

Data File : VV011406.D
Acq On : 11 Jun 2019 23:10
Operator : SY/MD
Sample : K3286-01
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0JQ4

Quant Time: Jun 12 04:42:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 12 04:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	141428	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	130484	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	49708	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	29133	2.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	54.40%
7) Chloroethane-d5	1.57	69	31659	3.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.00%
11) 1,1-Dichloroethene-d2	2.12	63	51648	2.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.20%#
20) 2-Butanone-d5	3.96	46	137424	56.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.92%
24) Chloroform-d	4.40	84	76244	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.80%
26) 1,2-Dichloroethane-d4	5.08	65	46025	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
32) Benzene-d6	5.09	84	143774	3.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.60%
36) 1,2-Dichloropropane-d6	6.12	67	47947	3.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.80%
41) Toluene-d8	7.36	98	123975	3.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.20%#
43) trans-1,3-Dichloropropene-	7.66	79	13526	2.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	59.00%
46) 2-Hexanone-d5	8.14	63	100431	51.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.72%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	37802	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	41889	4.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.40%

Target Compounds

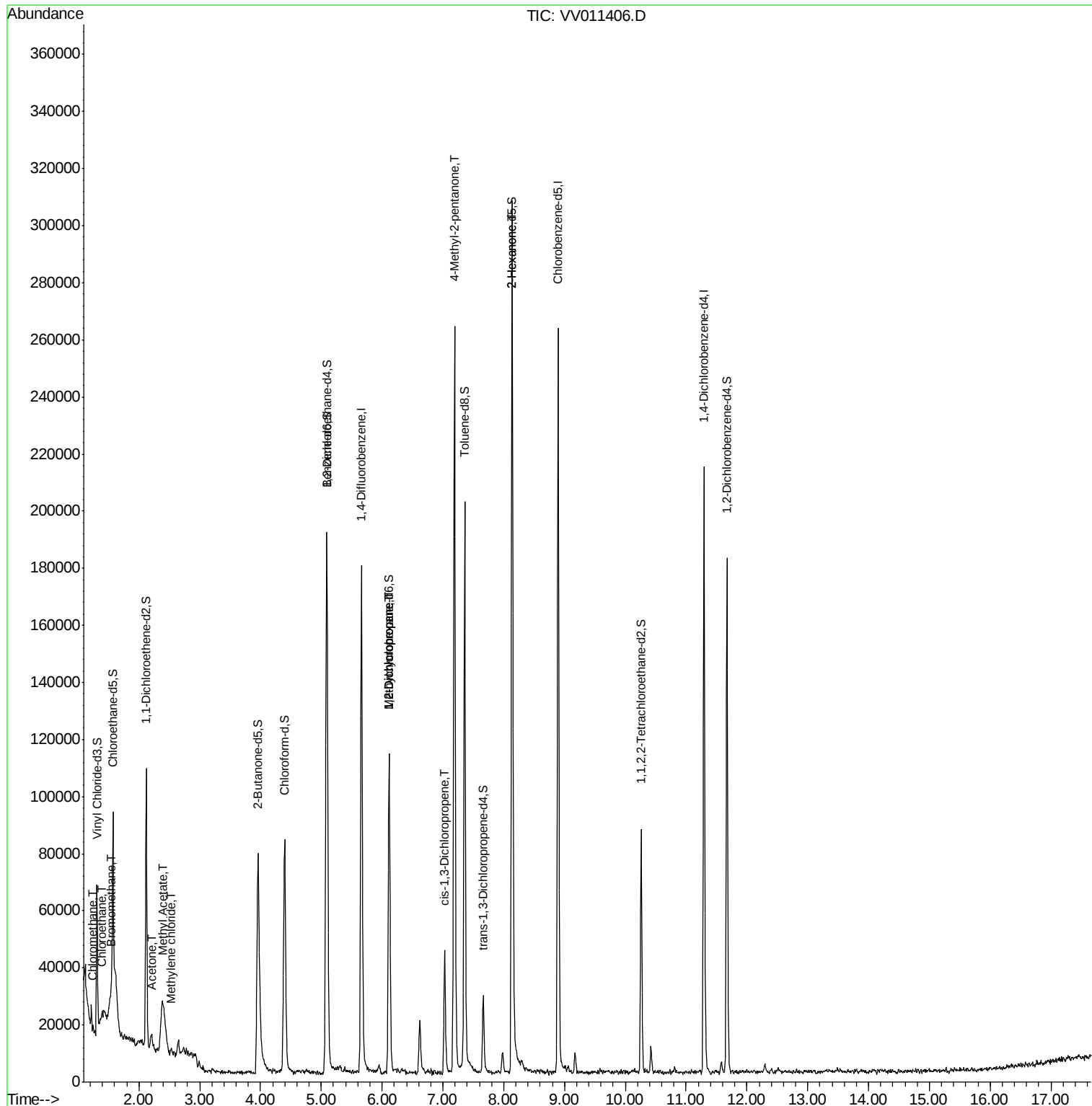
					Qvalue
3) Chloromethane	1.25	50	2336	0.173 ug/L	89
6) Bromomethane	1.53	94	1102	0.163 ug/L	88
8) Chloroethane	1.38	64	15438	1.857 ug/L #	56
13) Acetone	2.21	43	4135	2.556 ug/L	80
15) Methyl Acetate	2.39	43	8233	1.916 ug/L #	53
16) Methylene chloride	2.53	84	1024	0.112 ug/L	90
35) Methylcyclohexane	6.12	83	11755	0.663 ug/L #	16
37) 1,2-Dichloropropane	6.12	63	6084	0.589 ug/L #	88
39) cis-1,3-Dichloropropene	7.02	75	1234	0.082 ug/L #	59
40) 4-Methyl-2-pentanone	7.19	43	129791	19.723 ug/L #	48
48) 2-Hexanone	8.14	43	14532	3.166 ug/L #	73

