

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091218\
 Data File : VV007506.D
 Acq On : 13 Sep 2018 05:30
 Operator : SY/MD
 Sample : J4872-05
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0KP3

Quant Time: Sep 13 07:20:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091218WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 13 07:19:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	119444	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	107675	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	56700	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32506	5.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.80%
7) Chloroethane-d5	1.58	69	25499	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.13	63	52460	4.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.60%
20) 2-Butanone-d5	3.97	46	63234	45.94	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.88%
24) Chloroform-d	4.41	84	62761	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	5.09	65	33552	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.10	84	126380	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
36) 1,2-Dichloropropane-d6	6.13	67	37272	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.36	98	126512	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
43) trans-1,3-Dichloropropene-	7.67	79	15872	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
46) 2-Hexanone-d5	8.14	63	37956	44.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.18%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	24893	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	50943	5.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.80%

Target Compounds

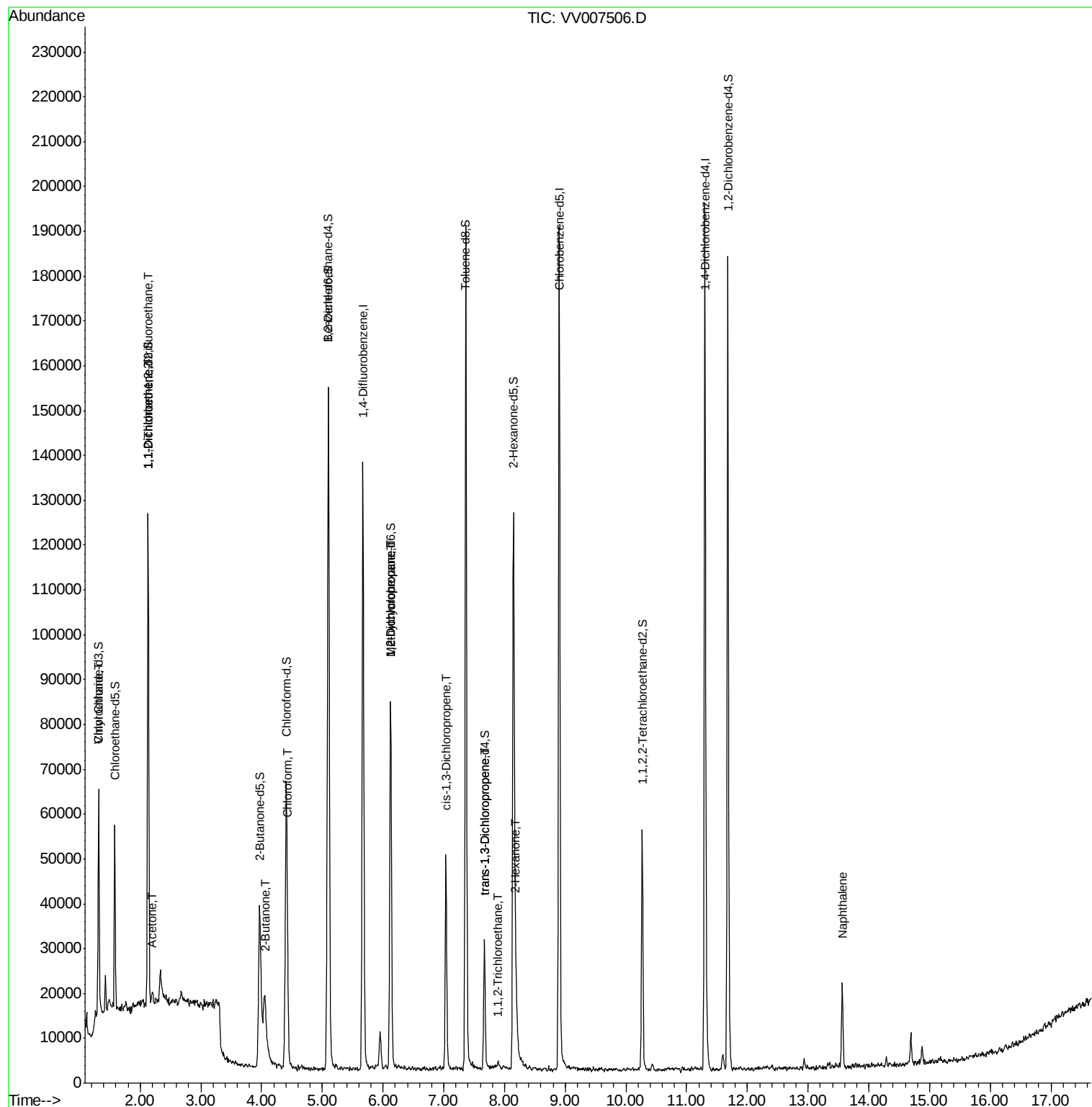
					Qvalue
8) Chloroethane	1.32	64	559	0.134 ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	706	0.101 ug/L #	28
12) 1,1-Dichloroethene	2.14	96	1864	0.302 ug/L #	1
13) Acetone	2.20	43	2414	3.004 ug/L	100
21) 2-Butanone	4.05	43	1629	1.247 ug/L #	61
25) Chloroform	4.43	83	3478	0.313 ug/L	95
35) Methylcyclohexane	6.13	83	9818	0.894 ug/L #	22
37) 1,2-Dichloropropane	6.13	63	4425	0.744 ug/L #	86
39) cis-1,3-Dichloropropene	7.04	75	1430	0.149 ug/L #	61
44) trans-1,3-Dichloropropene	7.67	75	827	0.103 ug/L #	59
45) 1,1,2-Trichloroethane	7.89	97	487	0.108 ug/L	84
48) 2-Hexanone	8.19	43	6956	2.821 ug/L #	80
69) Naphthalene	13.56	128	15444	1.181 ug/L	98

