

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062218\
 Data File : VV006410.D
 Acq On : 22 Jun 2018 13:19
 Operator : SY/MD
 Sample : J3615-05 1000X
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BEXW1

Quant Time: Jun 22 23:56:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 22 23:56:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	261206	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	230898	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	100161	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	69449	4.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.40%
7) Chloroethane-d5	1.58	69	67084	5.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	117.40%
11) 1,1-Dichloroethene-d2	2.13	63	90779	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	3.97	46	222221	73.36	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	146.72%#
24) Chloroform-d	4.41	84	147474	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
26) 1,2-Dichloroethane-d4	5.09	65	78793	5.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.00%
32) Benzene-d6	5.11	84	297552	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.20%
36) 1,2-Dichloropropane-d6	6.12	67	97284	5.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	116.60%
41) Toluene-d8	7.37	98	243154	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
43) trans-1,3-Dichloropropene-	7.67	79	27103	3.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.60%
46) 2-Hexanone-d5	8.14	63	177107	54.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.90%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	63177	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	93032	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%

Target Compounds

					Qvalue
5) Vinyl chloride	1.32	62	38241	1.898 ug/L	98
8) Chloroethane	1.32	64	12252	1.088 ug/L #	62
13) Acetone	2.22	43	2481	1.511 ug/L	98
16) Methylene chloride	2.54	84	5919	0.358 ug/L	97
21) 2-Butanone	4.06	43	6018	2.015 ug/L #	69
22) cis-1,2-Dichloroethene	3.97	96	140840	7.959 ug/L #	98
27) 1,2-Dichloroethane	5.19	62	6186	0.379 ug/L #	92
33) Benzene	5.15	78	139002	2.184 ug/L	100
37) 1,2-Dichloropropane	6.12	63	10118	0.663 ug/L #	85
40) 4-Methyl-2-pentanone	7.44	43	60684	7.693 ug/L #	1
42) Toluene	7.44	91	9012158	128.253 ug/L	94
44) trans-1,3-Dichloropropene	7.44	75	59195	2.936 ug/L #	1
48) 2-Hexanone	8.19	43	17452	3.148 ug/L #	84
51) Chlorobenzene	8.93	112	30047	0.666 ug/L	98
52) Ethylbenzene	9.06	91	132114	1.688 ug/L	99
53) m,p-xylene	9.19	106	240392	7.871 ug/L	99
54) o-xylene	9.59	106	82921	2.776 ug/L	98

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 22 23:56:13 2018
Response via : Initial Calibration

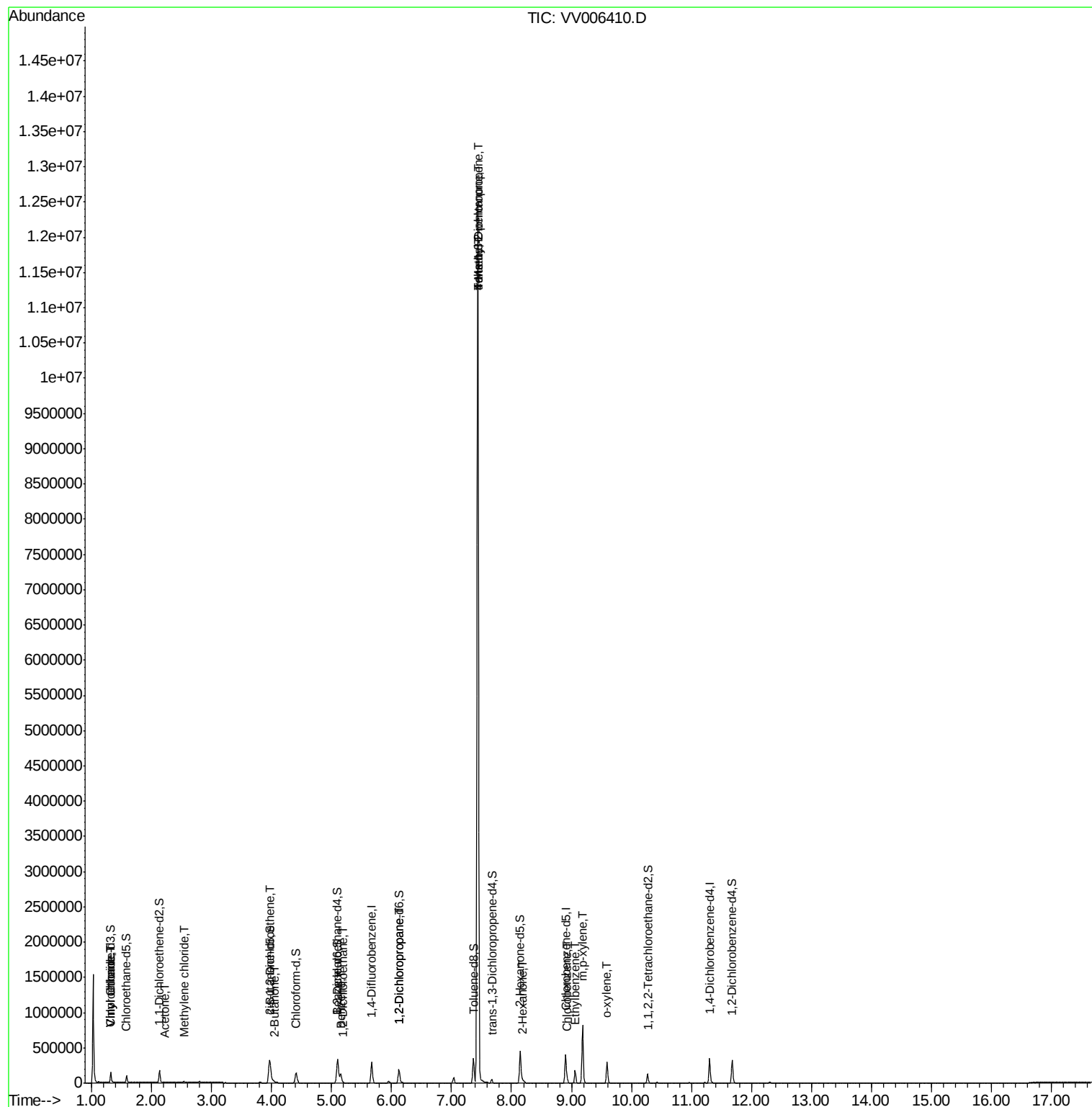
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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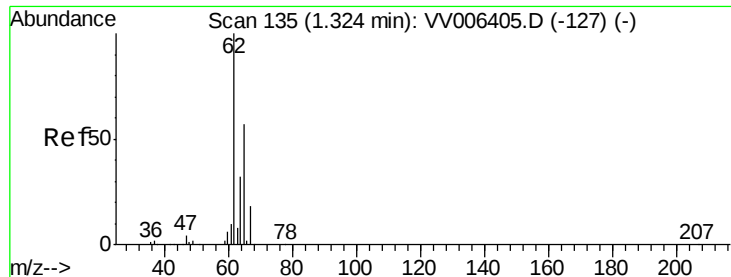
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV062218\
Data File : VV006410.D
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#5