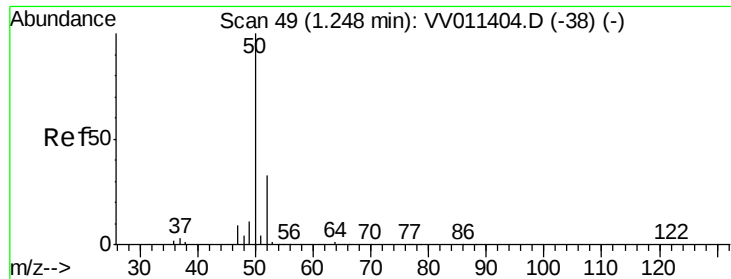
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.173 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV011406.D

Acq: 11 Jun 2019 23:10

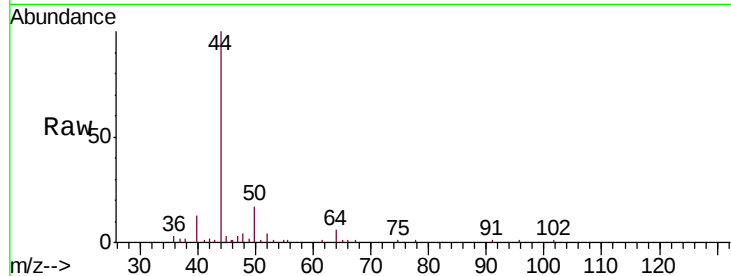
Instrument :
MSVOA_V
ClientSampleId :
C0JQ4