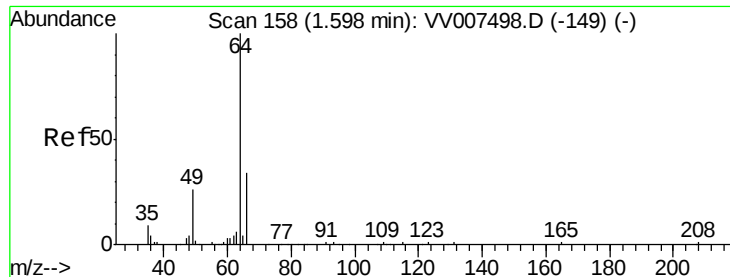
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 13 07:19:10 2018
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#8

Chloroethane

Concen: 0.134 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.28 min

Lab File: VV007506.D

Acq: 13 Sep 2018 05:30

Instrument :

MSVOA_V

ClientSampleId :

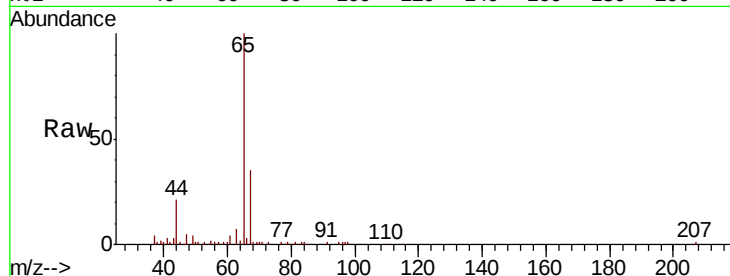
C0KP3

Tgt Ion: 64 Resp: 559

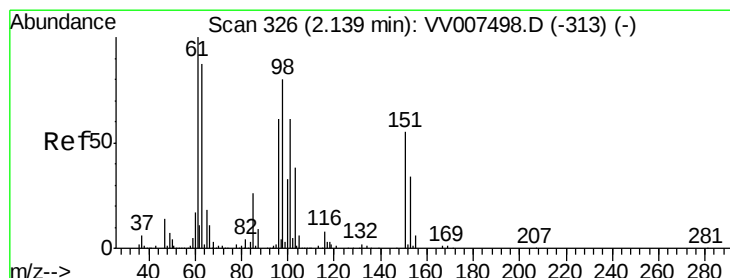
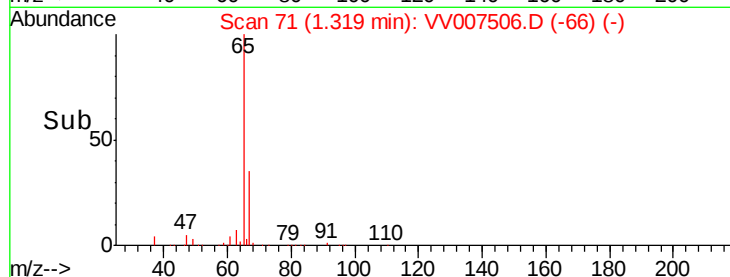
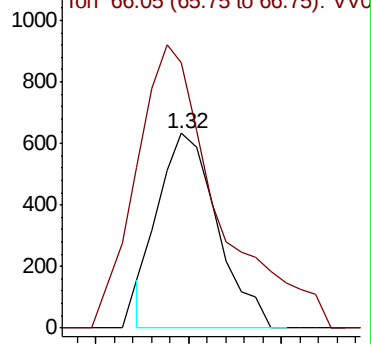
Ion Ratio Lower Upper

64 100

66 136.2 23.5 43.7#



Abundance Ion 64.10 (63.80 to 64.80): VV007498.D (-149) (-)



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.101 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV007506.D

