

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062118\
 Data File : VV006401.D
 Acq On : 21 Jun 2018 19:16
 Operator : SY/MD
 Sample : J3615-01 1000X
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BEXT7

Quant Time: Jun 22 01:27:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 22 01:25:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	297427	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	274401	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	127227	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	77848	4.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.80%
7) Chloroethane-d5	1.58	69	71849	5.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.40%
11) 1,1-Dichloroethene-d2	2.13	63	108166	3.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.60%
20) 2-Butanone-d5	3.97	46	251425	72.89	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	145.78%#
24) Chloroform-d	4.41	84	157549	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	5.09	65	85220	5.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.20%
32) Benzene-d6	5.11	84	332069	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
36) 1,2-Dichloropropane-d6	6.12	67	105197	5.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.20%
41) Toluene-d8	7.37	98	290432	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	7.67	79	30627	3.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.00%
46) 2-Hexanone-d5	8.14	63	205867	53.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.50%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	71975	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	115510	5.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.80%

Target Compounds

					Qvalue
5) Vinyl chloride	1.32	62	42677	1.860 ug/L	96
8) Chloroethane	1.32	64	15069	1.175 ug/L #	61
13) Acetone	2.22	43	3059	1.637 ug/L	90
16) Methylene chloride	2.54	84	5094	0.270 ug/L	94
21) 2-Butanone	4.05	43	1637	0.481 ug/L #	65
22) cis-1,2-Dichloroethene	3.97	96	149076	7.398 ug/L #	99
27) 1,2-Dichloroethane	5.19	62	6473	0.349 ug/L #	93
33) Benzene	5.15	78	157603	2.083 ug/L	100
37) 1,2-Dichloropropane	6.12	63	11015	0.608 ug/L #	85
40) 4-Methyl-2-pentanone	7.44	43	73834	7.876 ug/L #	1
42) Toluene	7.44	91	10559817	126.453 ug/L	91
44) trans-1,3-Dichloropropene	7.44	75	72770	3.037 ug/L #	1
48) 2-Hexanone	8.19	43	18266	2.772 ug/L #	85
51) Chlorobenzene	8.93	112	38628	0.720 ug/L	100
52) Ethylbenzene	9.06	91	171464	1.843 ug/L	100
53) m,p-xylene	9.19	106	307710	8.478 ug/L	98
54) o-xylene	9.59	106	103007	2.902 ug/L	98

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QLast Update : Fri Jun 22 01:25:25 2018
Response via : Initial Calibration

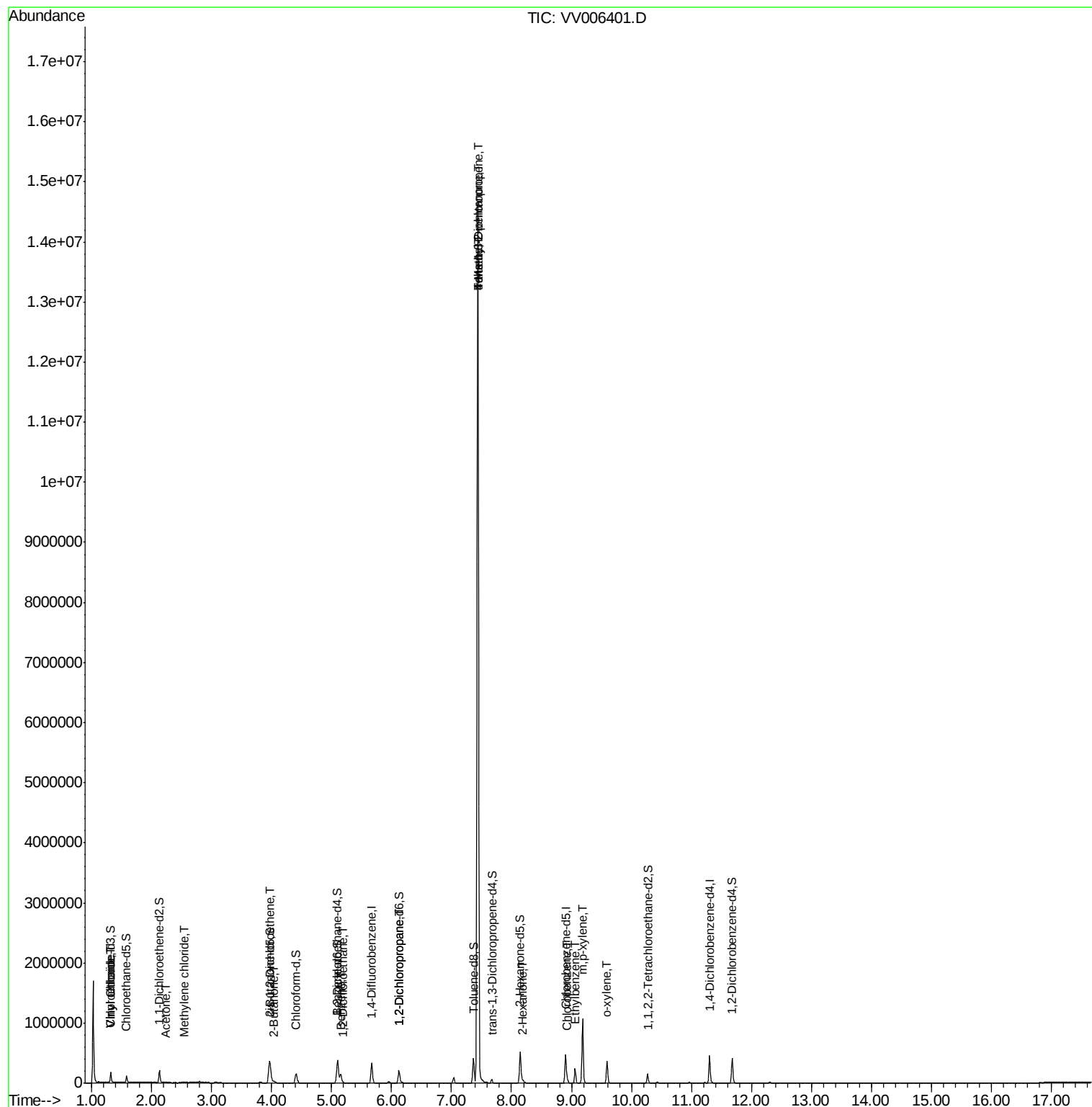
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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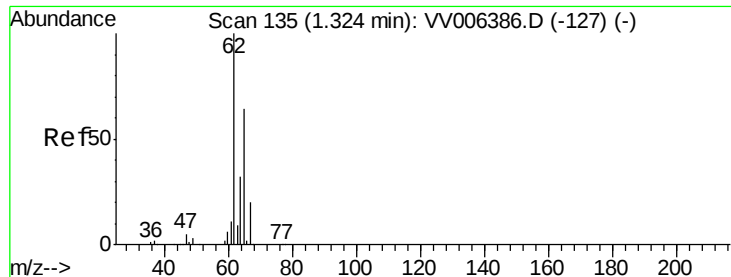
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV062118\
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#5