Tgt Ion: 50 Resp: 2336

Ion Ratio Lower Upper

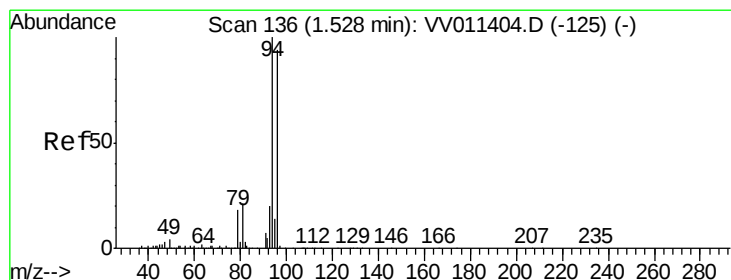
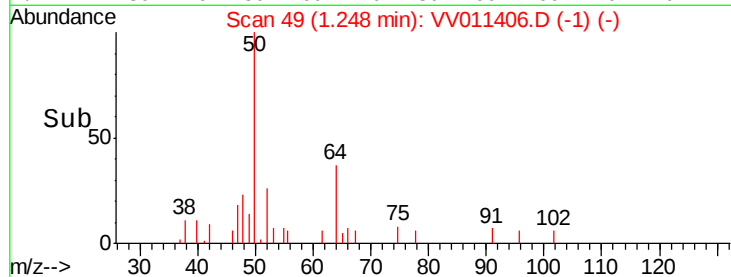
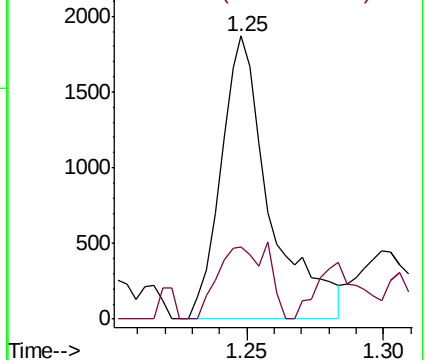
50 100

52 25.6 22.3 41.5



Abundance Ion 50.05 (49.75 to 50.75): VV011406.D (-38) (-)

Ion 52.05 (51.75 to 52.75): VV011406.D (-38) (-)



#6

Bromomethane

Concen: 0.163 ug/L

RT: 1.53 min Scan# 137

Delta R.T. 0.00 min

Lab File: VV011406.D

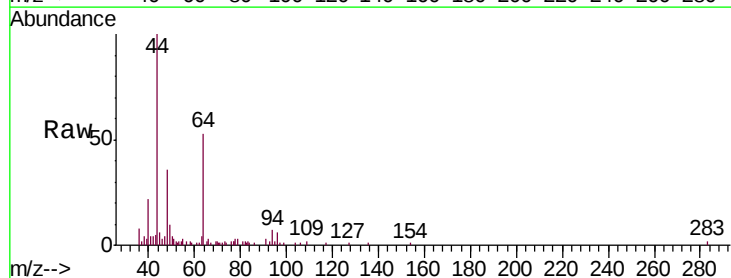
Acq: 11 Jun 2019 23:10

Tgt Ion: 94 Resp: 1102

Ion Ratio Lower Upper

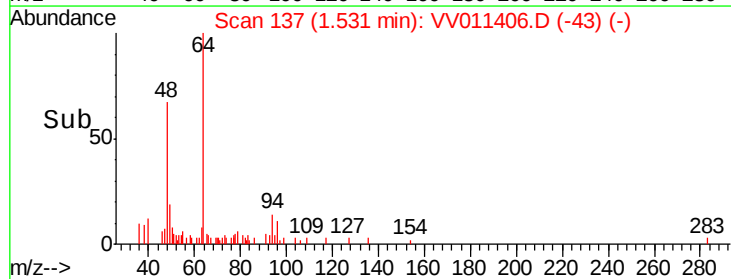
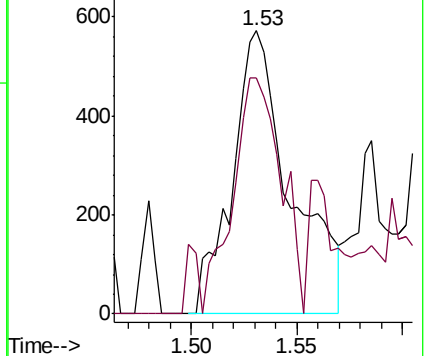
94 100