Vinyl chloride

Concen: 1.898 ug/L

RT: 1.32 min Scan# 135

Delta R.T. 0.00 min

Lab File: VV006410.D

Acq: 22 Jun 2018 13:19

Instrument :

MSVOA_V

ClientSampleId :

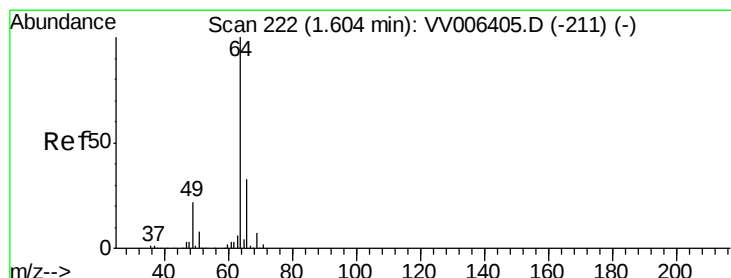
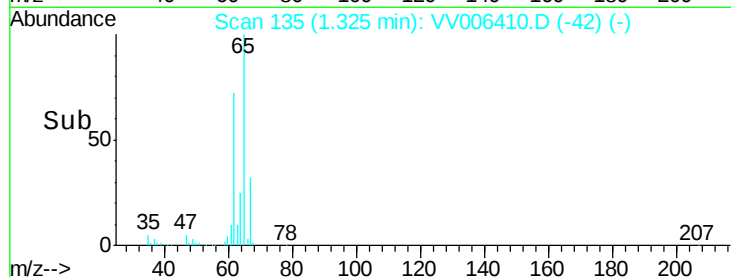
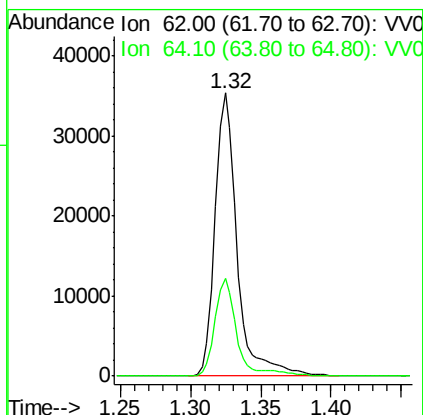
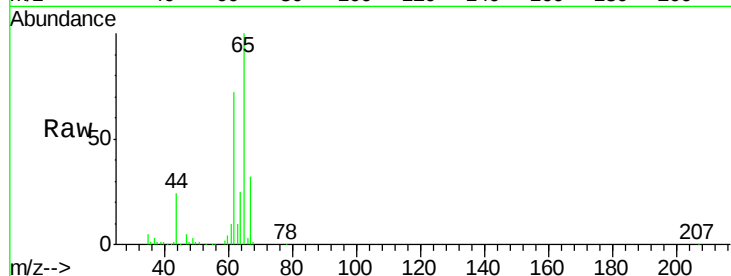
BEXW1

Tgt Ion: 62 Resp: 38241

Ion Ratio Lower Upper

62 100

64 34.3 23.1 42.9



#8

Chloroethane

Concen: 1.088 ug/L

RT: 1.32 min Scan# 135

Delta R.T. -0.28 min

Lab File: VV006410.D

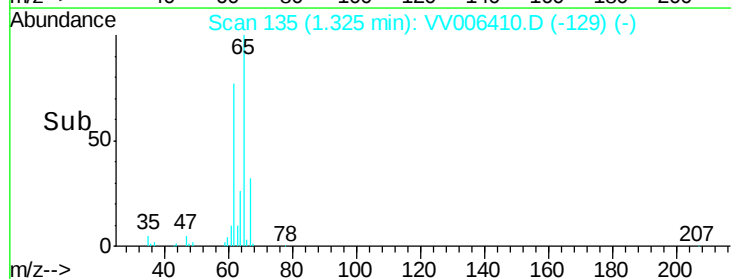
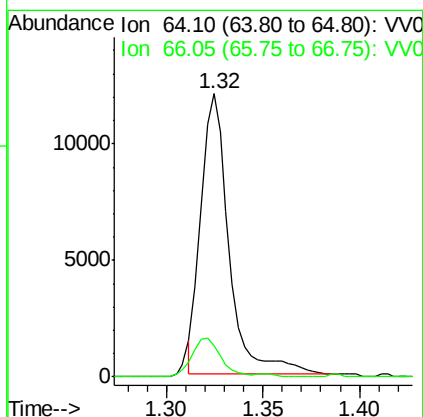
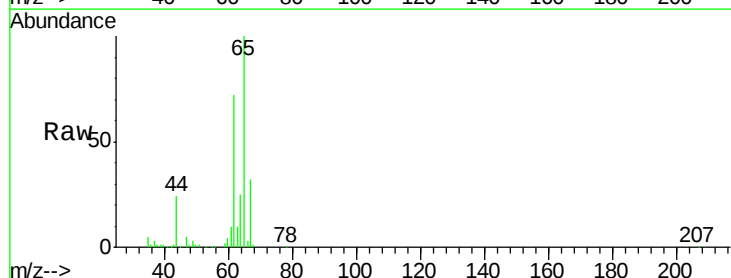
Acq: 22 Jun 2018 13:19

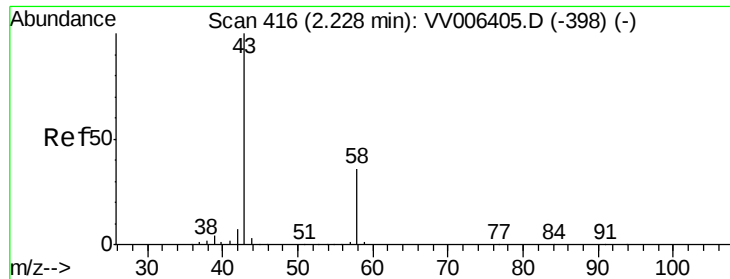
Tgt Ion: 64 Resp: 12252

Ion Ratio Lower Upper

64 100

66 11.1 22.5 41.7#





#13

Acetone

Concen: 1.511 ug/L

RT: 2.22 min Scan# 414

Delta R.T. -0.01 min

Lab File: VV006410.D

Acq: 22 Jun 2018 13:19

Instrument :

MSVOA_V

ClientSampled :

