

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061518\
 Data File : VV006289.D
 Acq On : 15 Jun 2018 18:47
 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 23:52:50 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	314842	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	282419	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	126768	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	84160	4.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.00%
7) Chloroethane-d5	1.58	69	68928	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.20%
11) 1,1-Dichloroethene-d2	2.13	63	119545	3.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.60%
20) 2-Butanone-d5	3.98	46	190414	52.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.30%
24) Chloroform-d	4.41	84	150467	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.09	65	78132	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.10	84	322574	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.12	67	95731	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	7.37	98	302830	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
43) trans-1,3-Dichloropropene-	7.67	79	34305	3.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.00%
46) 2-Hexanone-d5	8.14	63	157992	40.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.16%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	64418	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	110039	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	16611	0.684 ug/L	92
8) Chloroethane	1.32	64	6598	0.486 ug/L	86
13) Acetone	2.23	43	5773	2.918 ug/L	89
21) 2-Butanone	4.05	43	835	0.232 ug/L	96
22) cis-1,2-Dichloroethene	3.97	96	103652	4.859 ug/L #	99
33) Benzene	5.15	78	793586	10.192 ug/L	100
35) Methylcyclohexane	6.12	83	23660	0.648 ug/L #	20
37) 1,2-Dichloropropane	6.12	63	10263	0.550 ug/L #	85
40) 4-Methyl-2-pentanone	7.29	43	1944	0.201 ug/L #	79
42) Toluene	7.44	91	1200087	13.963 ug/L	100
48) 2-Hexanone	8.19	43	14703	2.168 ug/L #	84
51) Chlorobenzene	8.93	112	216709	3.927 ug/L	98
52) Ethylbenzene	9.06	91	28617	0.299 ug/L	97
53) m,p-xylene	9.19	106	39528	1.058 ug/L	98
54) o-xylene	9.59	106	11225	0.307 ug/L	99

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 15 23:47:49 2018
Response via : Initial Calibration

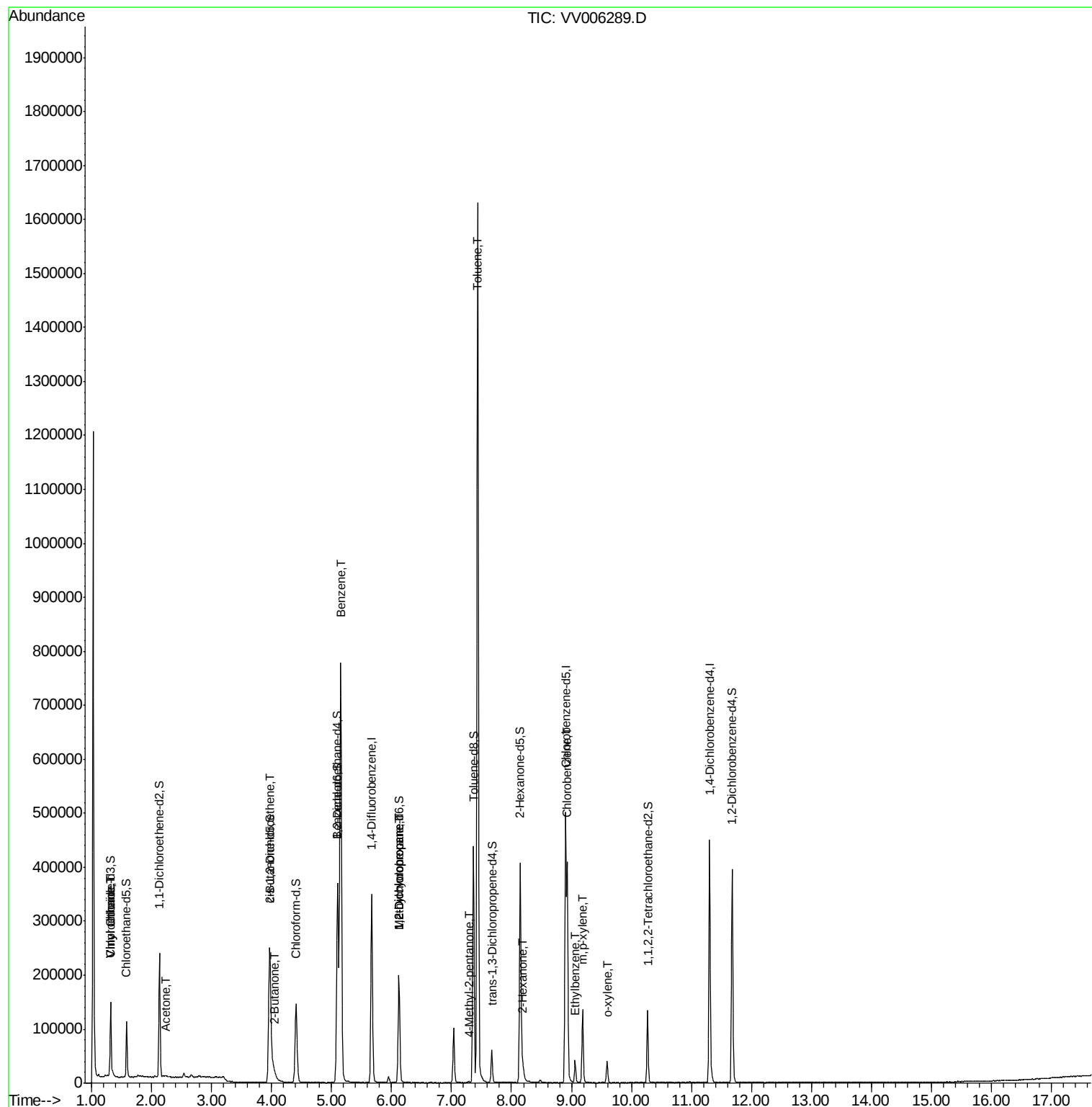
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