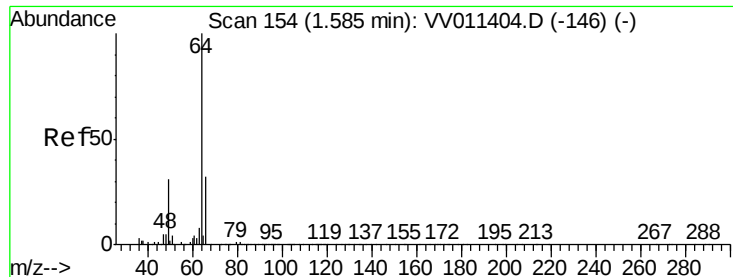
96 83.6 67.0 124.4



Abundance Ion 94.00 (93.70 to 94.70): VV011406.D (-125) (-)

Ion 96.00 (95.70 to 96.70): VV011406.D (-125) (-)





#8

Chloroethane

Concen: 1.857 ug/L

RT: 1.38 min Scan# 90

Delta R.T. -0.21 min

Lab File: VV011406.D

Acq: 11 Jun 2019 23:10

Instrument :

MSVOA_V

ClientSampleId :

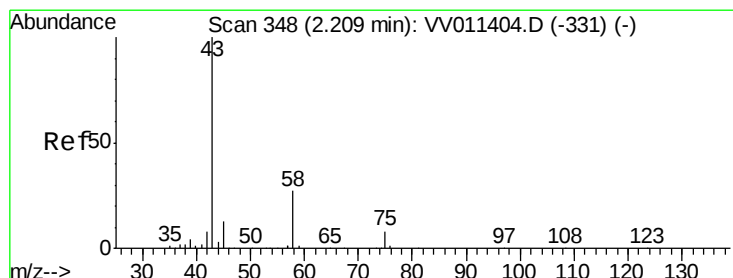
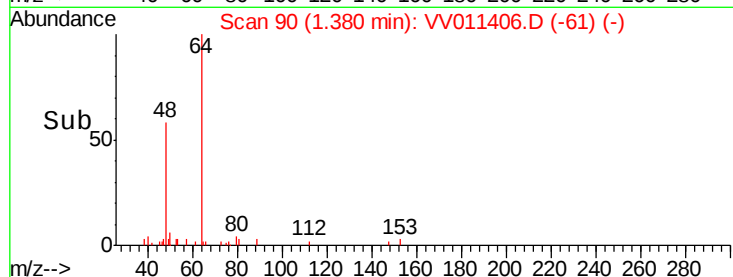
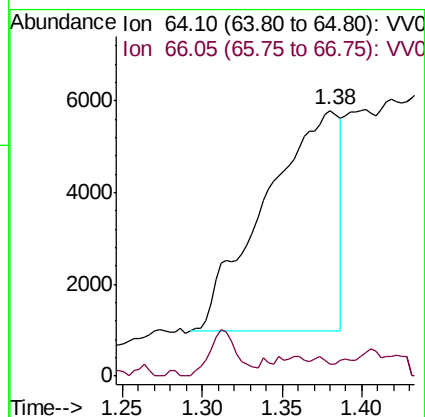
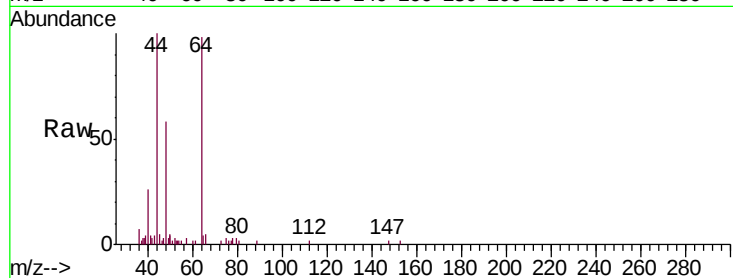
C0JQ4