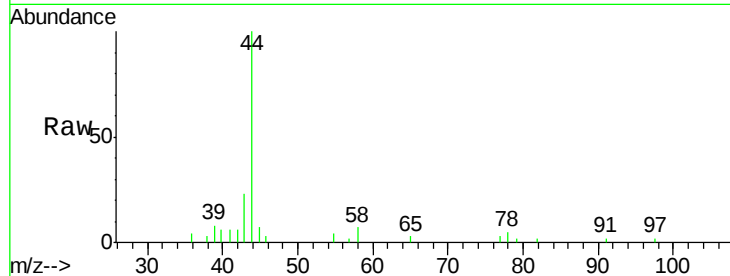
BEXW1

Tgt Ion: 43 Resp: 2481

Ion Ratio Lower Upper

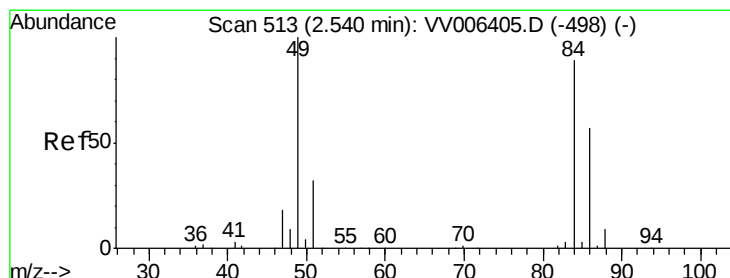
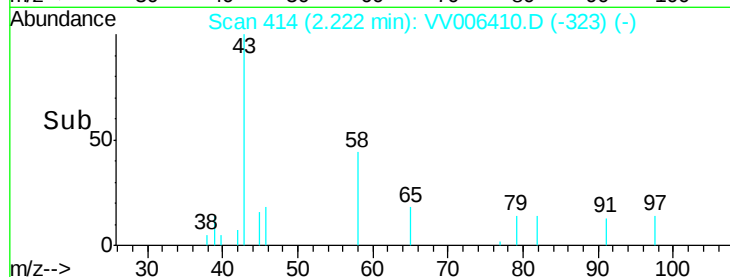
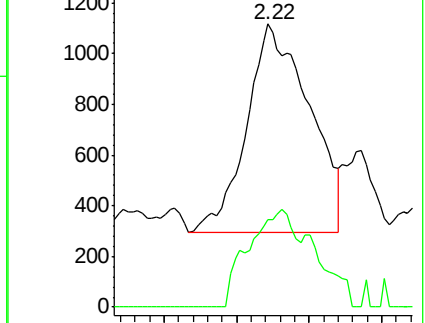
43 100

58 35.1 0.0 67.4



Abundance Ion 43.05 (42.75 to 43.75): VV006410.D (-323) (-)

Ion 58.05 (57.75 to 58.75): VV006410.D (-323) (-)



#16

Methylene chloride

Concen: 0.358 ug/L

RT: 2.54 min Scan# 514

Delta R.T. 0.00 min

Lab File: VV006410.D

Acq: 22 Jun 2018 13:19

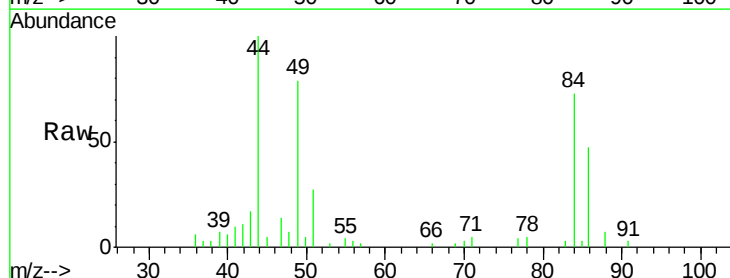
Tgt Ion: 84 Resp: 5919

Ion Ratio Lower Upper

84 100

86 64.2 44.2 82.0

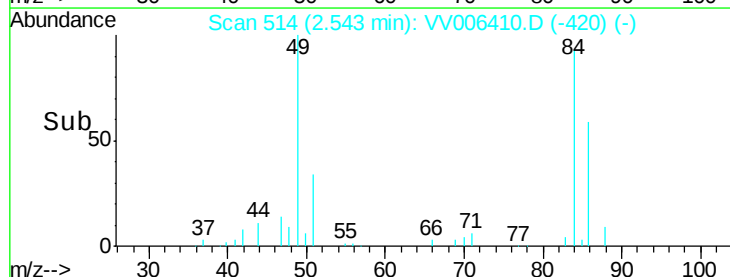
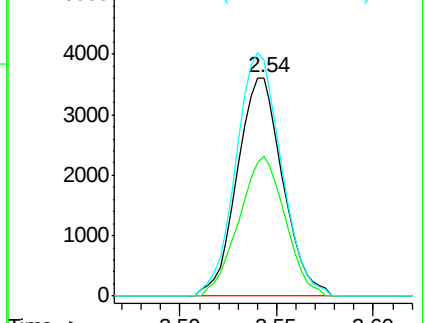
49 108.0 78.8 146.4

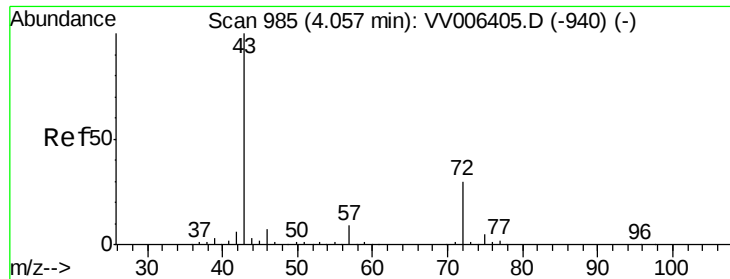


Abundance Ion 84.05 (83.75 to 84.75): VV006410.D (-420) (-)

Ion 86.00 (85.70 to 86.70): VV006410.D (-420) (-)

Ion 49.10 (48.80 to 49.80): VV006410.D (-420) (-)





#21

2-Butanone

Concen: 2.015 ug/L

RT: 4.06 min Scan# 986

Delta R.T. 0.00 min

Lab File: VV006410.D

Acq: 22 Jun 2018 13:19

Instrument :

MSVOA_V

ClientSampleId :

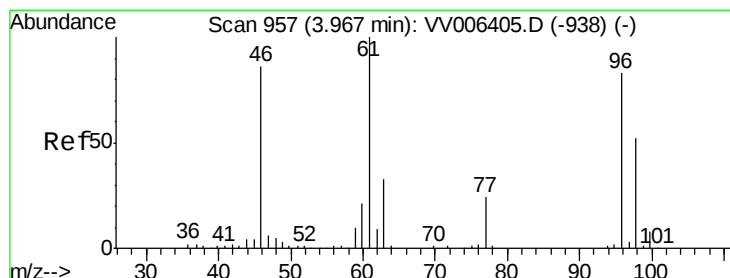
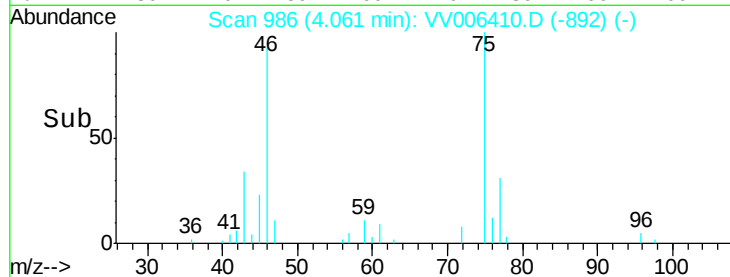
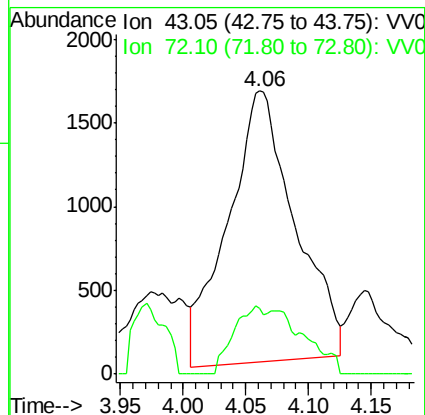
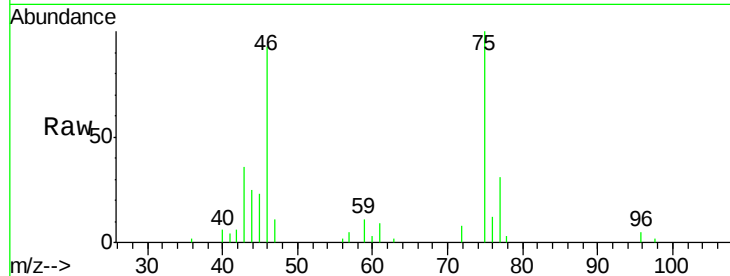
BEXW1