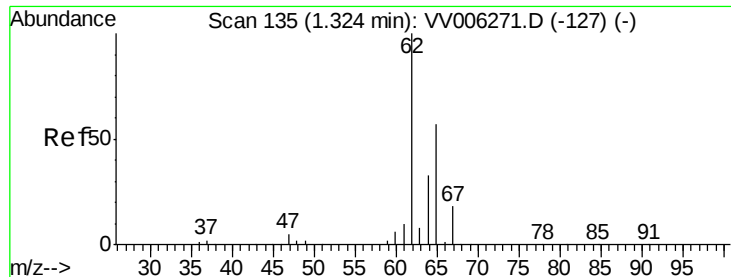
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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Data File : VV006289.D
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Sample : J3397-05DL 8000X
Misc : 25 mL/MSVOA_V/WATER
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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.684 ug/L

RT: 1.32 min Scan# 135

Delta R.T. -0.00 min

Lab File: VV006289.D

Acq: 15 Jun 2018 18:47

Instrument :

MSVOA_V

ClientSampleId :

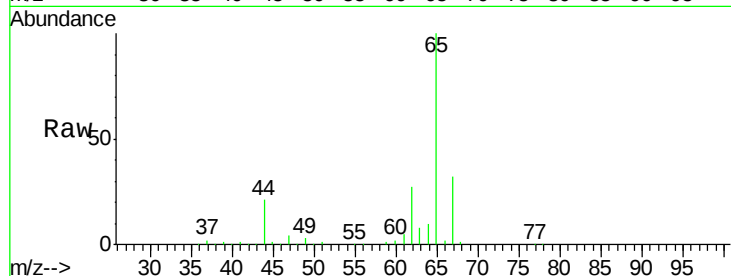
BEXT4DL

Tgt Ion: 62 Resp: 16611

Ion Ratio Lower Upper

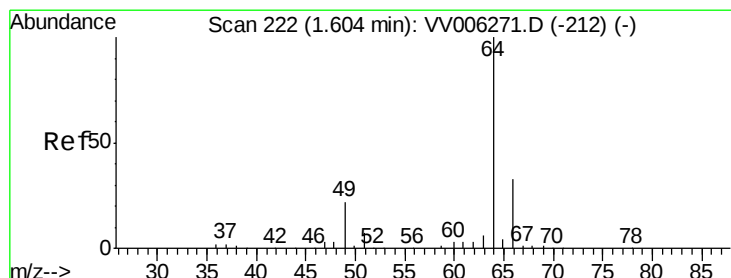
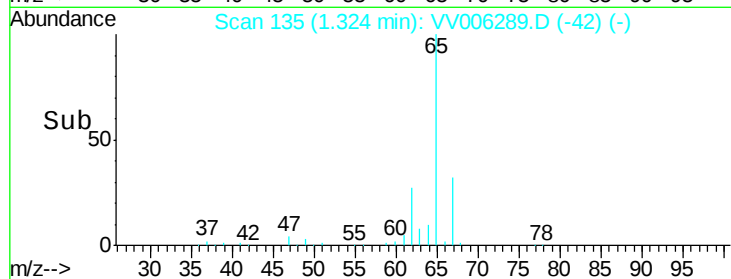
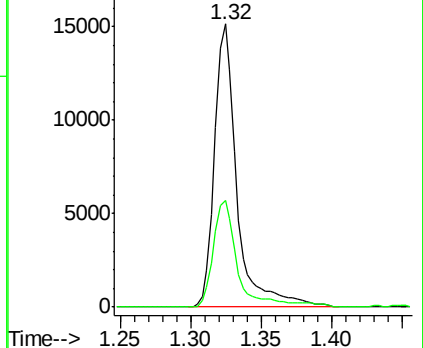
62 100

64 37.6 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: 0.486 ug/L

RT: 1.32 min Scan# 135

Delta R.T. -0.28 min

Lab File: VV006289.D

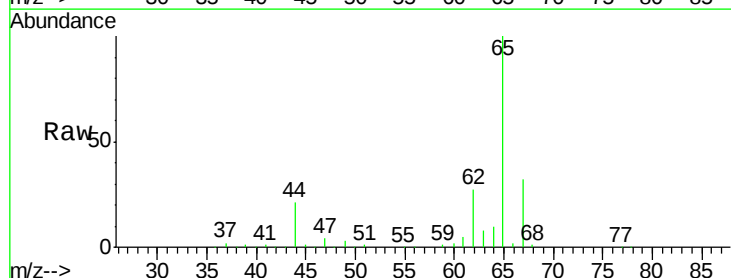
Acq: 15 Jun 2018 18:47

Tgt Ion: 64 Resp: 6598

Ion Ratio Lower Upper

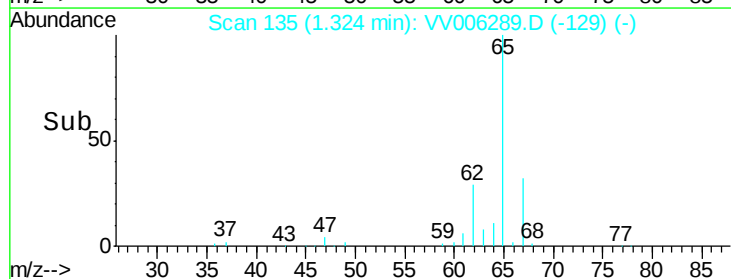
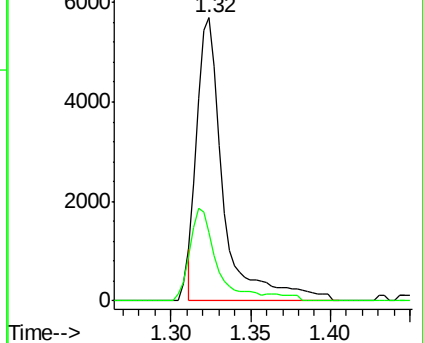
64 100