Tgt Ion: 64 Resp: 15438

Ion Ratio Lower Upper

64 100

66 4.7 19.4 36.0#



#13

Acetone

Concen: 2.556 ug/L

RT: 2.21 min Scan# 348

Delta R.T. 0.00 min

Lab File: VV011406.D

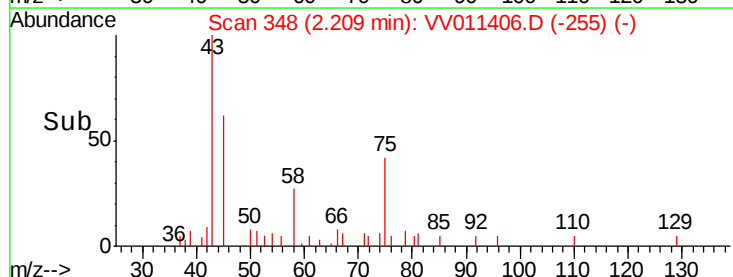
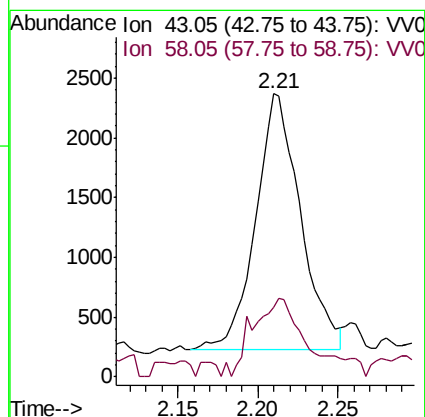
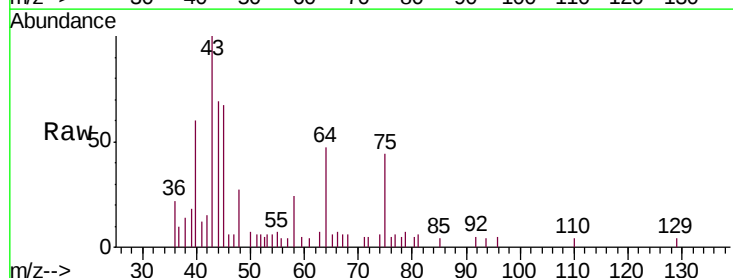
Acq: 11 Jun 2019 23:10