Tgt Ion: 43 Resp: 6018

Ion Ratio Lower Upper

43 100

72 11.1 13.8 41.3#



#22

cis-1,2-Dichloroethene

Concen: 7.959 ug/L

RT: 3.97 min Scan# 958

Delta R.T. 0.00 min

Lab File: VV006410.D

Acq: 22 Jun 2018 13:19

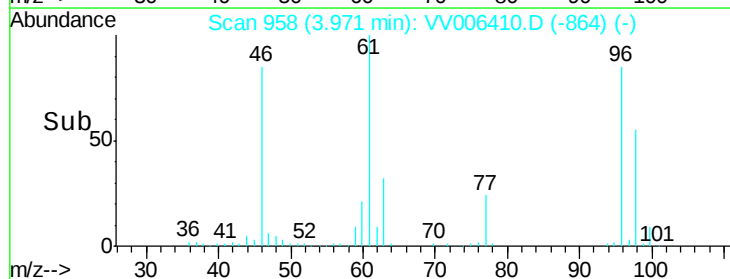
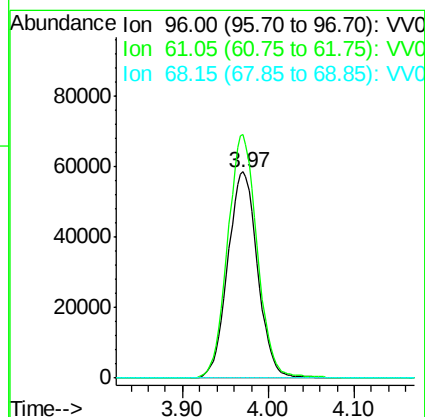
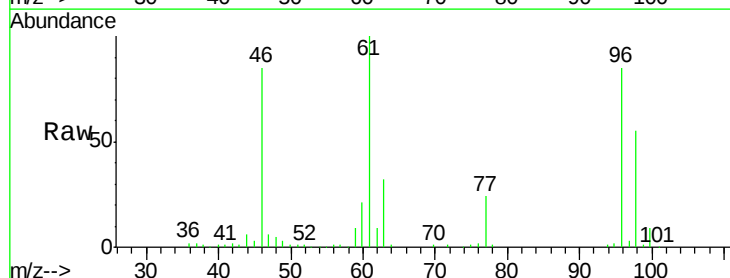
Tgt Ion: 96 Resp: 140840

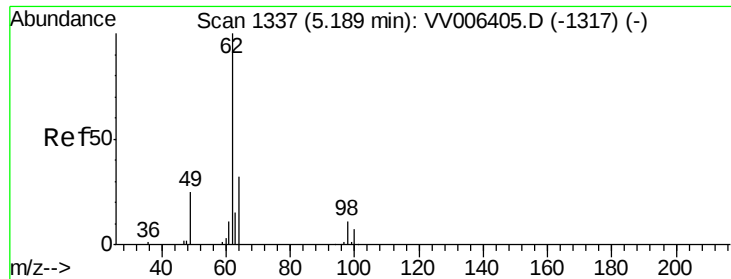
Ion Ratio Lower Upper

96 100

61 118.0 84.1 156.3

68 0.0 0.3 0.5#

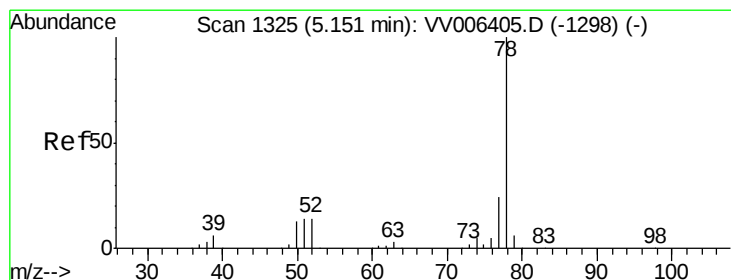
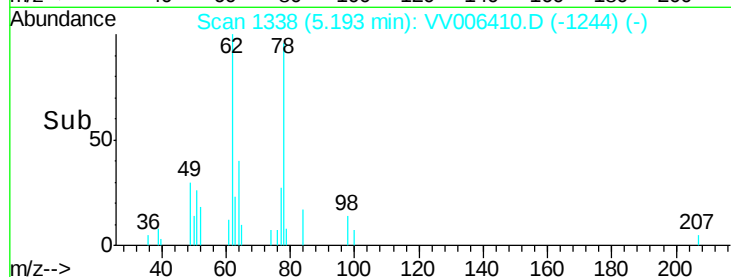
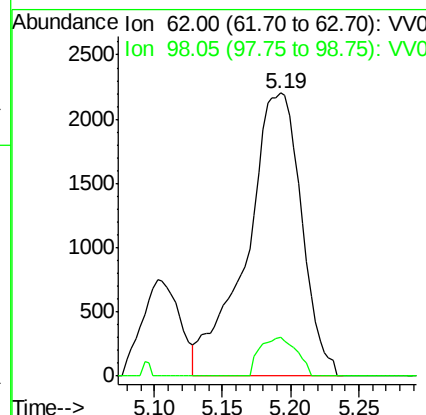
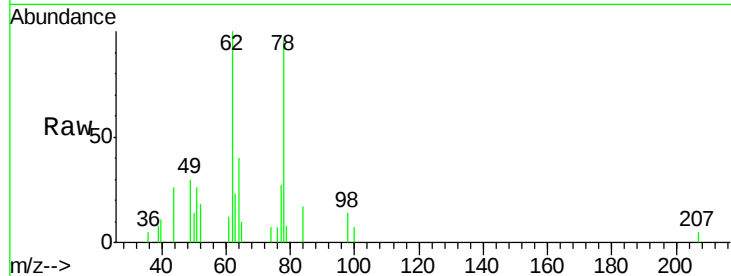