Acq: 13 Sep 2018 05:30

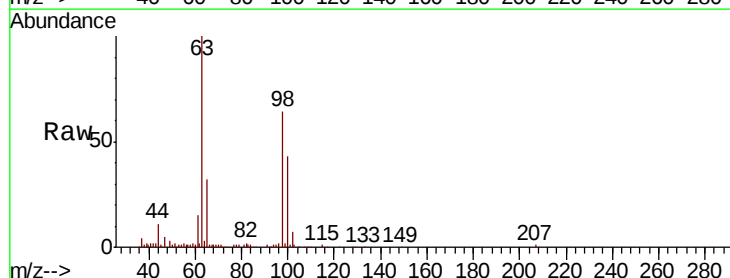
Tgt Ion: 101 Resp: 706

Ion Ratio Lower Upper

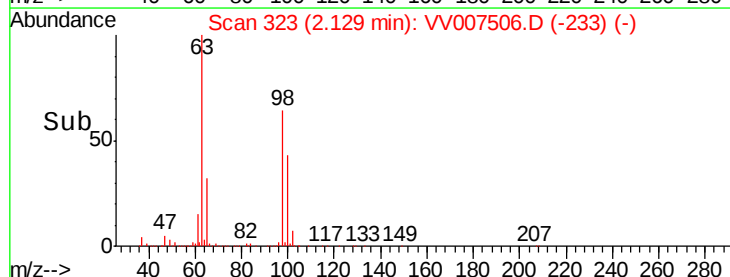
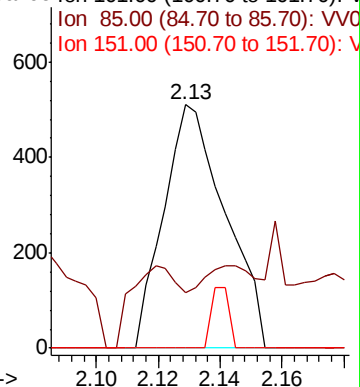
101 100

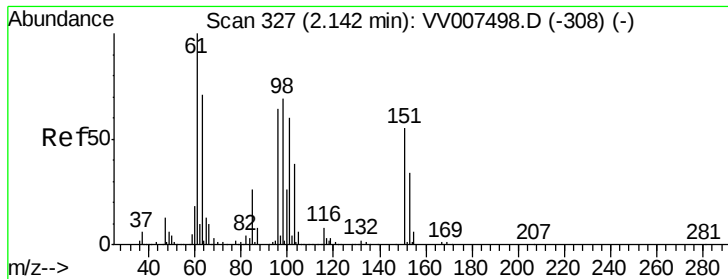
85 27.1 34.5 51.7#

151 0.0 71.4 107.0#



Abundance Ion 101.00 (100.70 to 101.70): VV007498.D (-313) (-)





#12

1,1-Dichloroethene

Concen: 0.302 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VV007506.D

Acq: 13 Sep 2018 05:30

Instrument :

MSVOA_V

ClientSampleId :

C0KP3

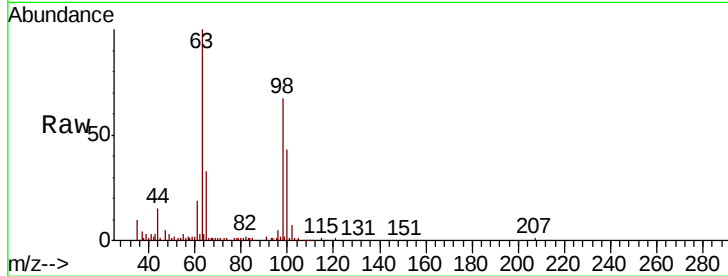
Tgt Ion: 96 Resp: 1864

Ion Ratio Lower Upper

96 100

61 368.5 108.0 200.6#

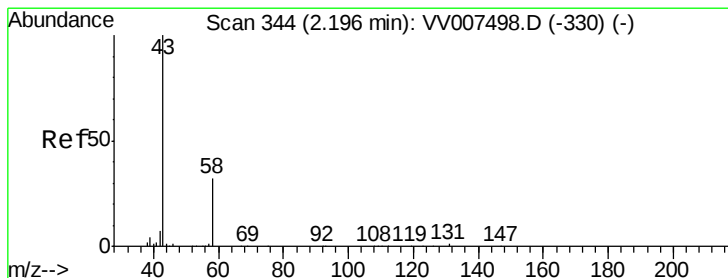
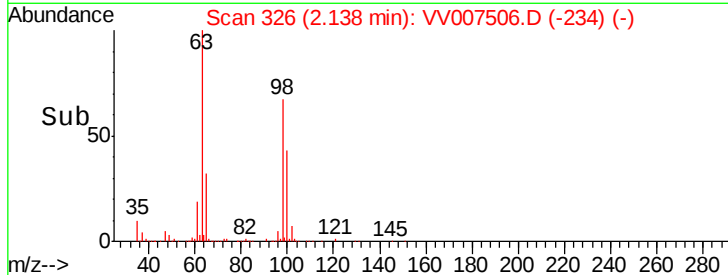
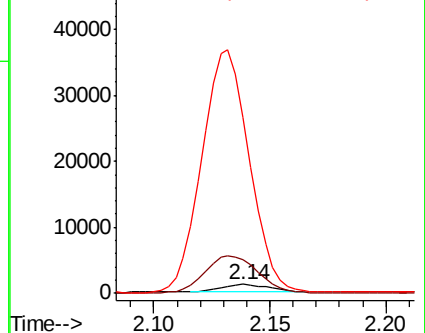
63 1944.4 85.7 159.1#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0