Vinyl chloride

Concen: 1.860 ug/L

RT: 1.32 min Scan# 135

Delta R.T. 0.00 min

Lab File: VV006401.D

Acq: 21 Jun 2018 19:16

Instrument :

MSVOA_V

ClientSampleId :

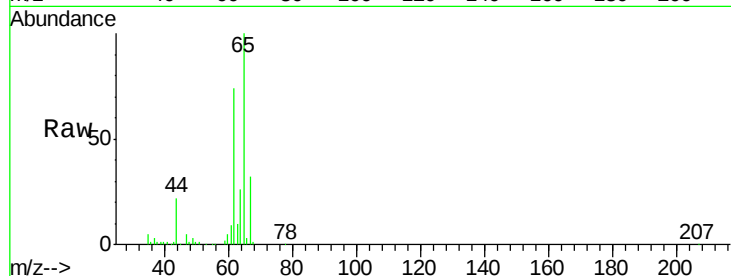
BEXT7

Tgt Ion: 62 Resp: 42677

Ion Ratio Lower Upper

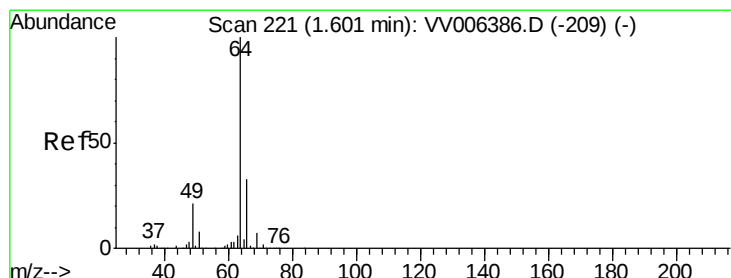
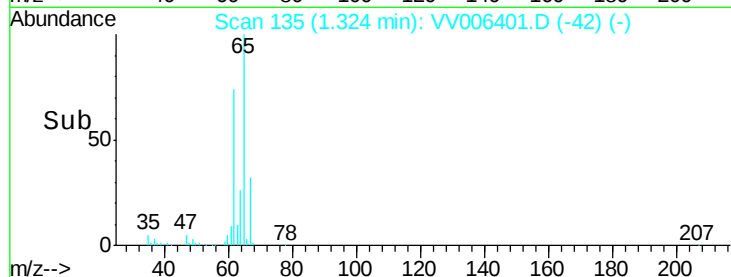
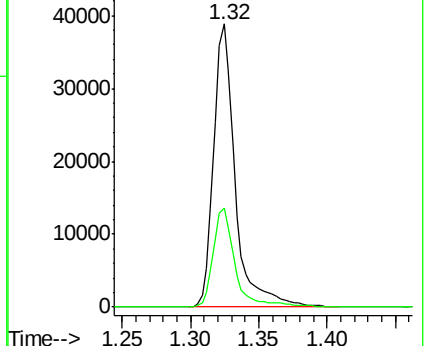
62 100

64 35.0 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: 1.175 ug/L

RT: 1.32 min Scan# 135

Delta R.T. -0.28 min

Lab File: VV006401.D

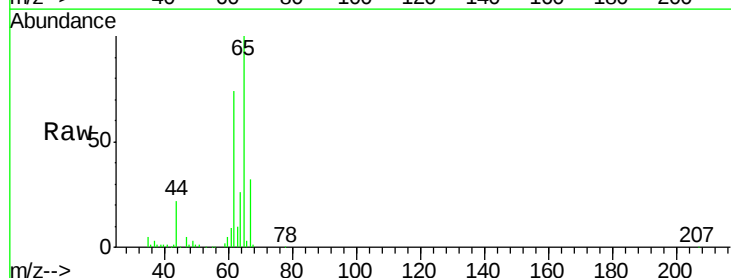
Acq: 21 Jun 2018 19:16

Tgt Ion: 64 Resp: 15069

Ion Ratio Lower Upper

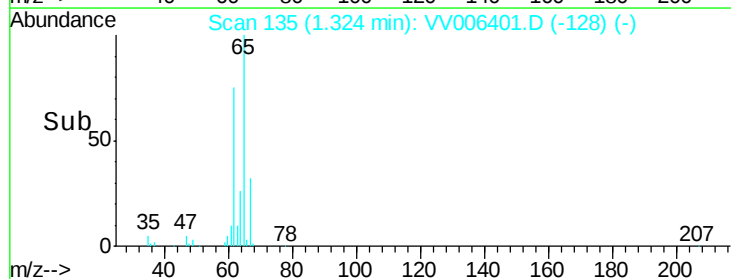
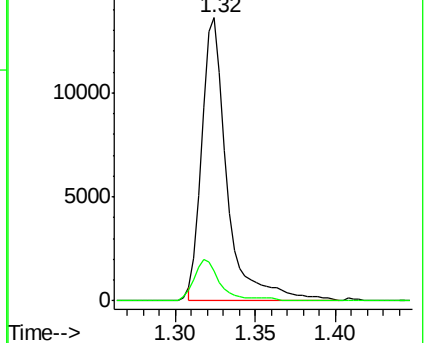
64 100

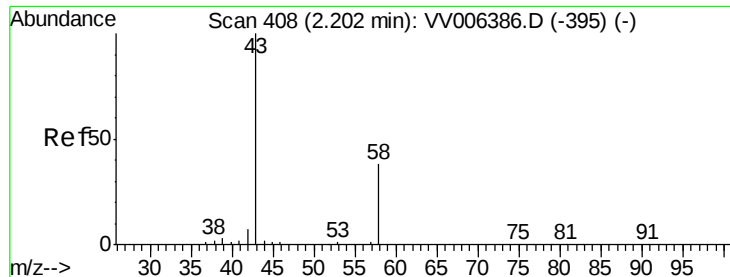
66 10.5 22.5 41.7#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0





#13

Acetone

Concen: 1.637 ug/L

RT: 2.22 min Scan# 415

Delta R.T. 0.02 min

Lab File: VV006401.D

Acq: 21 Jun 2018 19:16

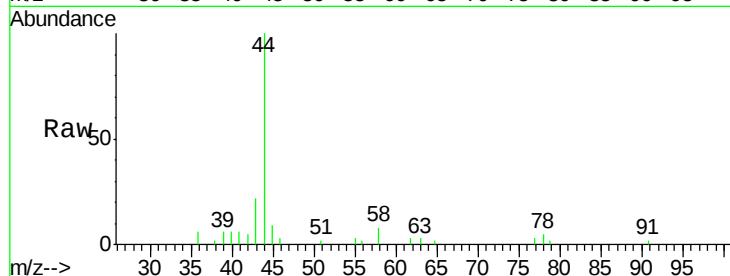
Instrument :
MSVOA_V
ClientSampleId :
BEXT7