#27
 1,2-Dichloroethane
 Concen: 0.379 ug/L
 RT: 5.19 min Scan# 1338
 Delta R.T. 0.00 min
 Lab File: VV006410.D
 Acq: 22 Jun 2018 13:19

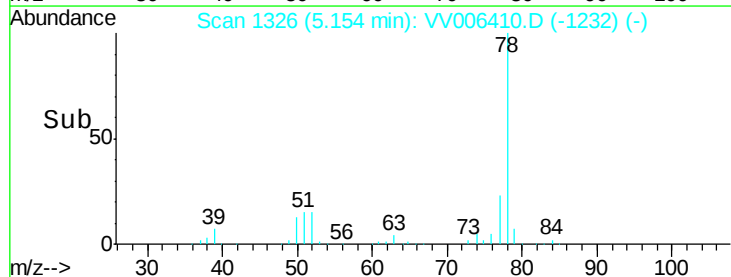
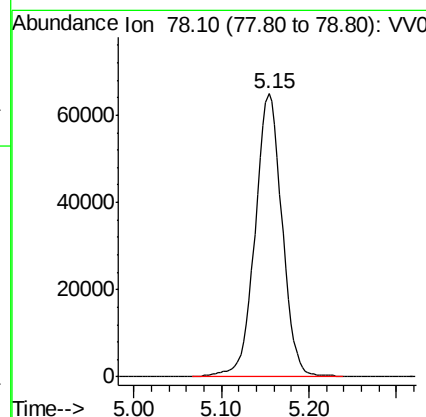
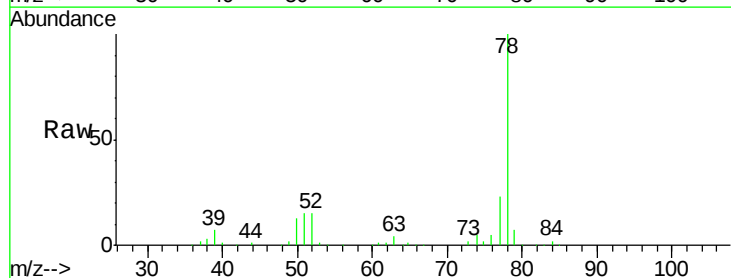
Instrument :
 MSVOA_V
 ClientSampleId :
 BEXW1

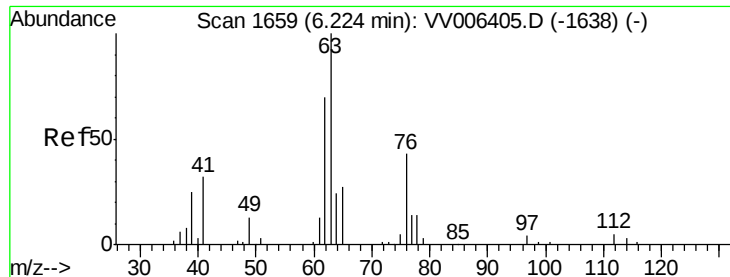
Tgt Ion: 62 Resp: 6186
 Ion Ratio Lower Upper
 62 100
 98 13.6 8.6 12.8#



#33
 Benzene
 Concen: 2.184 ug/L
 RT: 5.15 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: VV006410.D
 Acq: 22 Jun 2018 13:19

Tgt Ion: 78 Resp: 139002

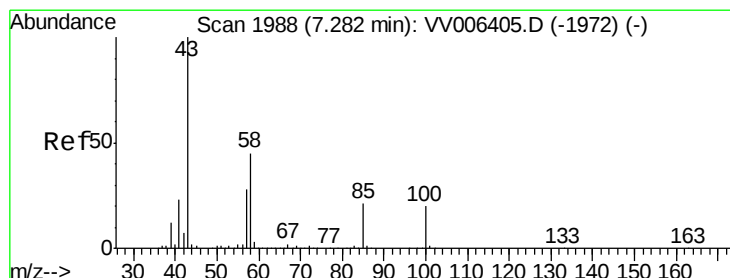
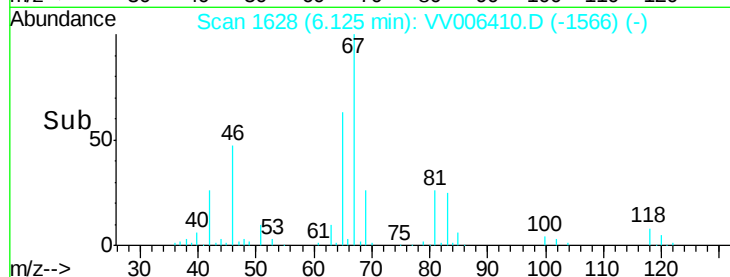
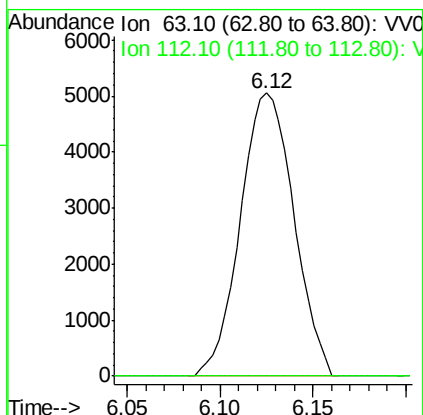
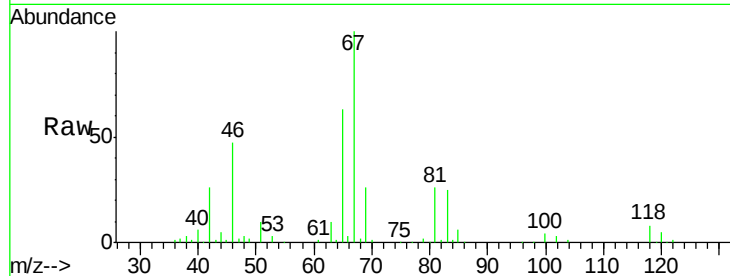




#37
 1,2-Dichloropropane
 Concen: 0.663 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VV006410.D
 Acq: 22 Jun 2018 13:19