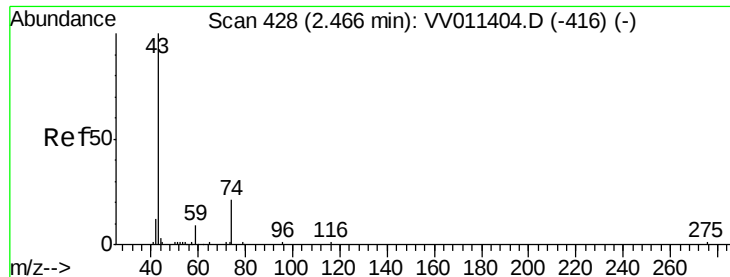
Tgt Ion: 43 Resp: 4135

Ion Ratio Lower Upper

43 100

58 38.2 0.0 55.2

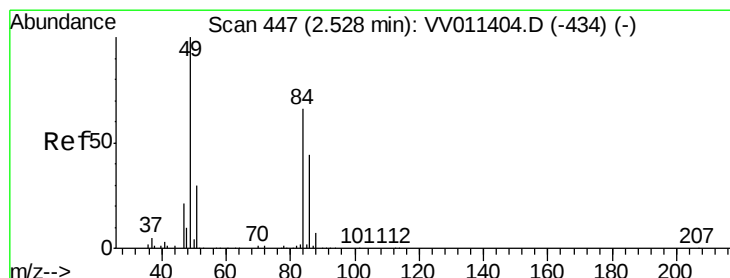
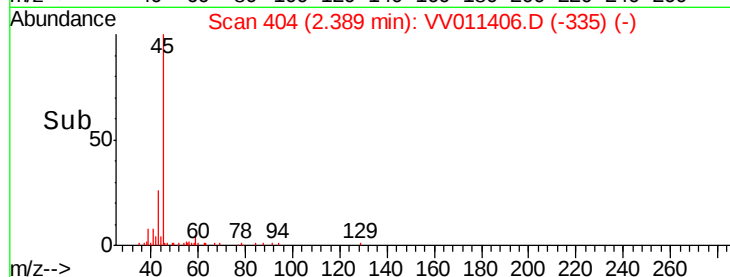
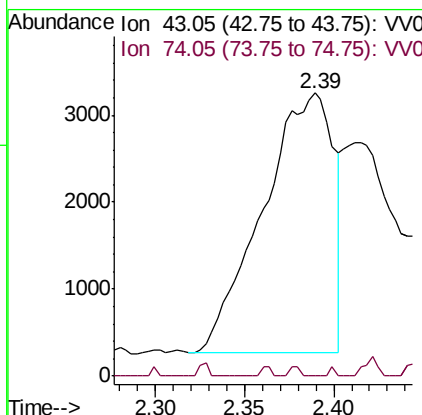
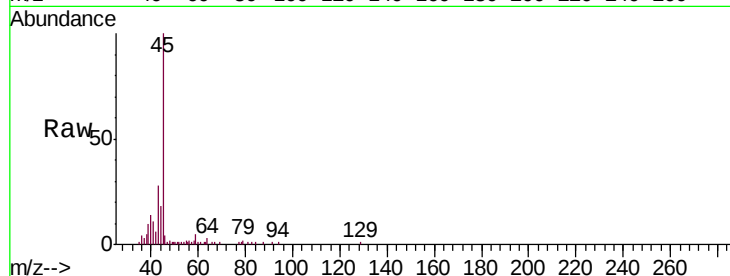




#15
Methyl Acetate
Concen: 1.916 ug/L
RT: 2.39 min Scan# 404
Delta R.T. -0.08 min
Lab File: VV011406.D
Acq: 11 Jun 2019 23:10

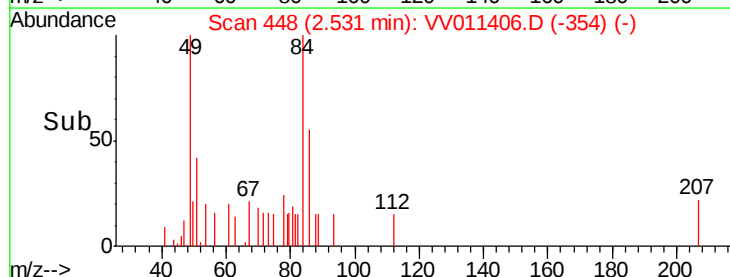
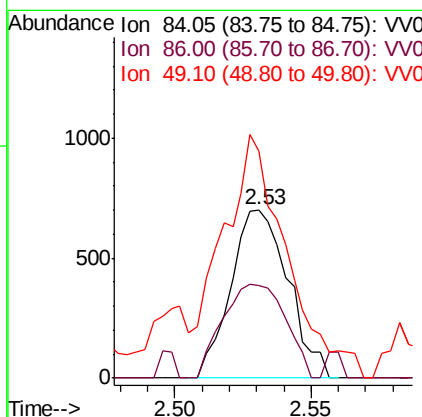
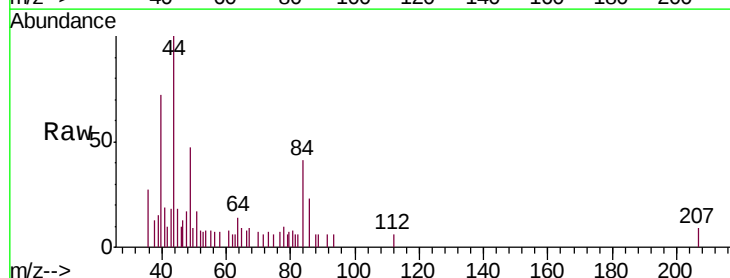
Instrument :
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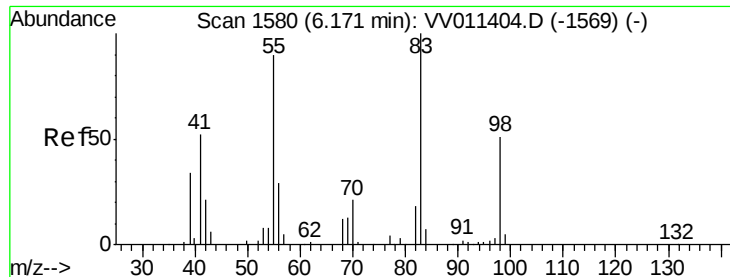
Tgt Ion: 43 Resp: 8233
Ion Ratio Lower Upper
43 100
74 0.3 18.5 27.7#