Tgt Ion: 43 Resp: 3059

Ion Ratio Lower Upper

43 100

58 39.4 0.0 67.4



Abundance Ion 43.05 (42.75 to 43.75): VV006401.D (-415) (-)

Ion 58.05 (57.75 to 58.75): VV006401.D (-415) (-)

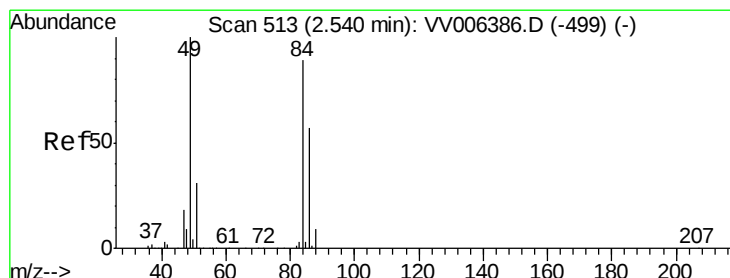
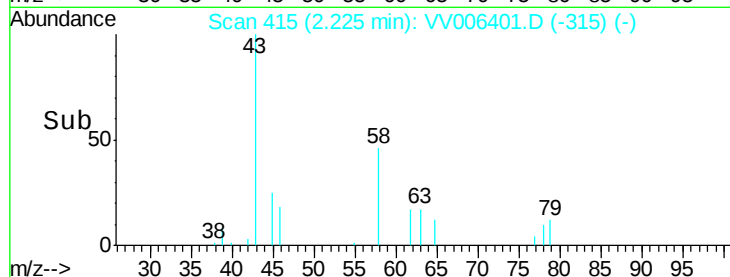
2.22

1000

500

0

Time-->



#16

Methylene chloride

Concen: 0.270 ug/L

RT: 2.54 min Scan# 513

Delta R.T. 0.00 min

Lab File: VV006401.D

Acq: 21 Jun 2018 19:16

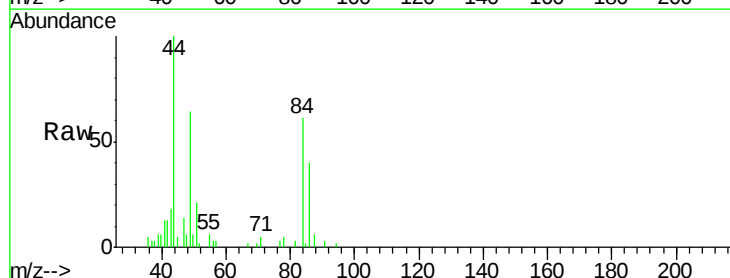
Tgt Ion: 84 Resp: 5094

Ion Ratio Lower Upper

84 100

86 64.6 44.2 82.0

49 104.4 78.8 146.4



Abundance Ion 84.05 (83.75 to 84.75): VV006401.D (-513) (-)

Ion 86.00 (85.70 to 86.70): VV006401.D (-513) (-)

Ion 49.10 (48.80 to 49.80): VV006401.D (-513) (-)

2.54

4000

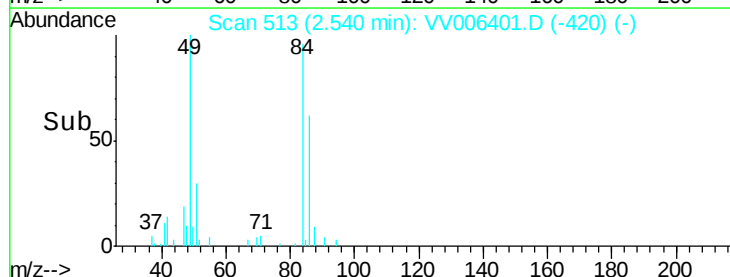
3000

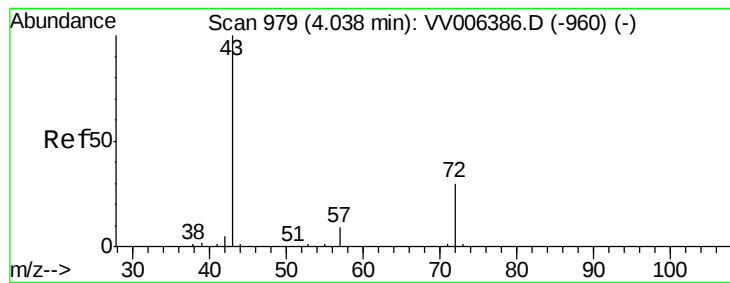
2000

1000

0

Time-->





#21

2-Butanone

Concen: 0.481 ug/L

RT: 4.05 min Scan# 983

Delta R.T. 0.01 min

Lab File: VV006401.D

Acq: 21 Jun 2018 19:16

Instrument :

MSVOA_V

ClientSampleId :

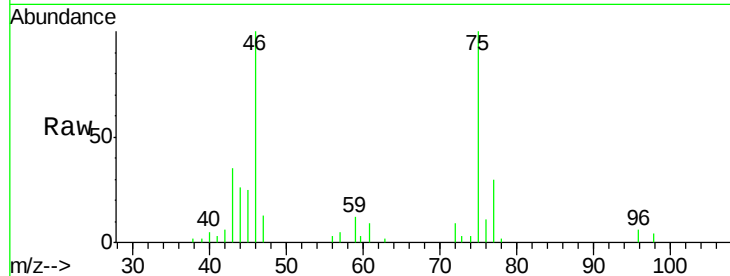
BEXT7

Tgt Ion: 43 Resp: 1637

Ion Ratio Lower Upper

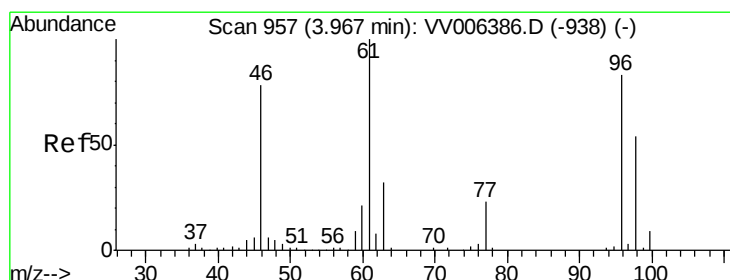
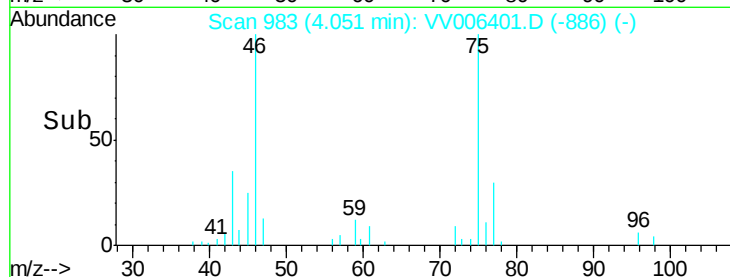
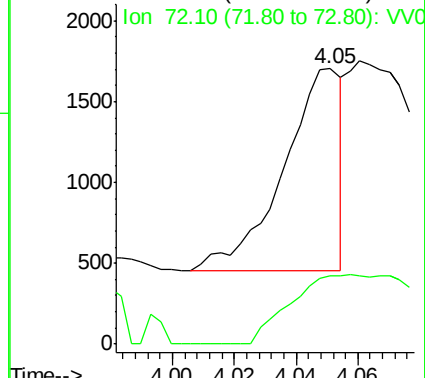
43 100