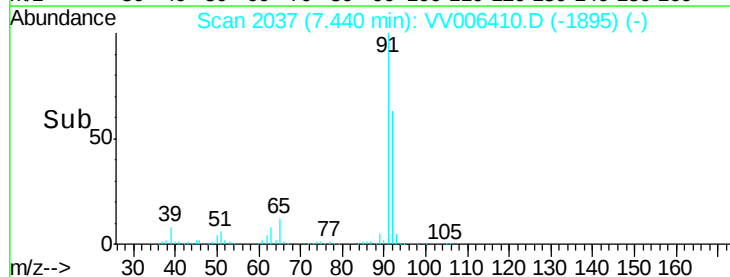
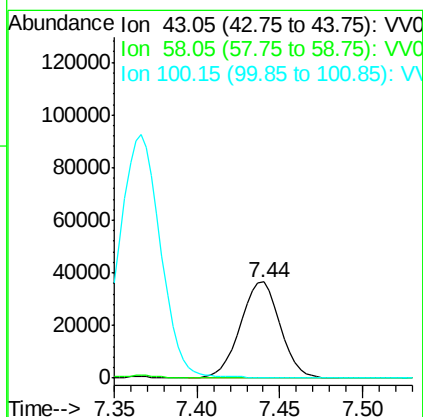
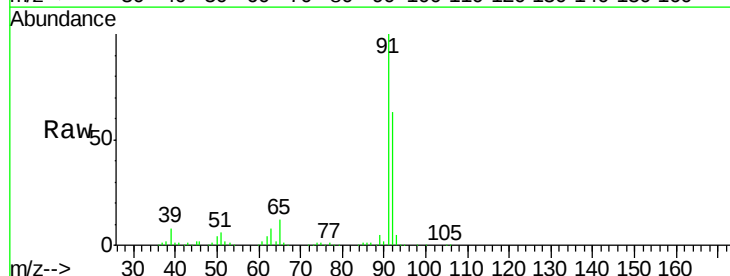
Instrument :
 MSVOA_V
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 BEXW1

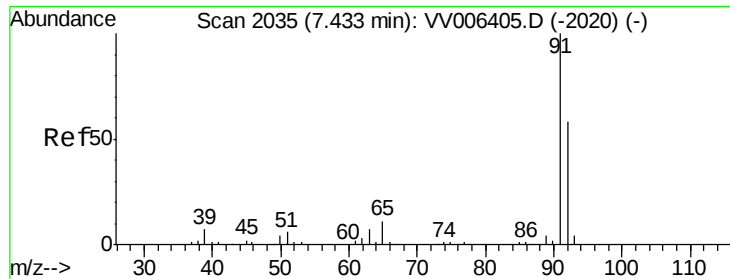
Tgt Ion: 63 Resp: 10118
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.1 6.1#



#40
 4-Methyl-2-pentanone
 Concen: 7.693 ug/L
 RT: 7.44 min Scan# 2037
 Delta R.T. 0.16 min
 Lab File: VV006410.D
 Acq: 22 Jun 2018 13:19

Tgt Ion: 43 Resp: 60684
 Ion Ratio Lower Upper
 43 100
 58 2.9 36.0 54.0#
 100 264.6 15.4 23.2#





#42

Toluene

Concen: 128.253 ug/L

RT: 7.44 min Scan# 2037

Delta R.T. 0.01 min

Lab File: VV006410.D

Acq: 22 Jun 2018 13:19

Instrument :

MSVOA_V

ClientSampled :

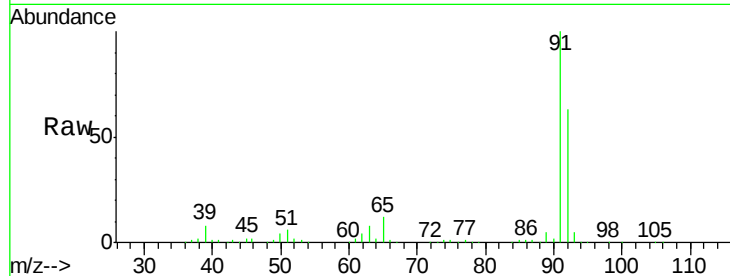
BEXW1

Tgt Ion: 91 Resp: 9012158

Ion Ratio Lower Upper

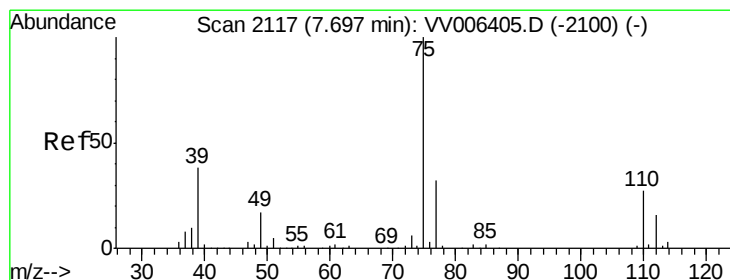
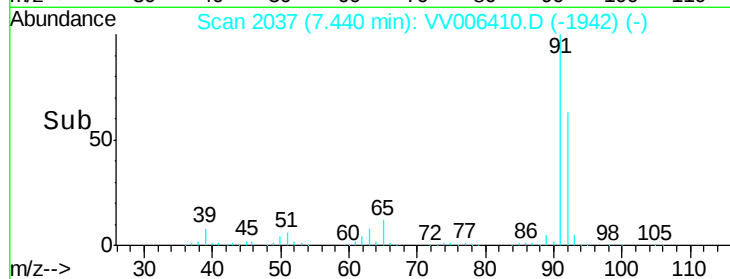
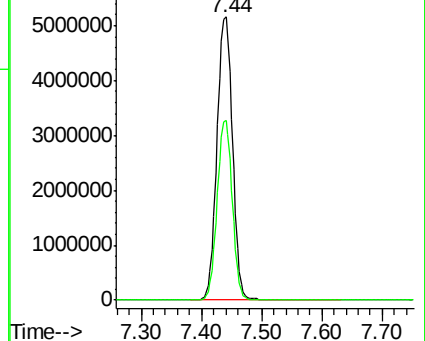
91 100

92 63.4 41.1 76.3



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



#44

trans-1,3-Dichloropropene

Concen: 2.936 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. -0.26 min

Lab File: VV006410.D

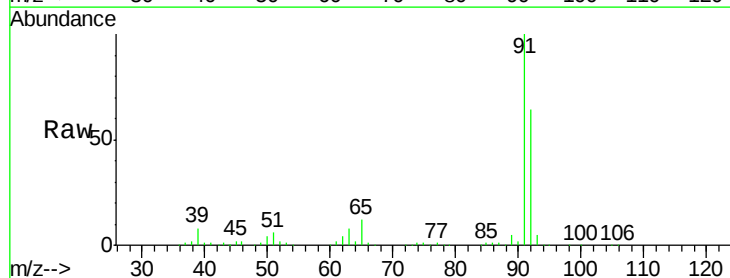
Acq: 22 Jun 2018 13:19

Tgt Ion: 75 Resp: 59195

Ion Ratio Lower Upper

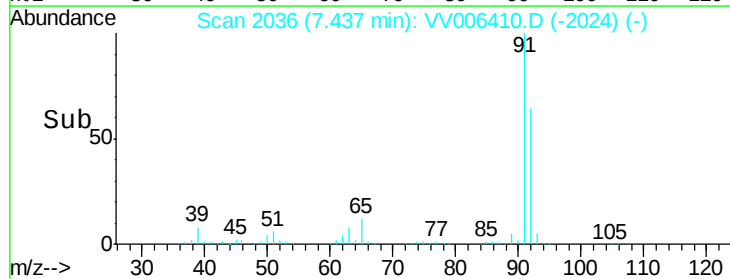
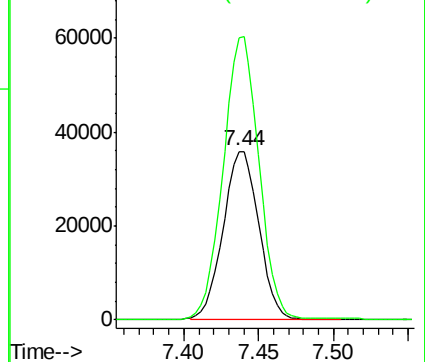
75 100