#16
Methylene chloride
Concen: 0.112 ug/L
RT: 2.53 min Scan# 448
Delta R.T. 0.00 min
Lab File: VV011406.D
Acq: 11 Jun 2019 23:10

Tgt Ion: 84 Resp: 1024
Ion Ratio Lower Upper
84 100
86 55.1 44.9 83.3
49 134.8 102.1 189.5

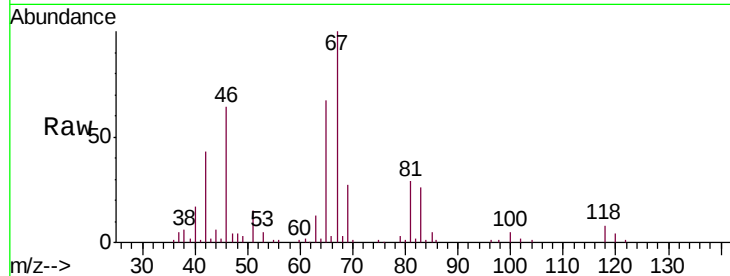




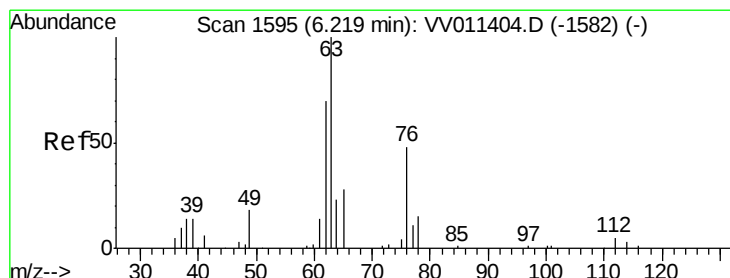
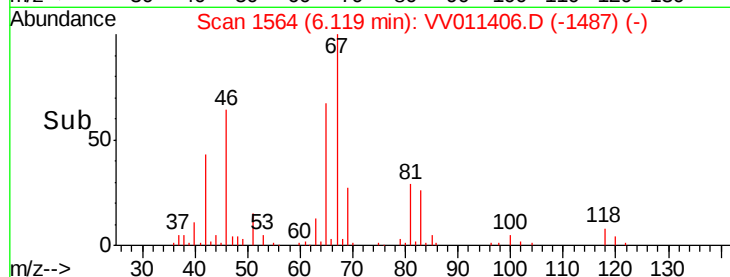
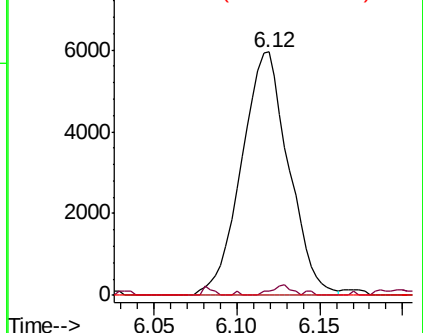
#35
Methylcyclohexane
Concen: 0.663 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV011406.D
Acq: 11 Jun 2019 23:10

Instrument :
MSVOA_V
ClientSampleId :
C0JQ4

Tgt Ion: 83 Resp: 11755
Ion Ratio Lower Upper
83 100
55 1.8 67.0 100.6#
98 0.0 40.0 60.0#