72 45.8 13.8 41.3#



Abundance Ion 43.05 (42.75 to 43.75): VV006401.D (-886) (-)

Ion 72.10 (71.80 to 72.80): VV006401.D (-886) (-)



#22

cis-1,2-Dichloroethene

Concen: 7.398 ug/L

RT: 3.97 min Scan# 957

Delta R.T. 0.00 min

Lab File: VV006401.D

Acq: 21 Jun 2018 19:16

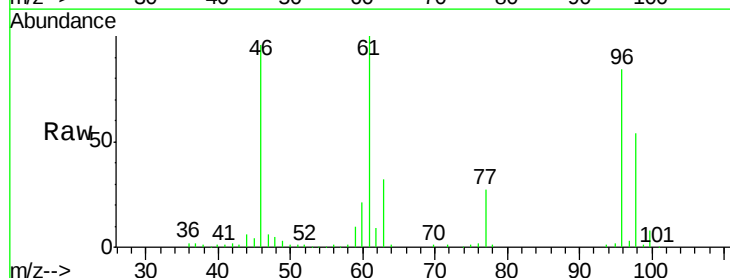
Tgt Ion: 96 Resp: 149076

Ion Ratio Lower Upper

96 100

61 118.8 84.1 156.3

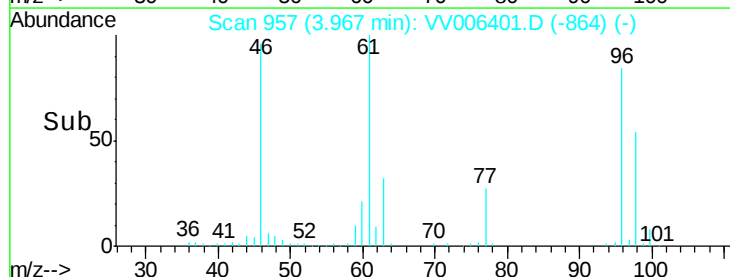
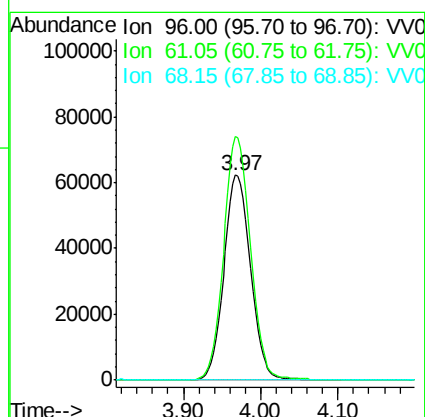
68 0.0 0.3 0.5#

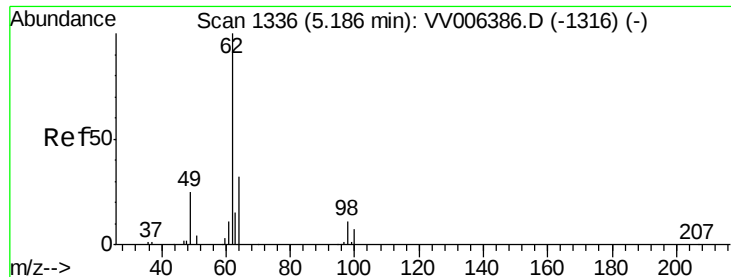


Abundance Ion 96.00 (95.70 to 96.70): VV006401.D (-864) (-)

Ion 61.05 (60.75 to 61.75): VV006401.D (-864) (-)

Ion 68.15 (67.85 to 68.85): VV006401.D (-864) (-)

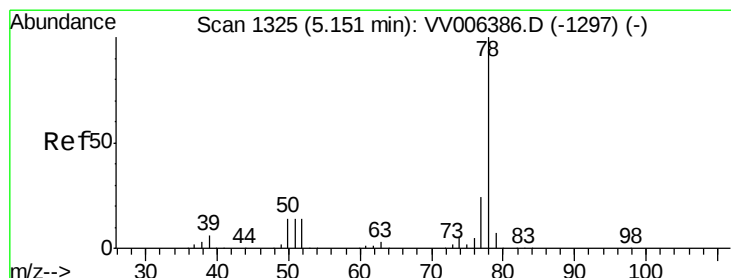
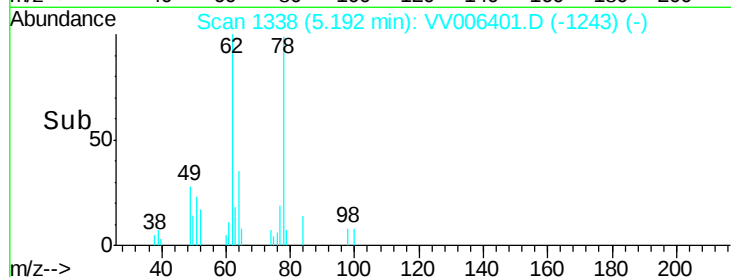
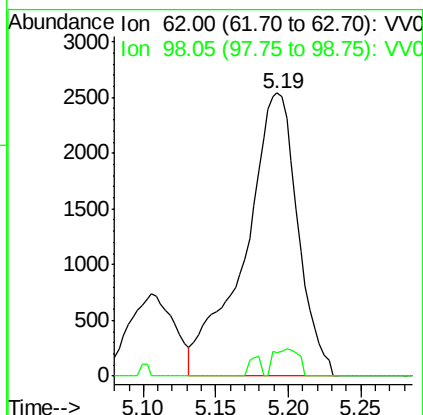
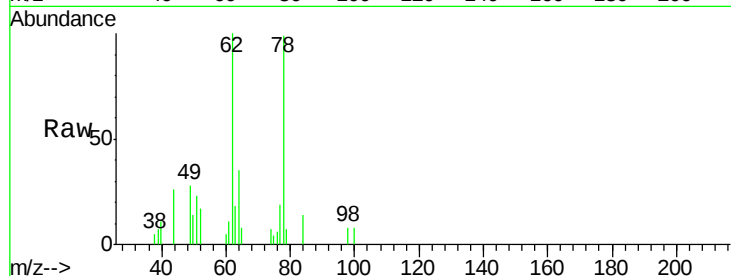