#13

Acetone

Concen: 3.004 ug/L

RT: 2.20 min Scan# 346

Delta R.T. -0.01 min

Lab File: VV007506.D

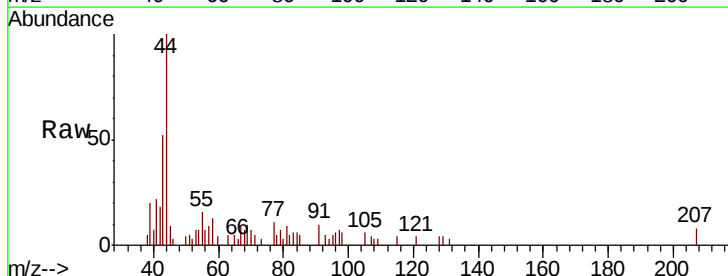
Acq: 13 Sep 2018 05:30

Tgt Ion: 43 Resp: 2414

Ion Ratio Lower Upper

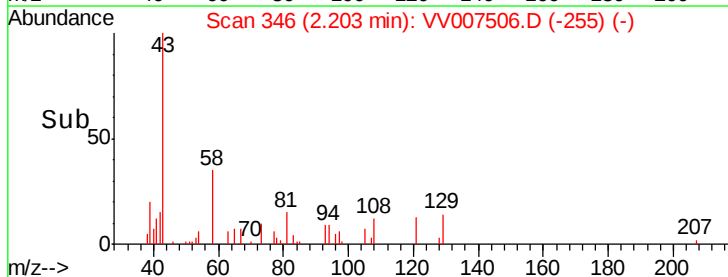
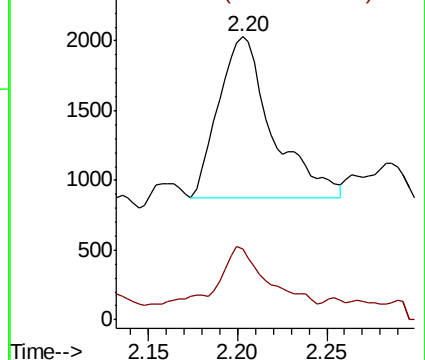
43 100

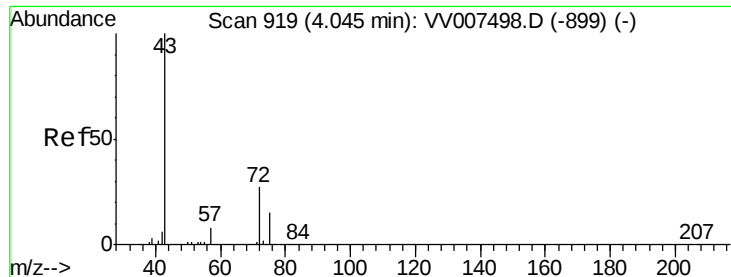
58 32.6 0.0 65.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0





#21

2-Butanone

Concen: 1.247 ug/L

RT: 4.05 min Scan# 922

Delta R.T. 0.00 min

Lab File: VV007506.D

Acq: 13 Sep 2018 05:30

Instrument :

MSVOA_V

ClientSampled :

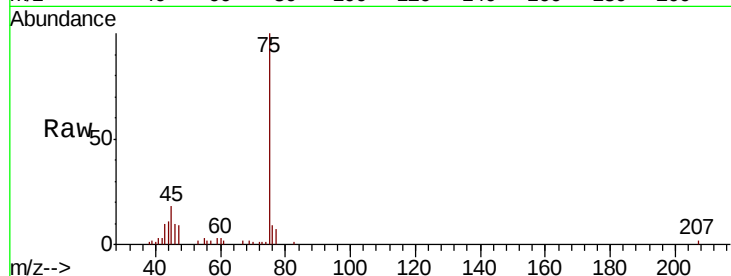
C0KP3

Tgt Ion: 43 Resp: 1629

Ion Ratio Lower Upper

43 100

72 8.7 14.8 44.4#



Abundance Ion 43.05 (42.75 to 43.75): VV007498.D (-899) (-)

Ion 72.10 (71.80 to 72.80): VV007498.D (-899) (-)

4.05

800

600

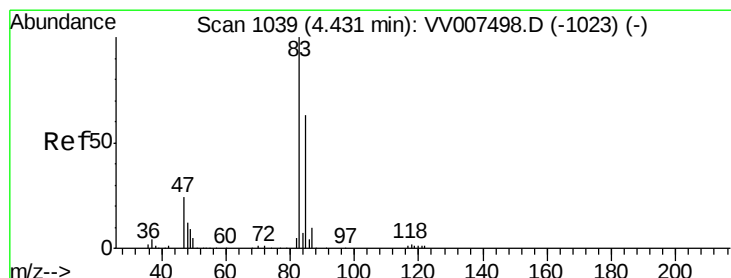
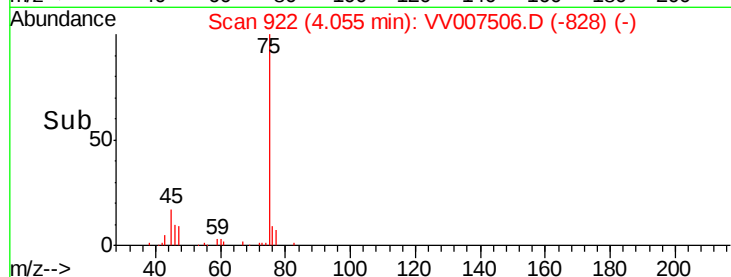
400