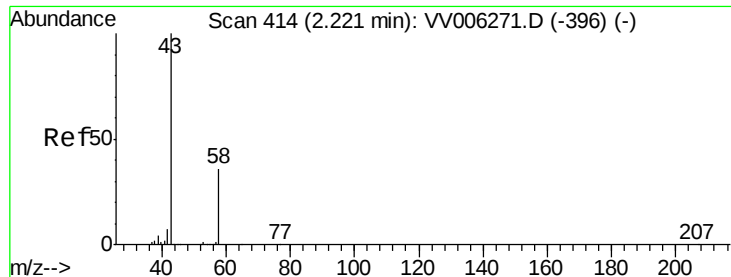
66 24.1 22.5 41.7



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0





#13

Acetone

Concen: 2.918 ug/L

RT: 2.23 min Scan# 417

Delta R.T. 0.01 min

Lab File: VV006289.D

Acq: 15 Jun 2018 18:47

Instrument :

MSVOA_V

ClientSampleId :

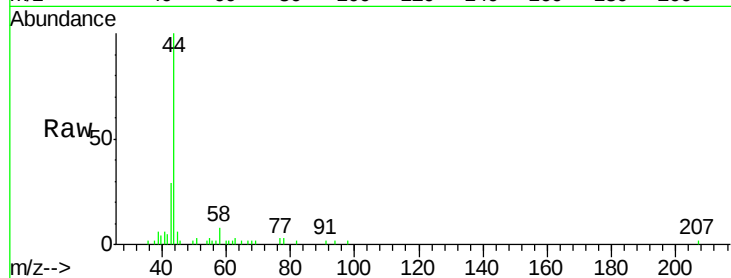
BEXT4DL

Tgt Ion: 43 Resp: 5773

Ion Ratio Lower Upper

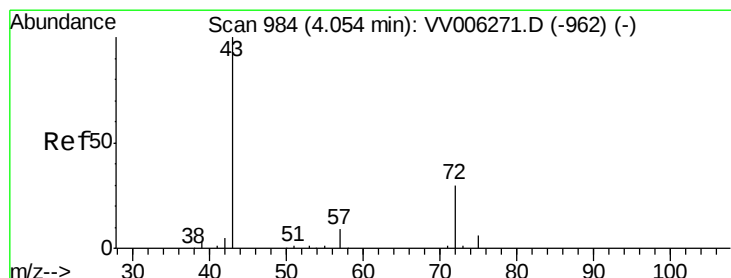
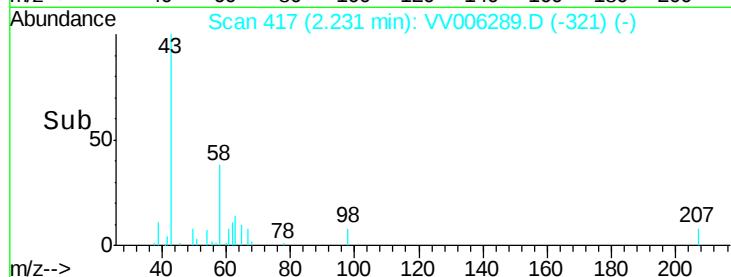
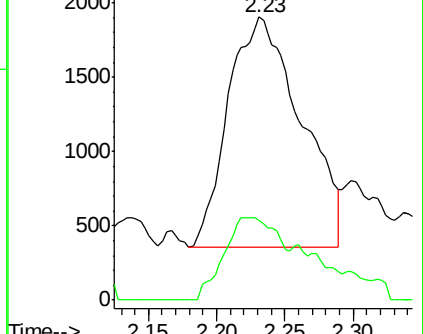
43 100

58 27.4 0.0 67.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#21

2-Butanone

Concen: 0.232 ug/L

RT: 4.05 min Scan# 984

Delta R.T. -0.00 min

Lab File: VV006289.D

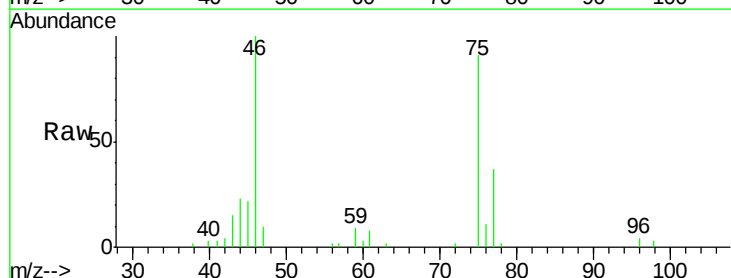
Acq: 15 Jun 2018 18:47

Tgt Ion: 43 Resp: 835

Ion Ratio Lower Upper

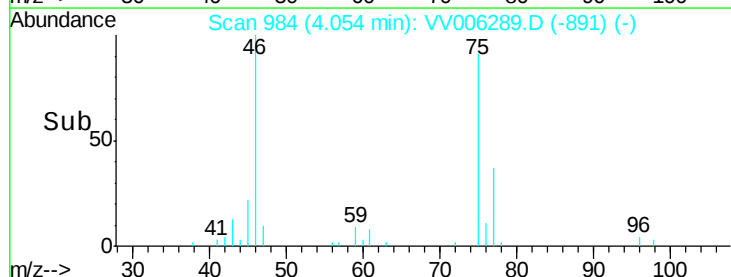
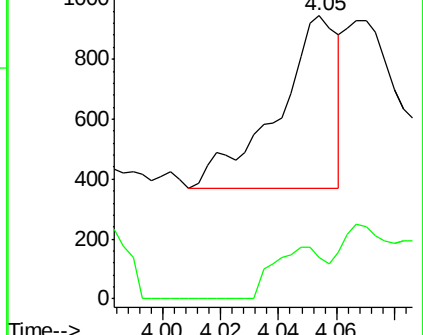
43 100