#27
 1,2-Dichloroethane
 Concen: 0.349 ug/L
 RT: 5.19 min Scan# 1338
 Delta R.T. 0.01 min
 Lab File: VV006401.D
 Acq: 21 Jun 2018 19:16

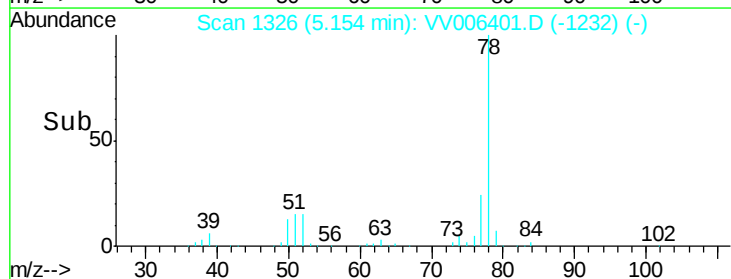
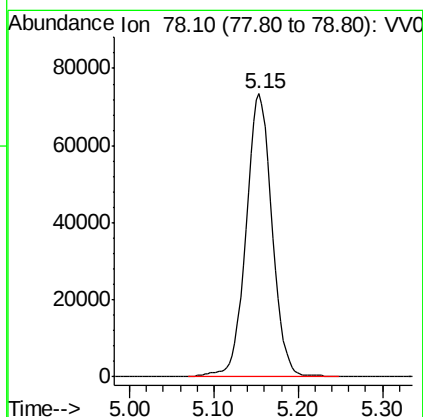
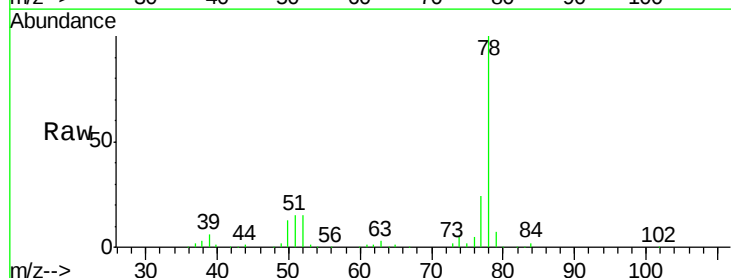
Instrument :
 MSVOA_V
 ClientSampleId :
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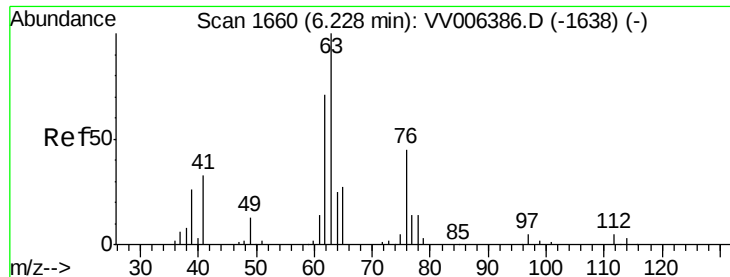
Tgt Ion: 62 Resp: 6473
 Ion Ratio Lower Upper
 62 100
 98 8.1 8.6 12.8#



#33
 Benzene
 Concen: 2.083 ug/L
 RT: 5.15 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: VV006401.D
 Acq: 21 Jun 2018 19:16

Tgt Ion: 78 Resp: 157603

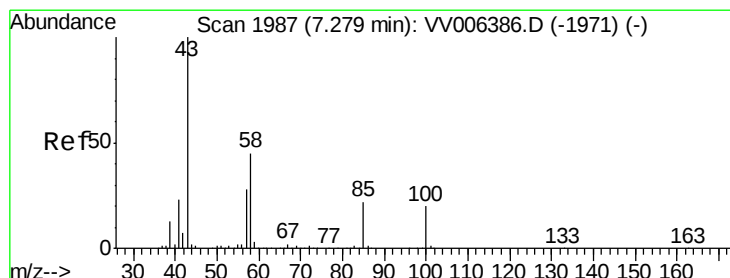
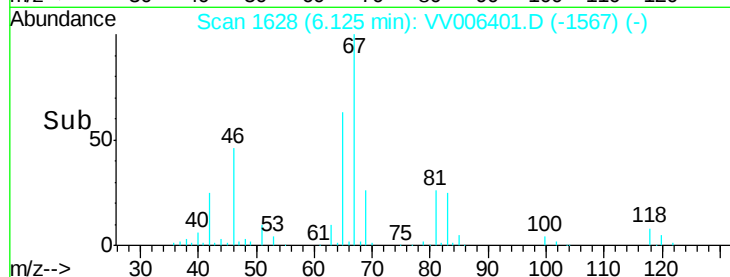
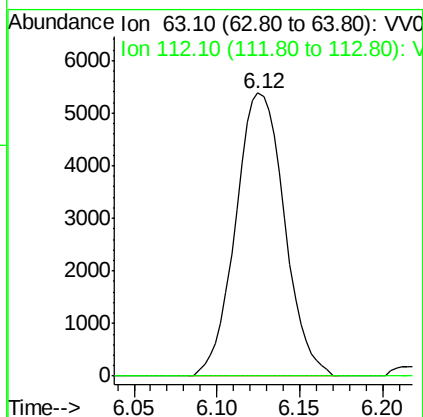
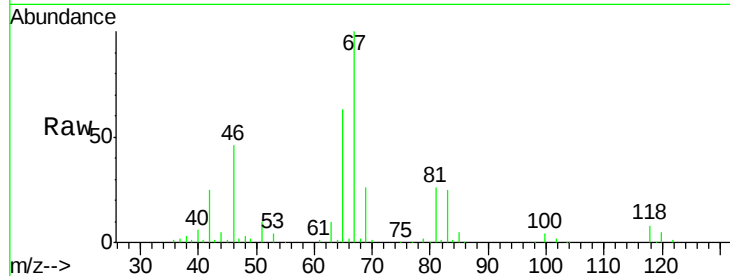




#37
 1,2-Dichloropropane
 Concen: 0.608 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VV006401.D
 Acq: 21 Jun 2018 19:16