200

0

4.00 4.05 4.10

Time-->



#25

Chloroform

Concen: 0.313 ug/L

RT: 4.43 min Scan# 1039

Delta R.T. -0.00 min

Lab File: VV007506.D

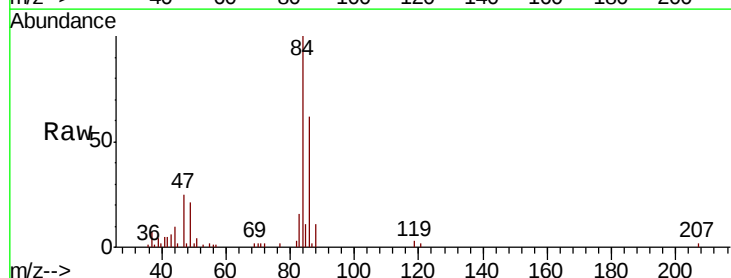
Acq: 13 Sep 2018 05:30

Tgt Ion: 83 Resp: 3478

Ion Ratio Lower Upper

83 100

85 70.5 46.6 86.6



Abundance Ion 83.05 (82.75 to 83.75): VV007498.D (-1023) (-)

Ion 85.00 (84.70 to 85.70): VV007498.D (-1023) (-)

4.43

1500

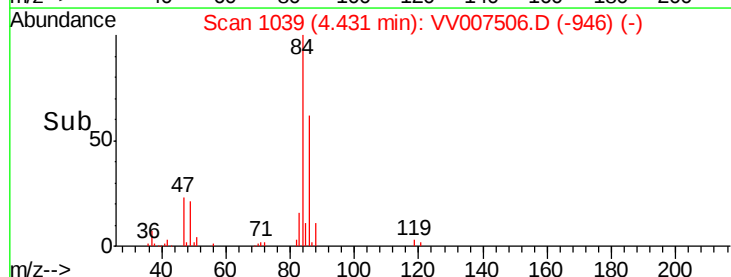
1000

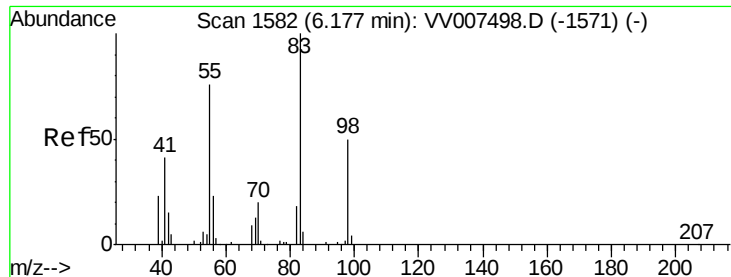
500

0

4.35 4.40 4.45 4.50

Time-->

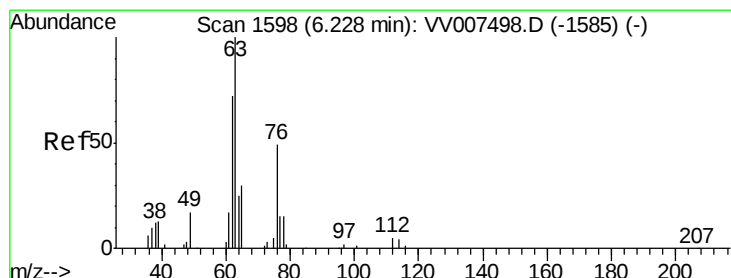
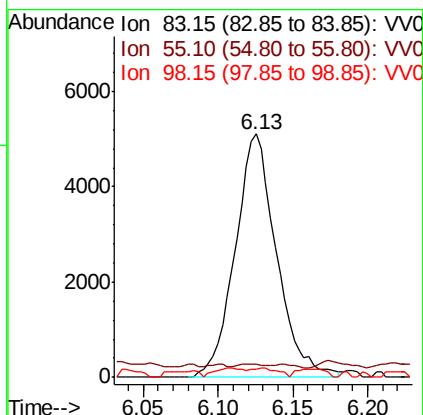
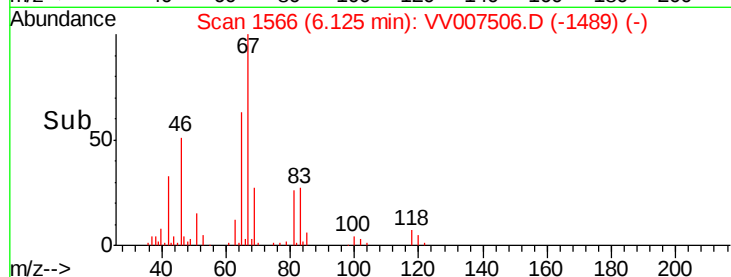
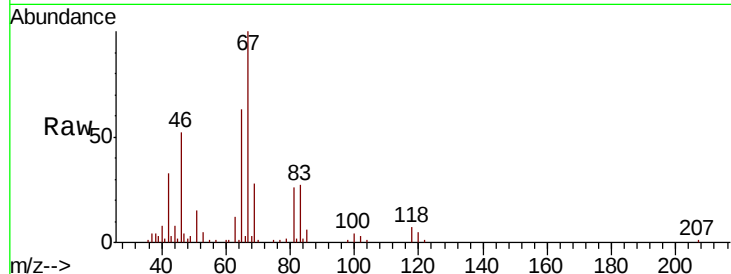