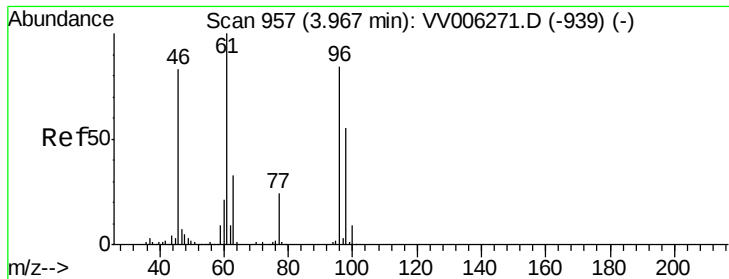
72 25.6 13.8 41.3



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0



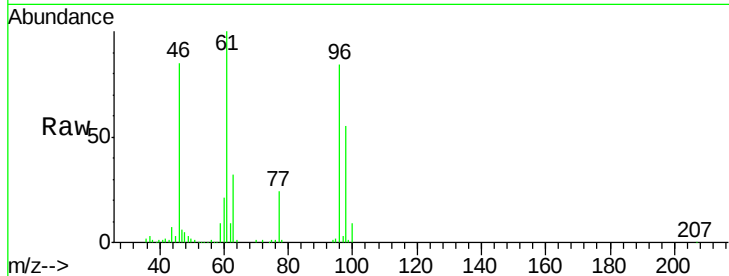


#22

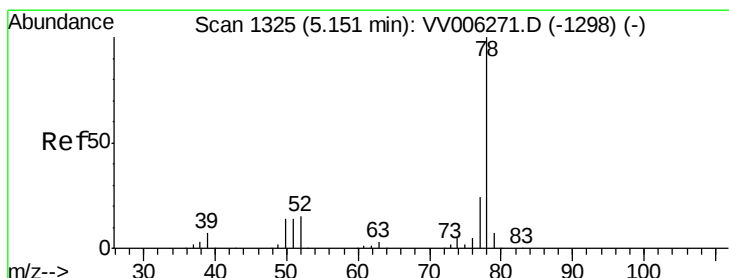
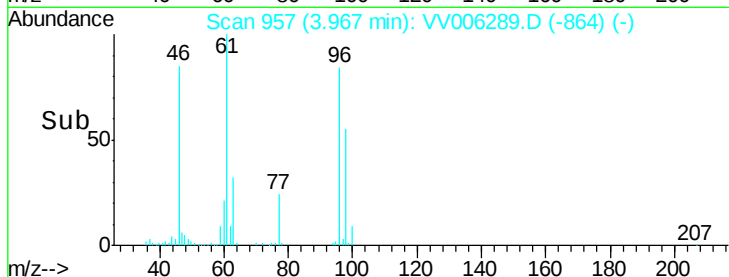
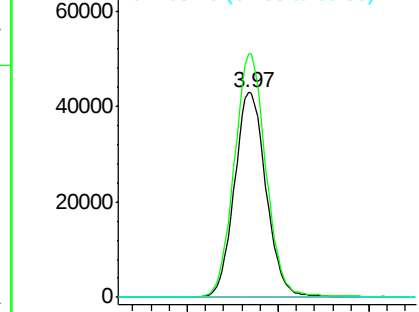
cis-1,2-Dichloroethene
 Concen: 4.859 ug/L
 RT: 3.97 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: VV006289.D
 Acq: 15 Jun 2018 18:47

Instrument :
 MSVOA_V
 ClientSampleId :
 BEXT4DL

Tgt Ion: 96 Resp: 103652
 Ion Ratio Lower Upper
 96 100
 61 118.6 84.1 156.3
 68 0.0 0.3 0.5#



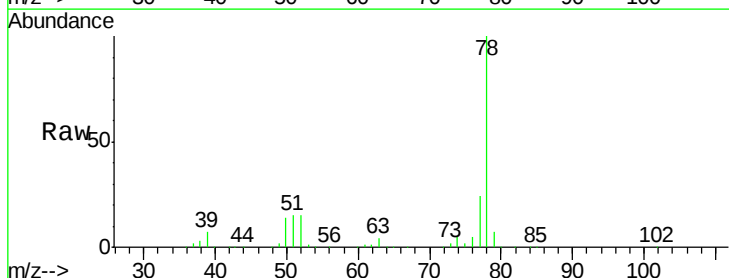
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0



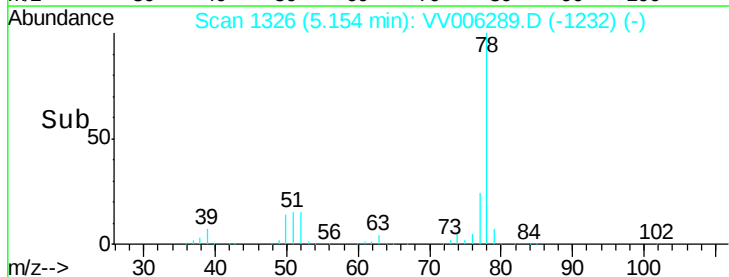
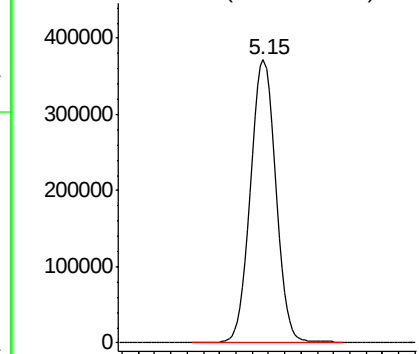
#33

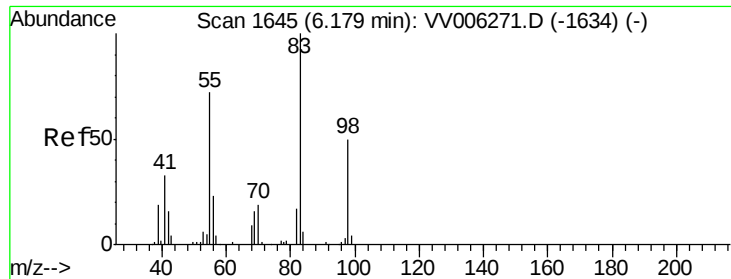
Benzene
 Concen: 10.192 ug/L
 RT: 5.15 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: VV006289.D
 Acq: 15 Jun 2018 18:47

