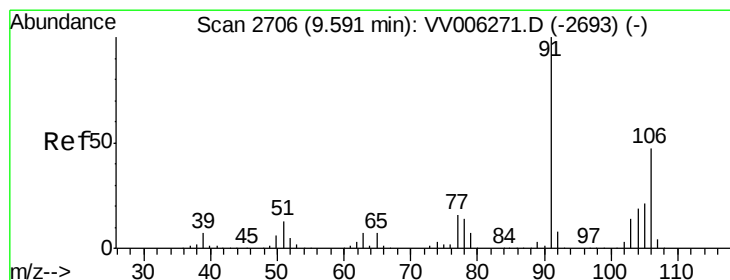
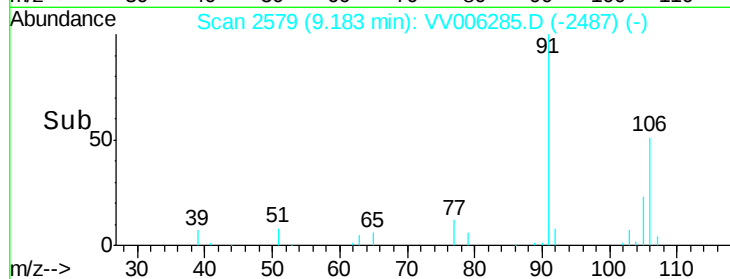
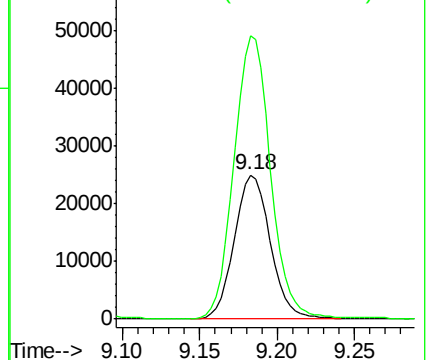
106 100

91 195.9 139.7 259.4



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#54

o-xylene

Concen: 0.260 ug/L

RT: 9.59 min Scan# 2706

Delta R.T. 0.00 min

Lab File: VV006285.D

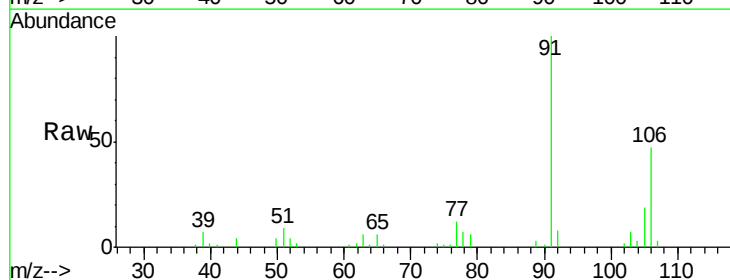
Acq: 15 Jun 2018 16:59

Tgt Ion:106 Resp: 11555

Ion Ratio Lower Upper

106 100

91 212.1 147.9 274.7



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0