#35
Methylcyclohexane
Concen: 0.894 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV007506.D
Acq: 13 Sep 2018 05:30

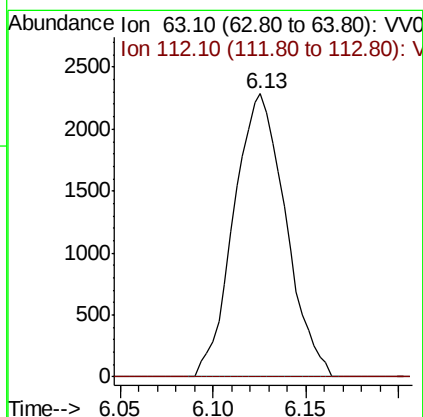
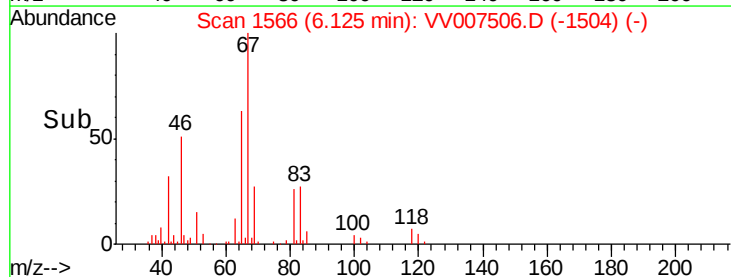
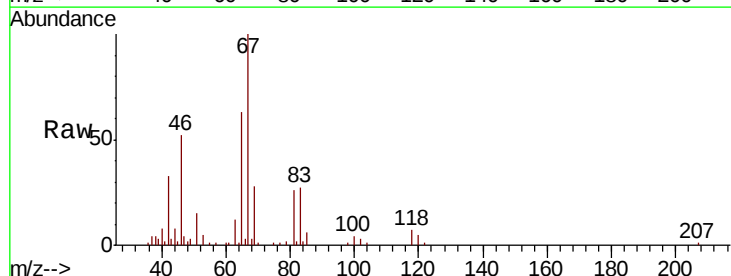
Instrument :
MSVOA_V
ClientSampleId :
C0KP3

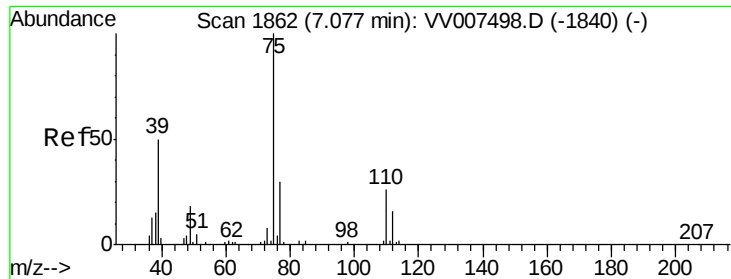
Tgt Ion: 83 Resp: 9818
Ion Ratio Lower Upper
83 100
55 0.9 57.4 86.0#
98 2.5 38.8 58.2#



#37
1,2-Dichloropropane
Concen: 0.744 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.10 min
Lab File: VV007506.D
Acq: 13 Sep 2018 05:30

Tgt Ion: 63 Resp: 4425
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#





#39

cis-1,3-Dichloropropene

Concen: 0.149 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV007506.D

Acq: 13 Sep 2018 05:30

Instrument :

MSVOA_V

ClientSampleId :