Tgt Ion: 78 Resp: 793586



Abundance Ion 78.10 (77.80 to 78.80): VV0

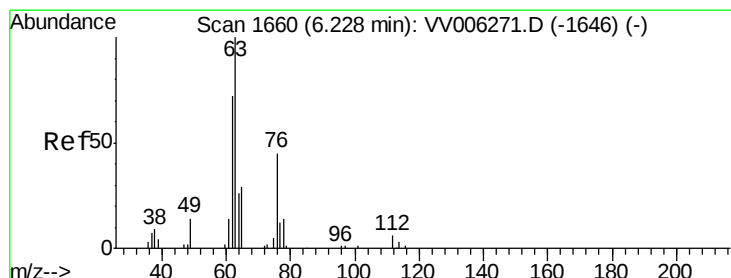
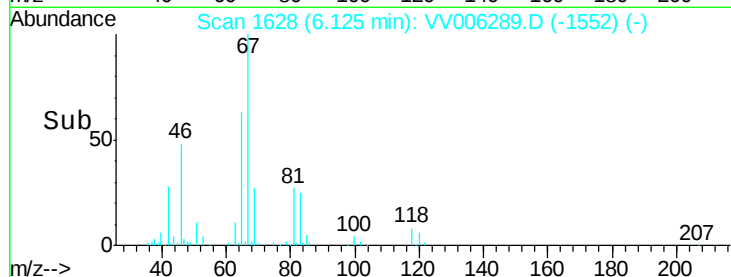
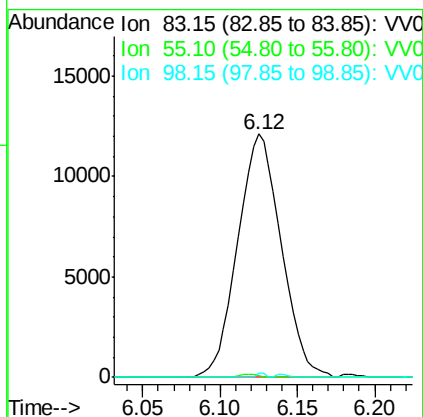
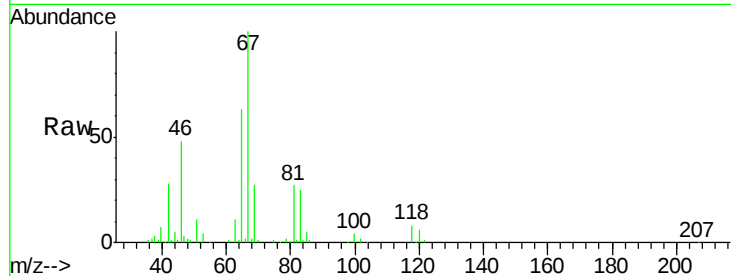




#35
Methylcyclohexane
Concen: 0.648 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV006289.D
Acq: 15 Jun 2018 18:47

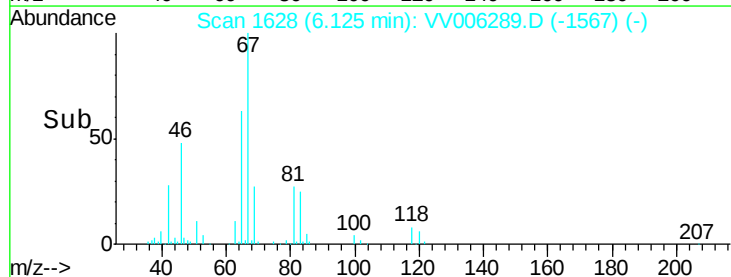
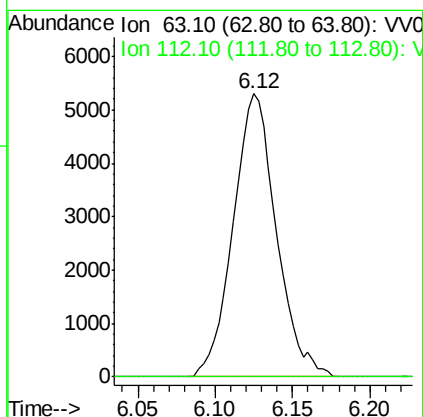
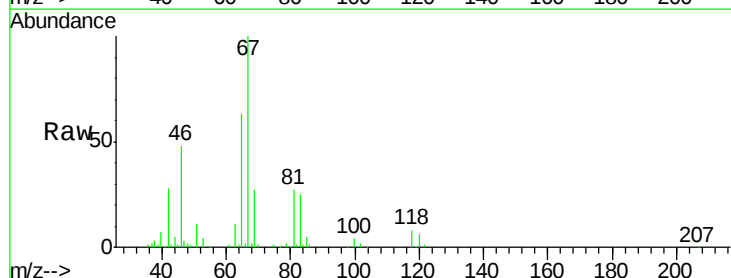
Instrument :
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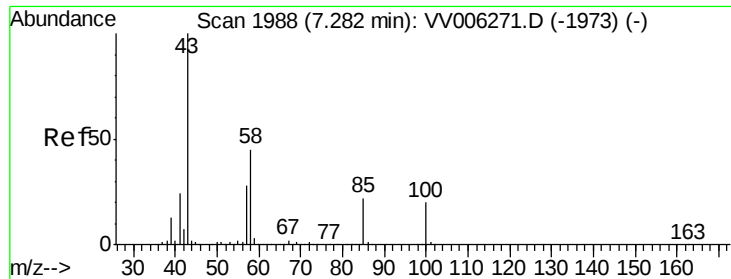
Tgt Ion: 83 Resp: 23660
Ion Ratio Lower Upper
83 100
55 0.5 57.5 86.3#
98 0.3 39.8 59.8#



#37
1,2-Dichloropropane
Concen: 0.550 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VV006289.D
Acq: 15 Jun 2018 18:47