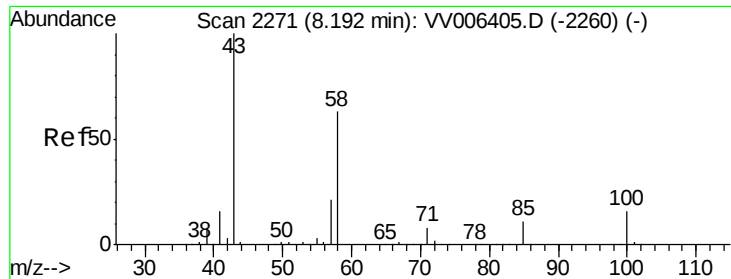
77 167.6 23.0 42.6#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

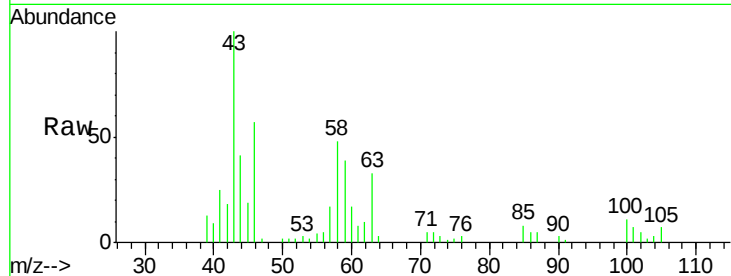




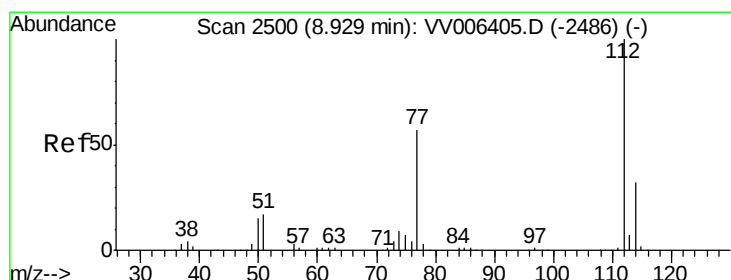
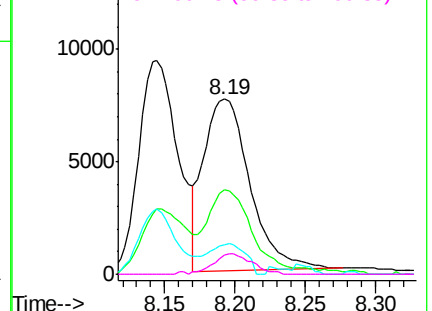
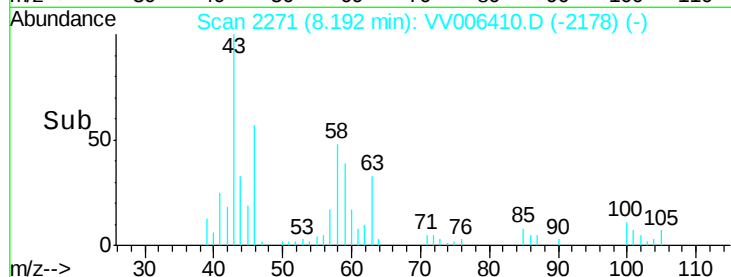
#48
2-Hexanone
Concen: 3.148 ug/L
RT: 8.19 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VV006410.D
Acq: 22 Jun 2018 13:19

Instrument :
MSVOA_V
ClientSampleId :
BEXW1

Tgt Ion: 43 Resp: 17452
Ion Ratio Lower Upper
43 100
58 49.0 48.6 72.8
57 13.2 17.5 26.3#
100 9.9 12.6 18.8#

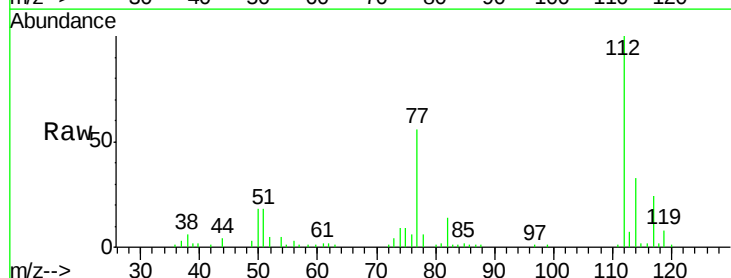


Abundance Ion 43.05 (42.75 to 43.75): VV006410.D (-2178) (-)
Ion 58.05 (57.75 to 58.75): VV006410.D (-2178) (-)
Ion 57.20 (56.90 to 57.90): VV006410.D (-2178) (-)
Ion 100.15 (99.85 to 100.85): VV006410.D (-2178) (-)

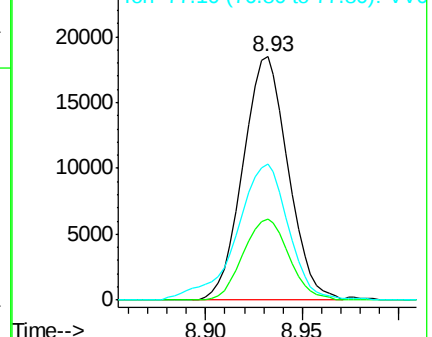
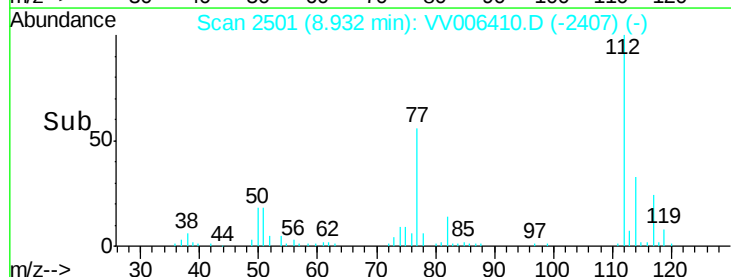


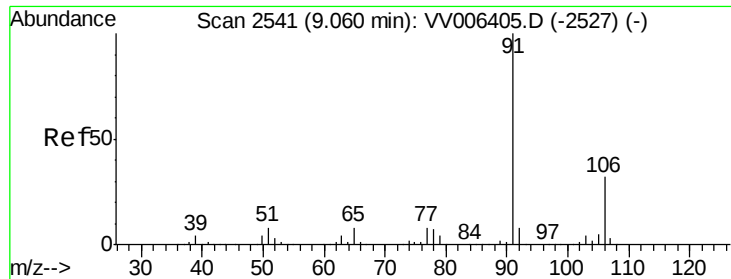
#51
Chlorobenzene
Concen: 0.666 ug/L
RT: 8.93 min Scan# 2501
Delta R.T. 0.00 min
Lab File: VV006410.D
Acq: 22 Jun 2018 13:19