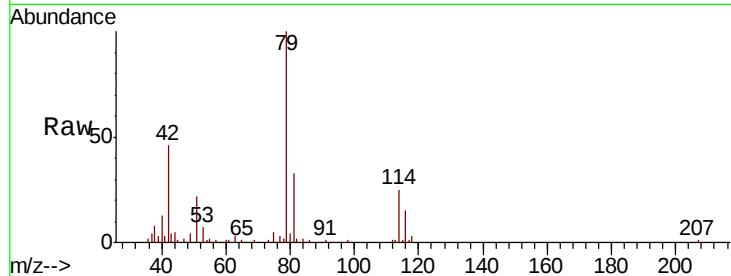
C0KP3

Tgt Ion: 75 Resp: 1430

Ion Ratio Lower Upper

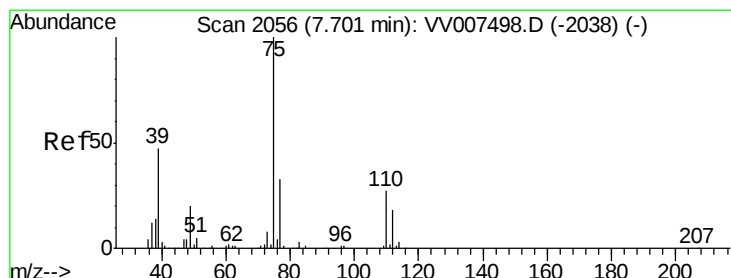
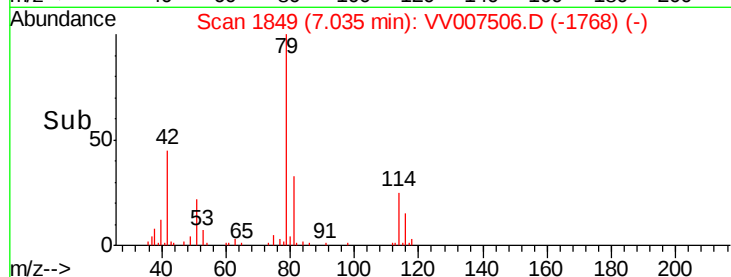
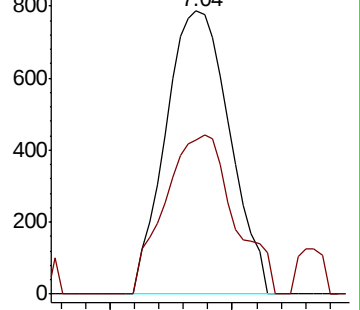
75 100

77 54.5 22.7 42.1#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.103 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

Lab File: VV007506.D

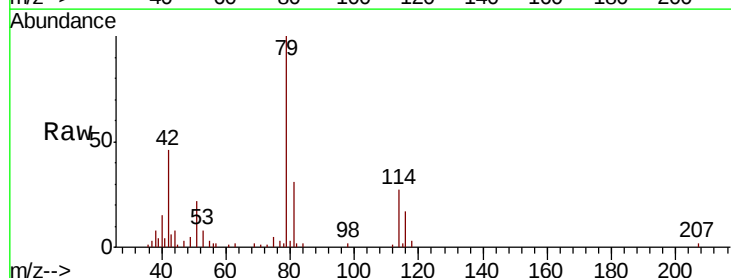
Acq: 13 Sep 2018 05:30

Tgt Ion: 75 Resp: 827

Ion Ratio Lower Upper

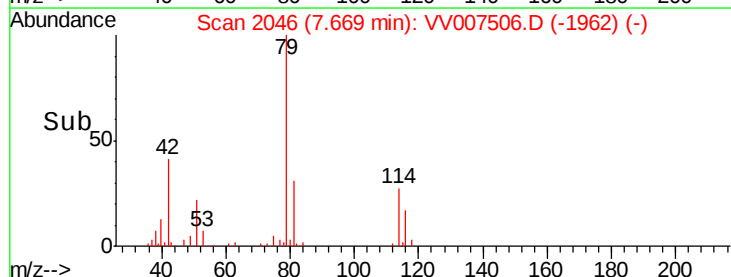
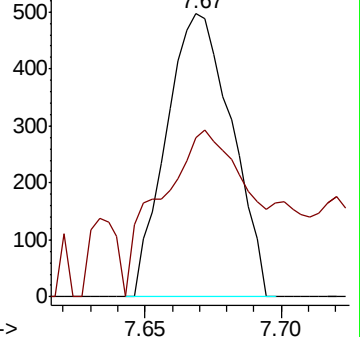
75 100

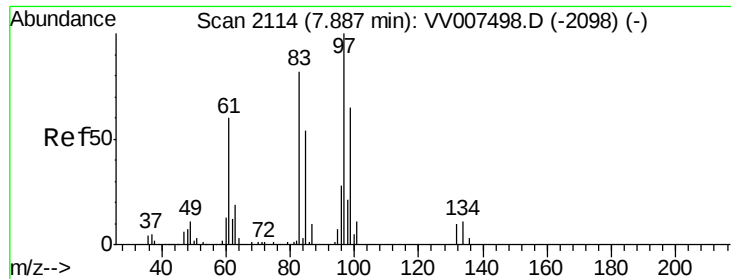
77 56.1 23.0 42.8#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

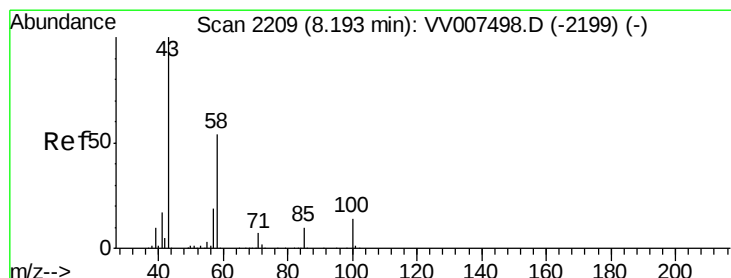
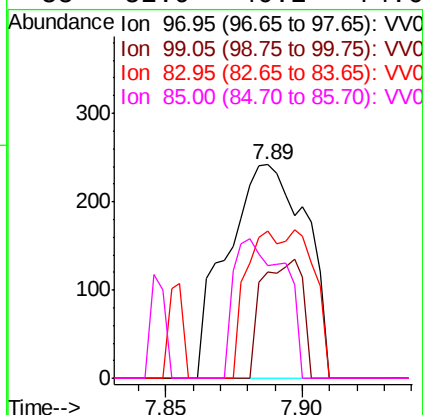
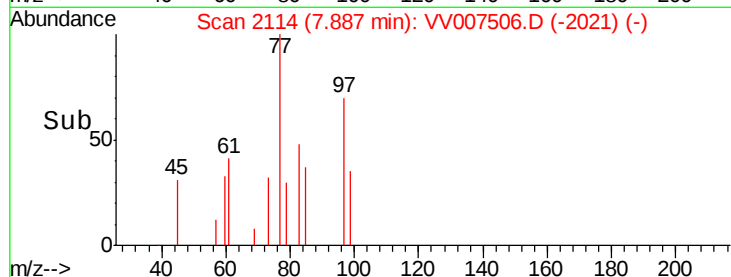
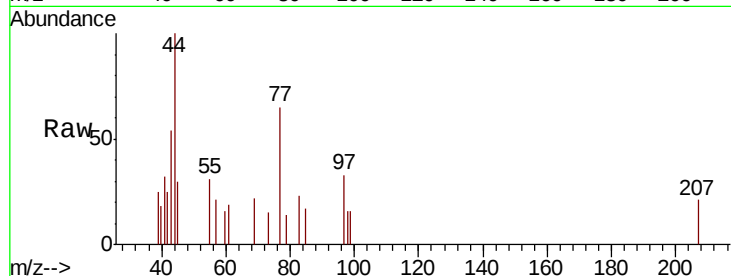