Tgt Ion: 63 Resp: 10263
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#

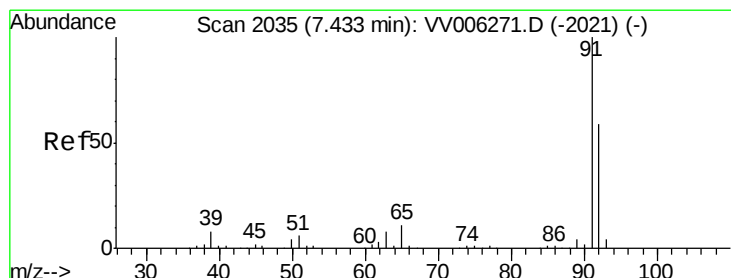
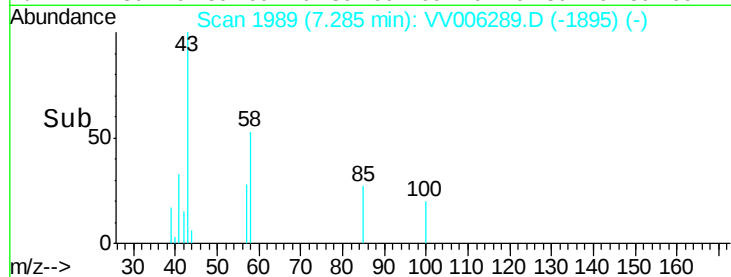
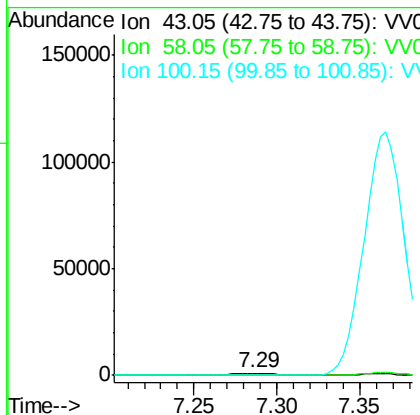
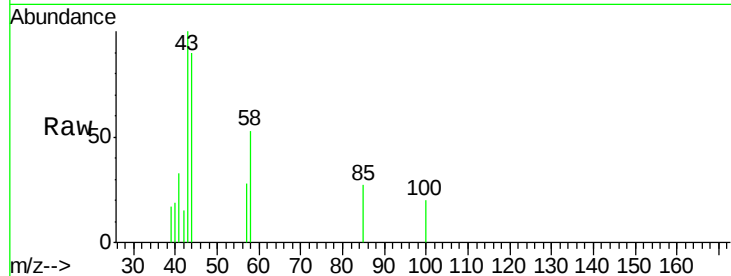




#40
4-Methyl-2-pentanone
Concen: 0.201 ug/L
RT: 7.29 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VV006289.D
Acq: 15 Jun 2018 18:47

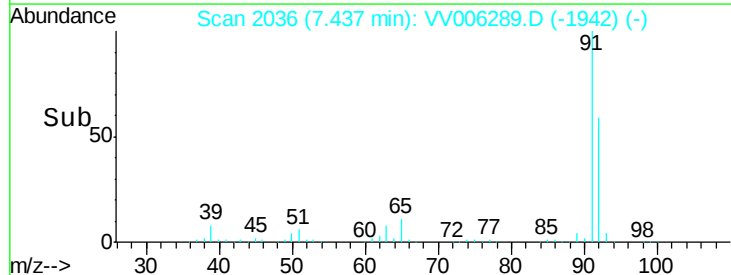
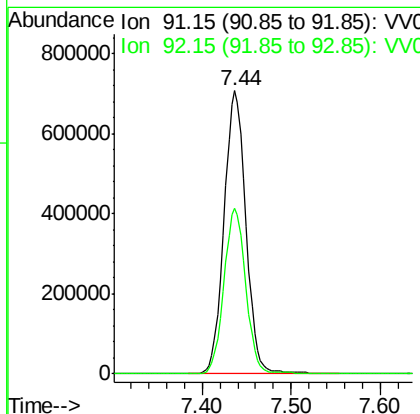
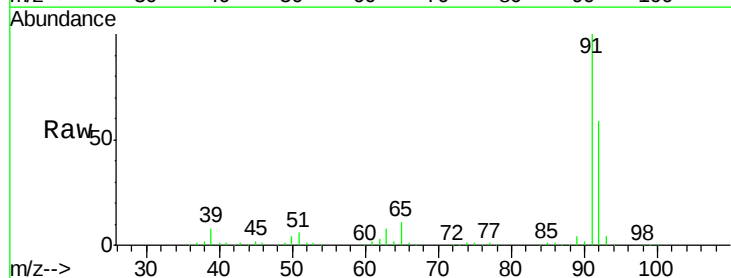
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MSVOA_V
ClientSampled :
BEXT4DL

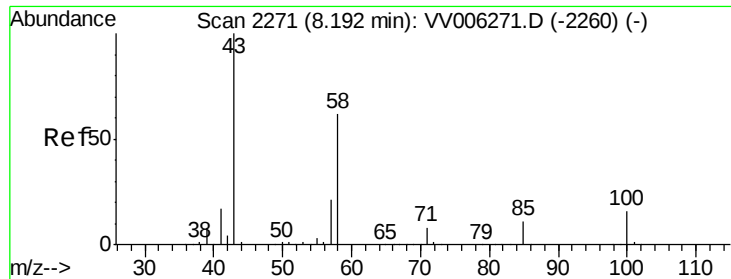
Tgt Ion: 43 Resp: 1944
Ion Ratio Lower Upper
43 100
58 37.0 36.0 54.0
100 0.0 15.4 23.2#



#42
Toluene
Concen: 13.963 ug/L
RT: 7.44 min Scan# 2036
Delta R.T. 0.00 min
Lab File: VV006289.D
Acq: 15 Jun 2018 18:47