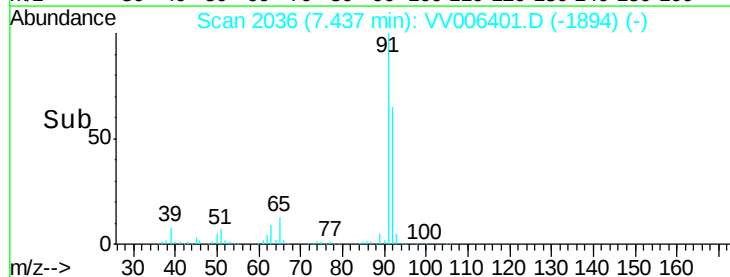
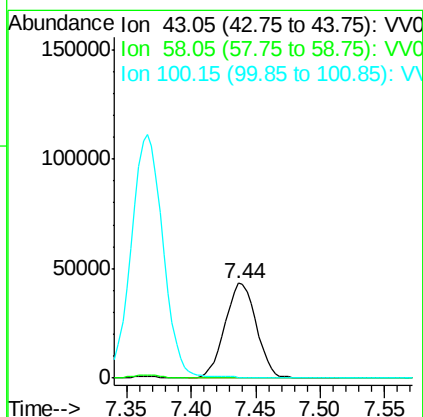
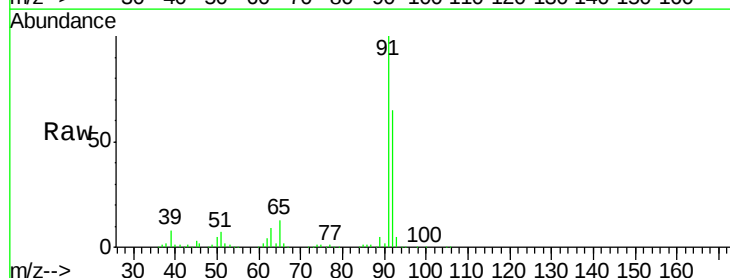
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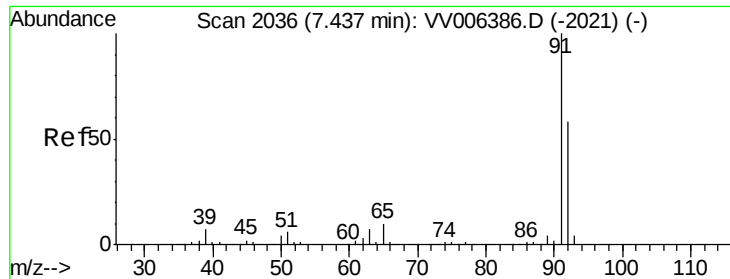
Tgt Ion: 63 Resp: 11015
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.1 6.1#



#40
 4-Methyl-2-pentanone
 Concen: 7.876 ug/L
 RT: 7.44 min Scan# 2036
 Delta R.T. 0.16 min
 Lab File: VV006401.D
 Acq: 21 Jun 2018 19:16

Tgt Ion: 43 Resp: 73834
 Ion Ratio Lower Upper
 43 100
 58 3.2 36.0 54.0#
 100 259.8 15.4 23.2#





#42

Toluene

Concen: 126.453 ug/L

RT: 7.44 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VV006401.D

Acq: 21 Jun 2018 19:16

Instrument :

MSVOA_V

ClientSampled :

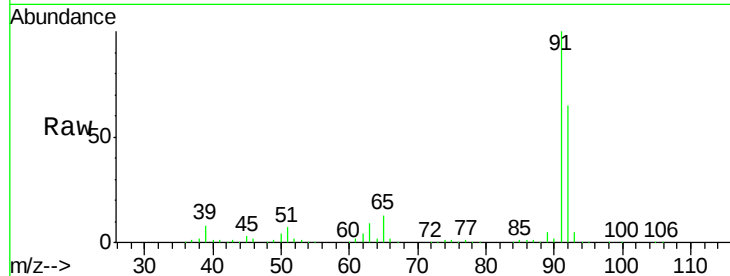
BEXT7

Tgt Ion: 91 Resp:10559817

Ion Ratio Lower Upper

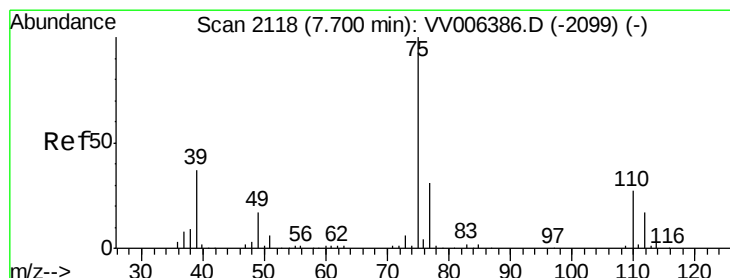
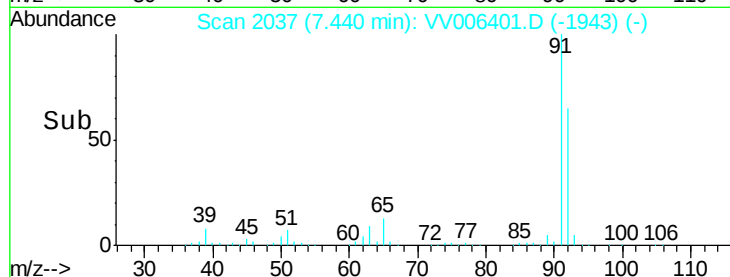
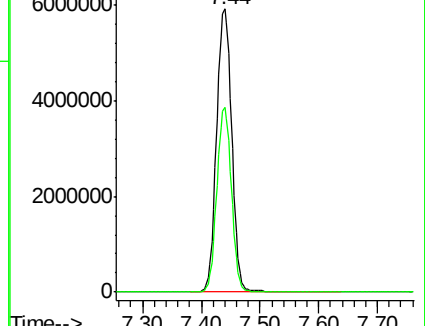
91 100

92 65.1 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: 3.037 ug/L

RT: 7.44 min Scan# 2037

Delta R.T. -0.26 min

Lab File: VV006401.D

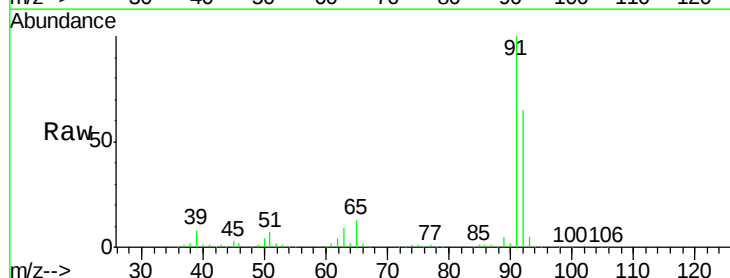
Acq: 21 Jun 2018 19:16

Tgt Ion: 75 Resp: 72770

Ion Ratio Lower Upper

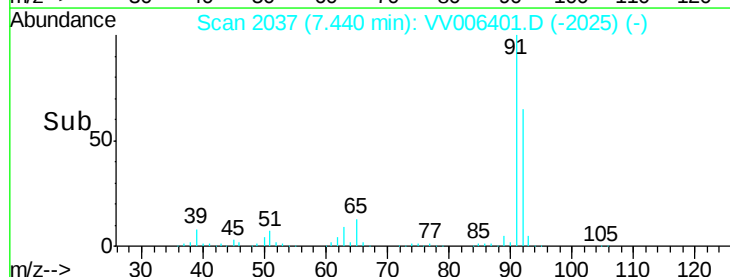
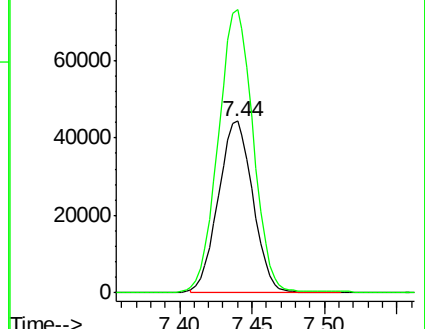
75 100