#45
 1,1,2-Trichloroethane
 Concen: 0.108 ug/L
 RT: 7.89 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VV007506.D
 Acq: 13 Sep 2018 05:30

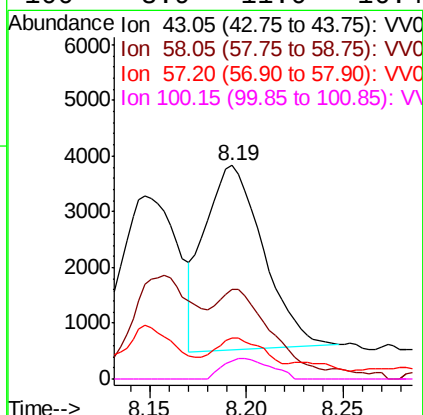
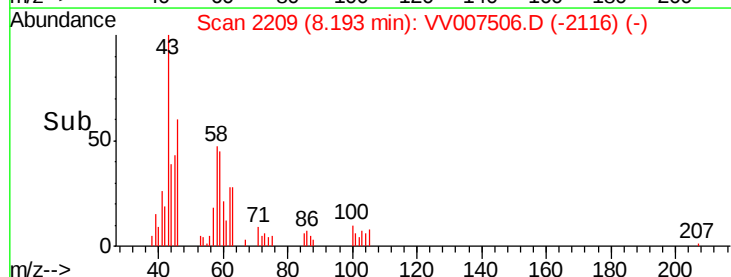
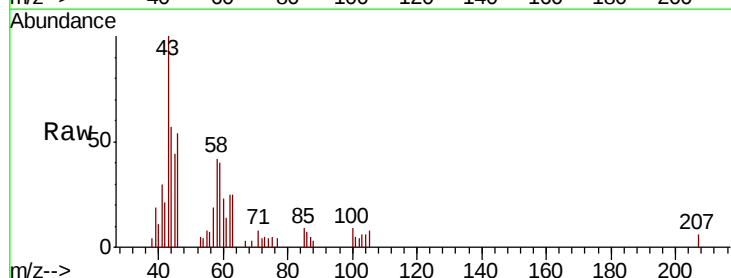
Instrument :
 MSVOA_V
 ClientSampleId :
 C0KP3

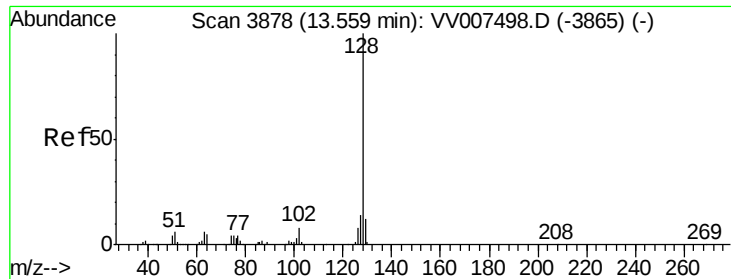
Tgt Ion:	97	Resp:	487
Ion	Ratio	Lower	Upper
97	100		
99	50.0	46.2	85.8
83	69.0	60.5	112.3
85	52.9	40.2	74.6



#48
 2-Hexanone
 Concen: 2.821 ug/L
 RT: 8.19 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: VV007506.D
 Acq: 13 Sep 2018 05:30

Tgt Ion:	43	Resp:	6956
Ion	Ratio	Lower	Upper
43	100		
58	40.5	47.9	71.9#
57	16.2	16.2	24.2#
100	8.9	11.0	16.4#





#69

Naphthalene

Concen: 1.181 ug/L

RT: 13.56 min Scan# 3879

Delta R.T. 0.00 min

Lab File: VV007506.D

Acq: 13 Sep 2018 05:30

Instrument :

MSVOA_V

ClientSampleId :

C0KP3

Tgt Ion:128 Resp: 15444

Ion Ratio Lower Upper

128 100

129 11.3 8.7 13.1

127 12.7 10.8 16.2