Tgt Ion: 91 Resp: 1200087
Ion Ratio Lower Upper
91 100
92 58.7 41.1 76.3

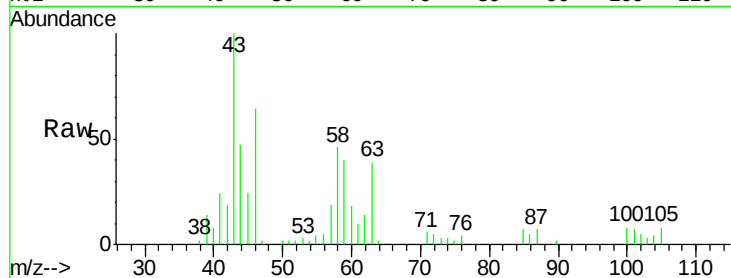




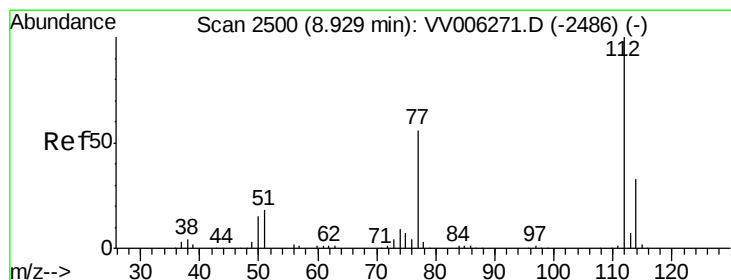
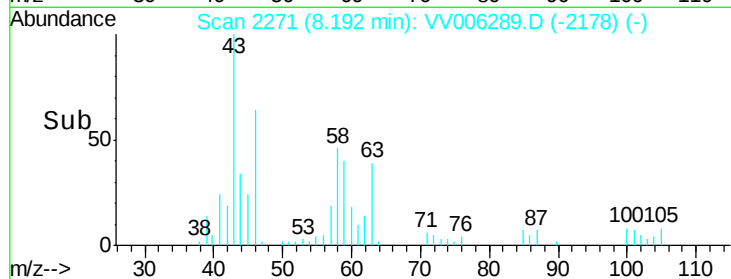
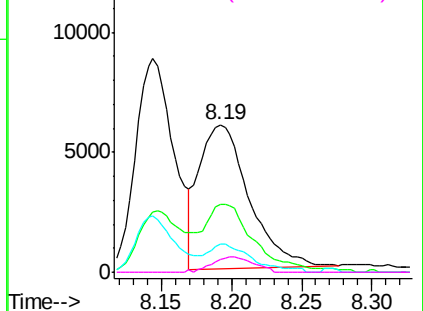
#48
2-Hexanone
Concen: 2.168 ug/L
RT: 8.19 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VV006289.D
Acq: 15 Jun 2018 18:47

Instrument :
MSVOA_V
ClientSampleId :
BEXT4DL

Tgt Ion: 43 Resp: 14703
Ion Ratio Lower Upper
43 100
58 46.2 48.6 72.8#
57 17.8 17.5 26.3
100 8.9 12.6 18.8#

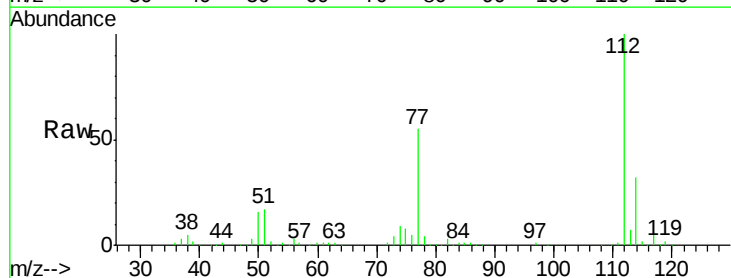


Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0

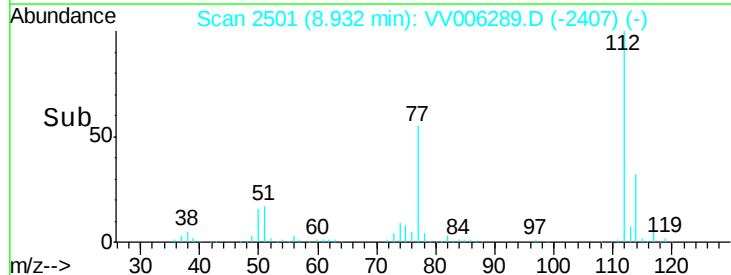
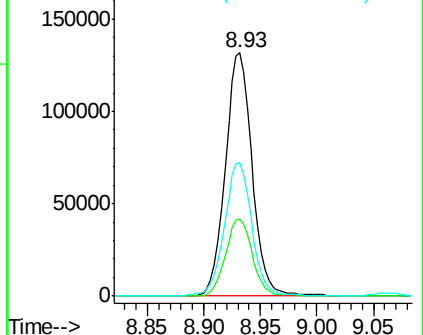


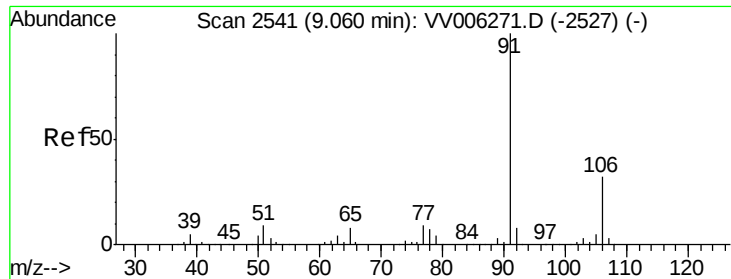
#51
Chlorobenzene
Concen: 3.927 ug/L
RT: 8.93 min Scan# 2501
Delta R.T. 0.00 min
Lab File: VV006289.D
Acq: 15 Jun 2018 18:47

Tgt Ion: 112 Resp: 216709
Ion Ratio Lower Upper
112 100
114 31.6 22.2 41.2
77 54.7 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): VV0





#52

Ethylbenzene

Concen: 0.299 ug/L

RT: 9.06 min Scan# 2541

Delta R.T. -0.00 min

Lab File: VV006289.D

Acq: 15 Jun 2018 18:47

Instrument :

MSVOA_V

ClientSampleId :