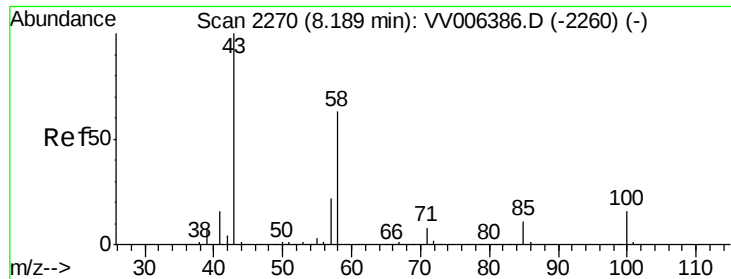
77 164.8 23.0 42.6#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

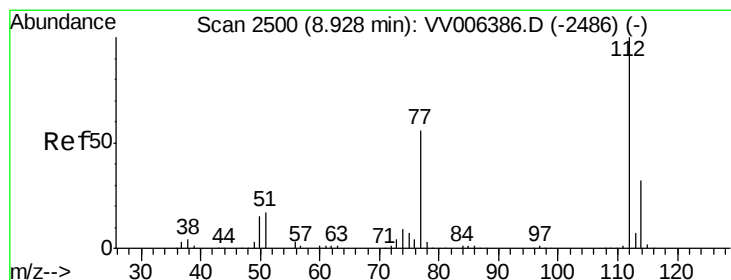
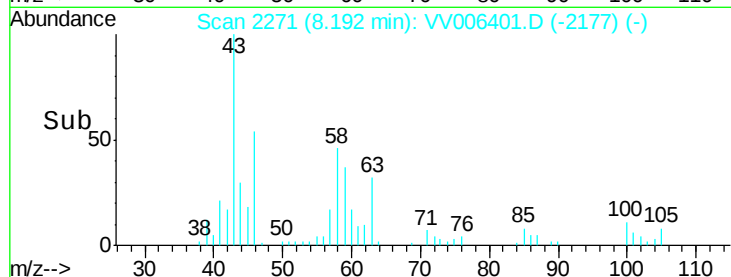
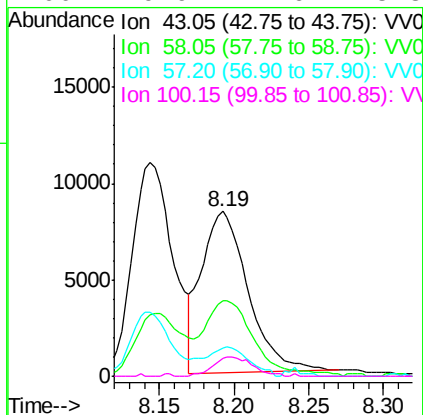
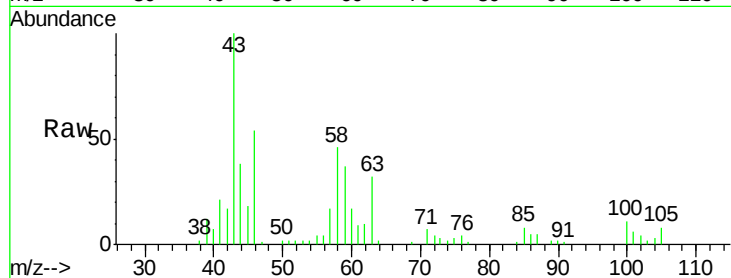




#48
2-Hexanone
Concen: 2.772 ug/L
RT: 8.19 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VV006401.D
Acq: 21 Jun 2018 19:16

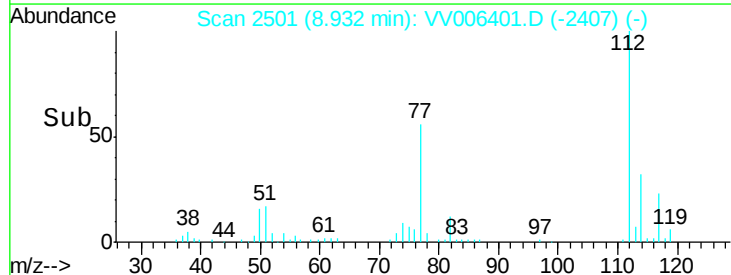
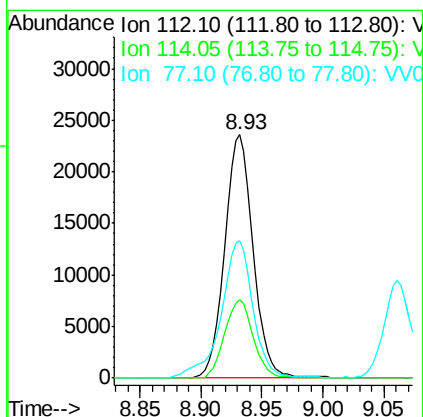
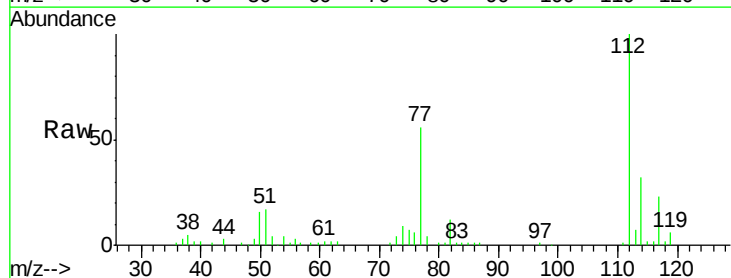
Instrument :
MSVOA_V
ClientSampled :
BEXT7

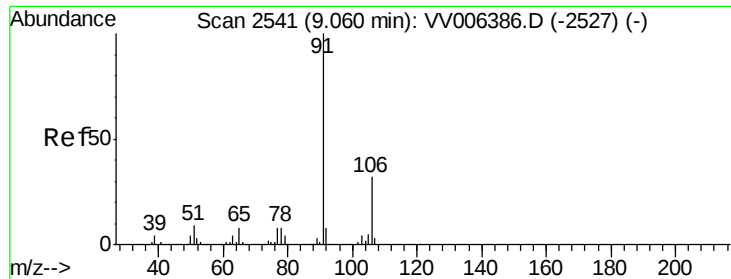
Tgt Ion: 43 Resp: 18266
Ion Ratio Lower Upper
43 100
58 49.1 48.6 72.8
57 15.4 17.5 26.3#
100 9.9 12.6 18.8#