Tgt Ion: 112 Resp: 30047
Ion Ratio Lower Upper
112 100
114 33.3 22.2 41.2
77 55.7 45.2 67.8



Abundance Ion 112.10 (111.80 to 112.80): VV006410.D (-2407) (-)
Ion 114.05 (113.75 to 114.75): VV006410.D (-2407) (-)
Ion 77.10 (76.80 to 77.80): VV006410.D (-2407) (-)





#52

Ethylbenzene

Concen: 1.688 ug/L

RT: 9.06 min Scan# 2541

Delta R.T. 0.00 min

Lab File: VV006410.D

Acq: 22 Jun 2018 13:19

Instrument :

MSVOA_V

ClientSampleId :

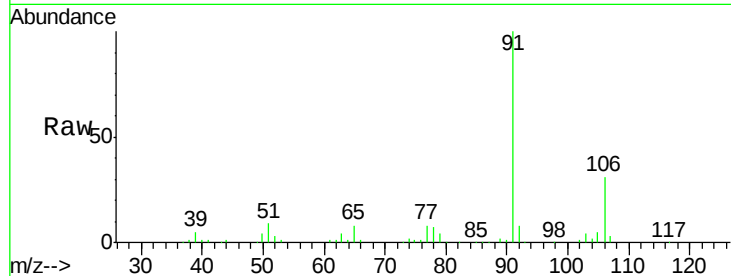
BEXW1

Tgt Ion: 91 Resp: 132114

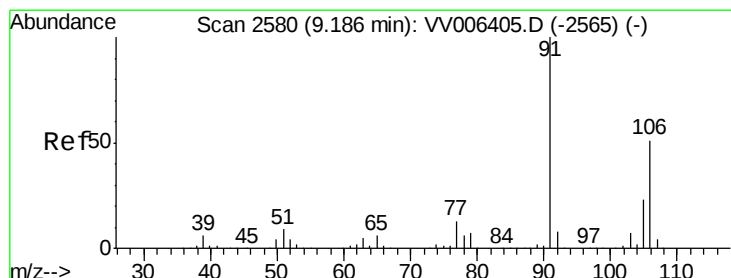
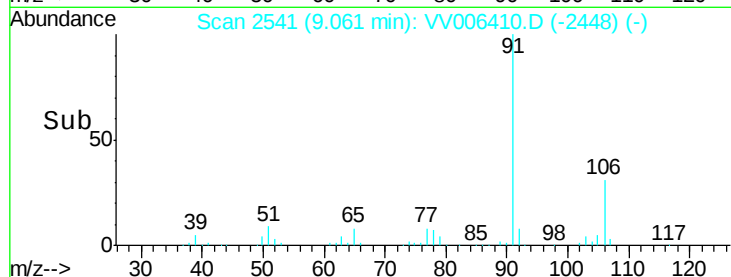
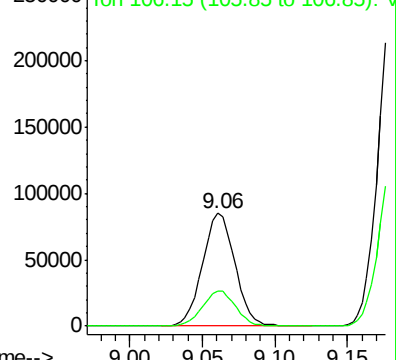
Ion Ratio Lower Upper

91 100

106 31.0 21.9 40.7



Abundance Ion 91.15 (90.85 to 91.85): VV006410.D (-2448) (-)



#53

m,p-xylene

Concen: 7.871 ug/L

RT: 9.19 min Scan# 2580

Delta R.T. 0.00 min

Lab File: VV006410.D

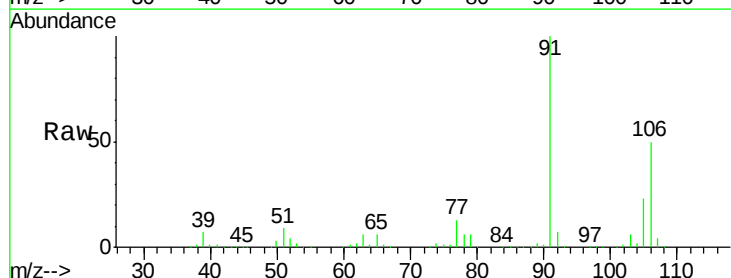
Acq: 22 Jun 2018 13:19

Tgt Ion: 106 Resp: 240392

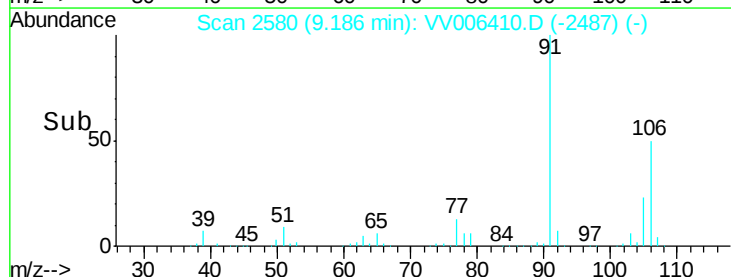
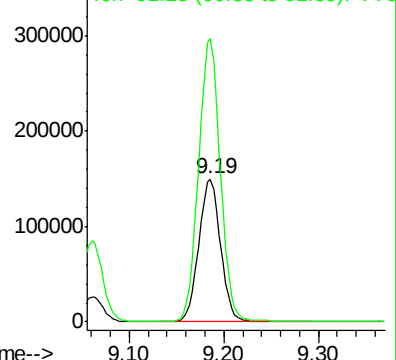
Ion Ratio Lower Upper

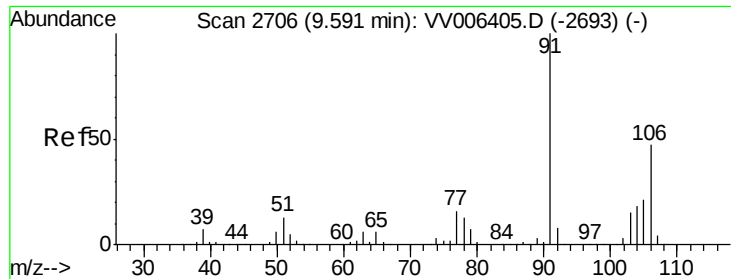
106 100

91 198.5 139.7 259.4



Abundance Ion 106.15 (105.85 to 106.85): VV006410.D (-2487) (-)





#54
 o-xylene
 Concen: 2.776 ug/L
 RT: 9.59 min Scan# 2707
 Delta R.T. 0.00 min
 Lab File: VV006410.D
 Acq: 22 Jun 2018 13:19

Instrument :
 MSVOA_V
 ClientSampleId :
 BEXW1

Tgt Ion:106 Resp: 82921
 Ion Ratio Lower Upper
 106 100
 91 207.8 147.9 274.7