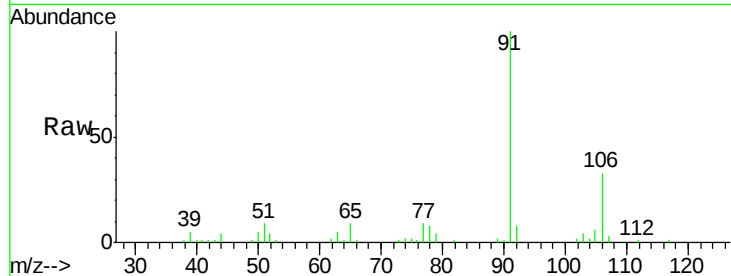
BEXT4DL

Tgt Ion: 91 Resp: 28617

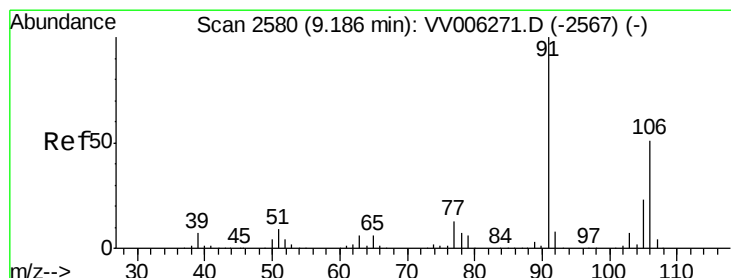
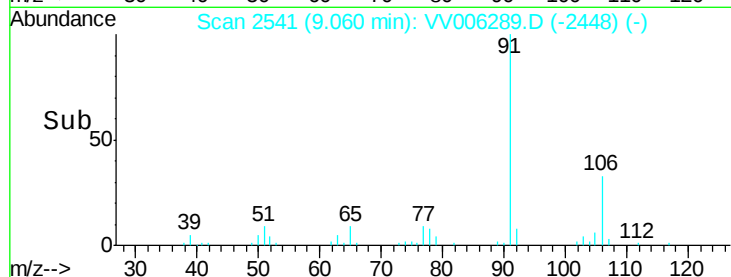
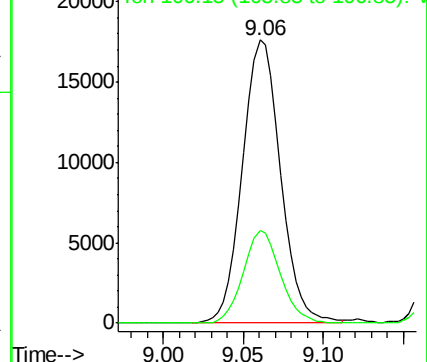
Ion Ratio Lower Upper

91 100

106 32.9 21.9 40.7



Abundance Ion 91.15 (90.85 to 91.85): VV006289.D (-2448) (-)



#53

m,p-xylene

Concen: 1.058 ug/L

RT: 9.19 min Scan# 2580

Delta R.T. -0.00 min

Lab File: VV006289.D

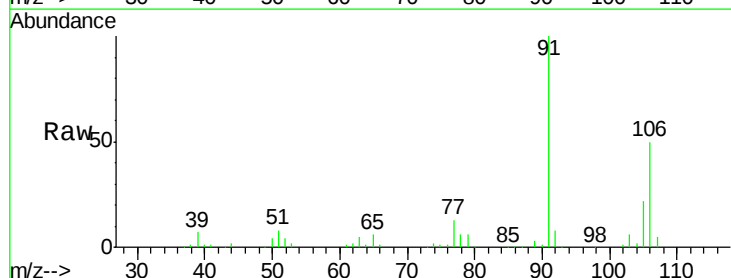
Acq: 15 Jun 2018 18:47

Tgt Ion: 106 Resp: 39528

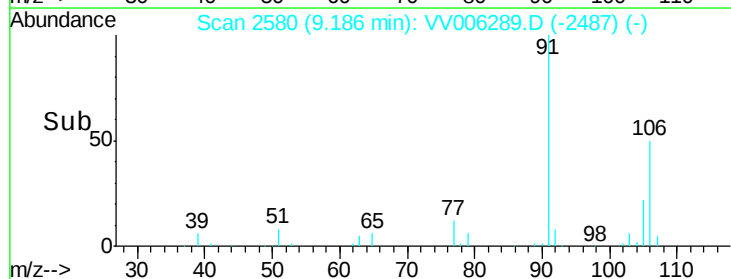
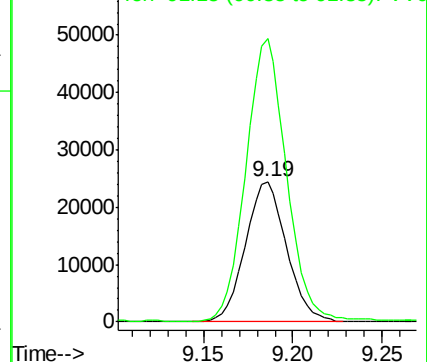
Ion Ratio Lower Upper

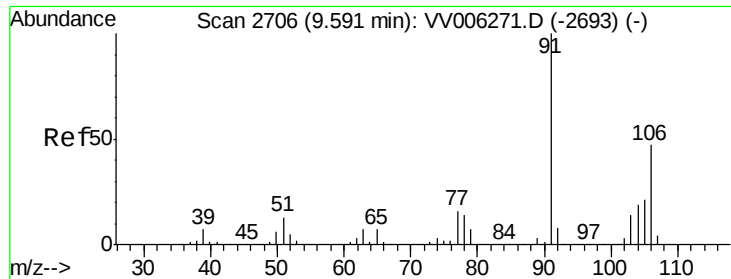
106 100

91 201.9 139.7 259.4



Abundance Ion 106.15 (105.85 to 106.85): VV006289.D (-2487) (-)





#54
 o-xylene
 Concen: 0.307 ug/L
 RT: 9.59 min Scan# 2707
 Delta R.T. 0.00 min
 Lab File: VV006289.D
 Acq: 15 Jun 2018 18:47

Instrument :
 MSVOA_V
 ClientSampleId :
 BEXT4DL

Tgt Ion:106 Resp: 11225
 Ion Ratio Lower Upper
 106 100
 91 212.2 147.9 274.7