#51
Chlorobenzene
Concen: 0.720 ug/L
RT: 8.93 min Scan# 2501
Delta R.T. 0.00 min
Lab File: VV006401.D
Acq: 21 Jun 2018 19:16

Tgt Ion: 112 Resp: 38628
Ion Ratio Lower Upper
112 100
114 32.2 22.2 41.2
77 56.3 45.2 67.8





#52

Ethylbenzene

Concen: 1.843 ug/L

RT: 9.06 min Scan# 2541

Delta R.T. 0.00 min

Lab File: VV006401.D

Acq: 21 Jun 2018 19:16

Instrument :

MSVOA_V

ClientSampleId :

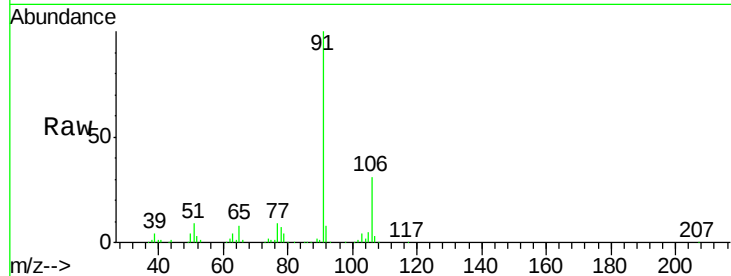
BEXT7

Tgt Ion: 91 Resp: 171464

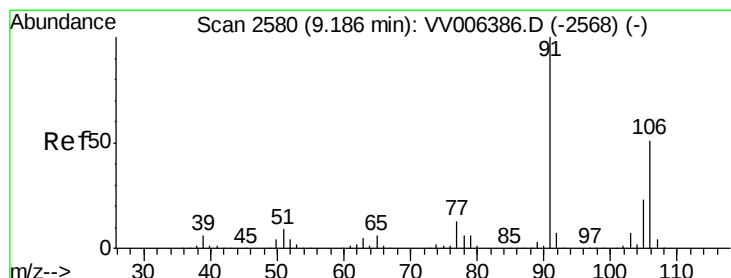
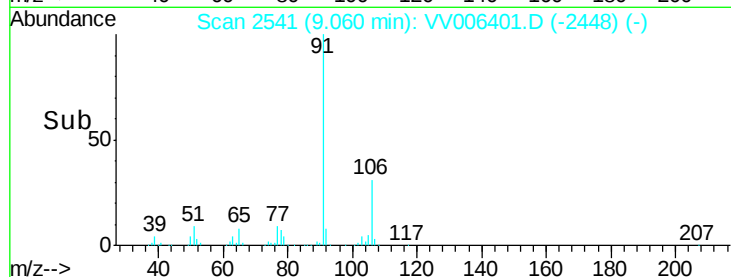
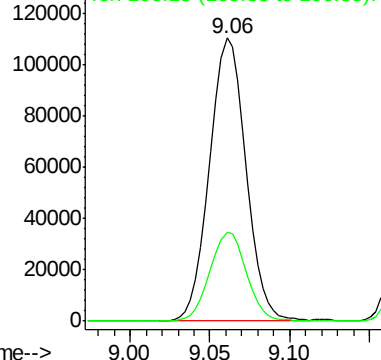
Ion Ratio Lower Upper

91 100

106 31.4 21.9 40.7



Abundance Ion 91.15 (90.85 to 91.85): VV006401.D (-2448) (-)



#53

m,p-xylene

Concen: 8.478 ug/L

RT: 9.19 min Scan# 2580

Delta R.T. 0.00 min

Lab File: VV006401.D

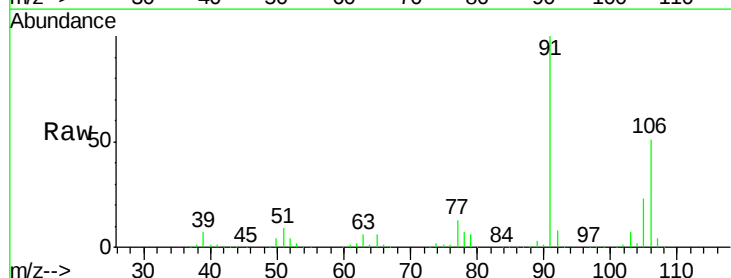
Acq: 21 Jun 2018 19:16

Tgt Ion: 106 Resp: 307710

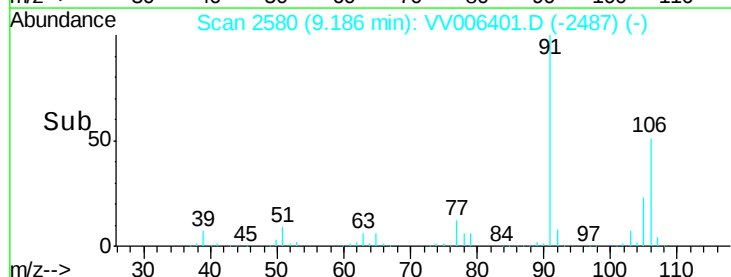
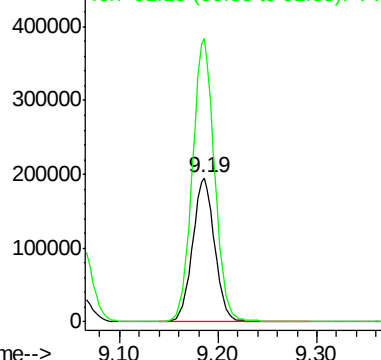
Ion Ratio Lower Upper

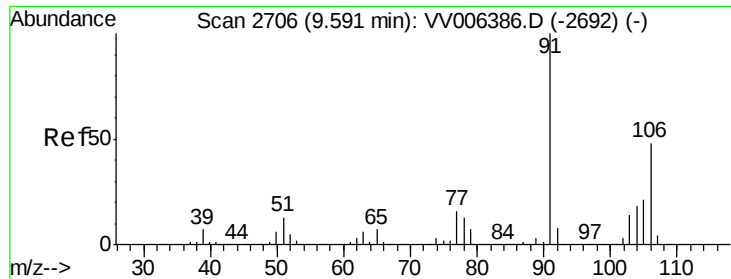
106 100

91 196.2 139.7 259.4



Abundance Ion 106.15 (105.85 to 106.85): VV006401.D (-2487) (-)





#54
 o-xylene
 Concen: 2.902 ug/L
 RT: 9.59 min Scan# 2707
 Delta R.T. 0.00 min
 Lab File: VV006401.D
 Acq: 21 Jun 2018 19:16

Instrument :
 MSVOA_V
 ClientSampleId :
 BEXT7

Tgt Ion:106 Resp: 103007
 Ion Ratio Lower Upper
 106 100
 91 207.7 147.9 274.7