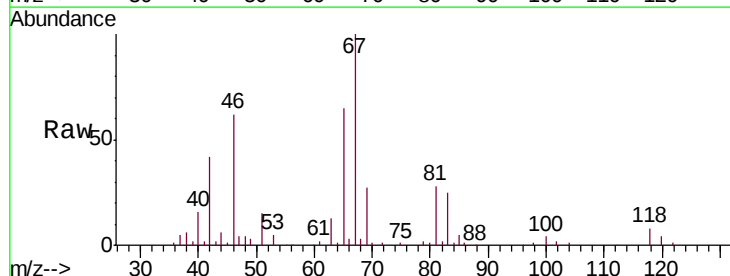


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

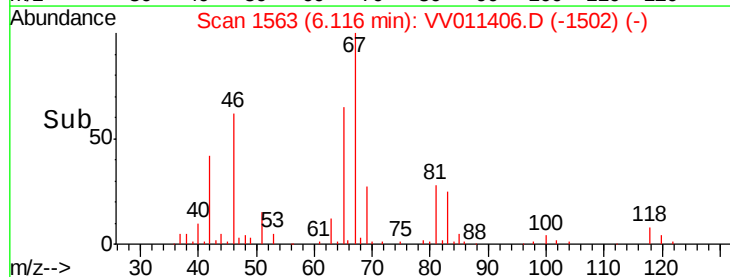
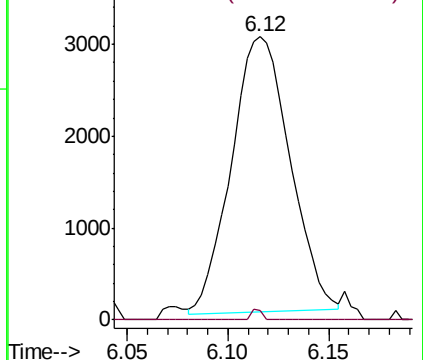


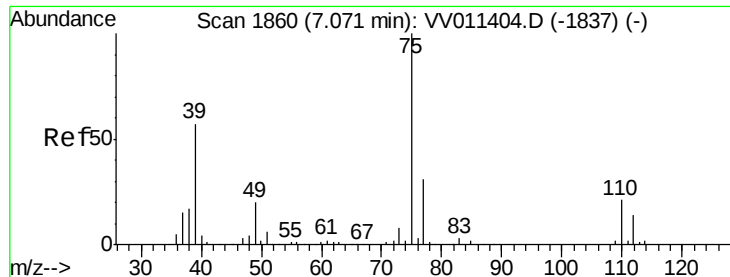
#37
1,2-Dichloropropane
Concen: 0.589 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011406.D
Acq: 11 Jun 2019 23:10

Tgt Ion: 63 Resp: 6084
Ion Ratio Lower Upper
63 100
112 0.7 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V



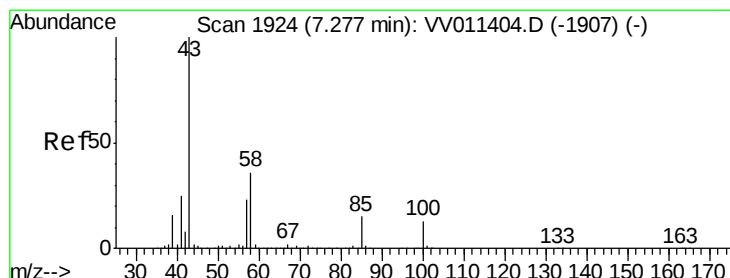
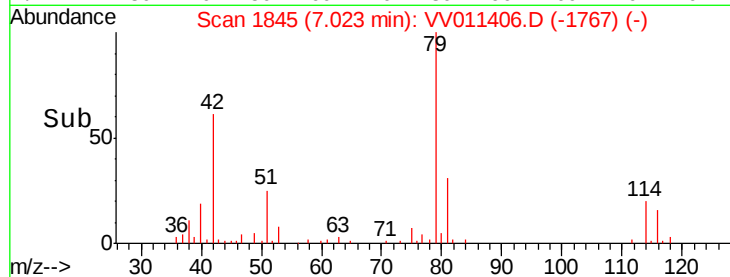
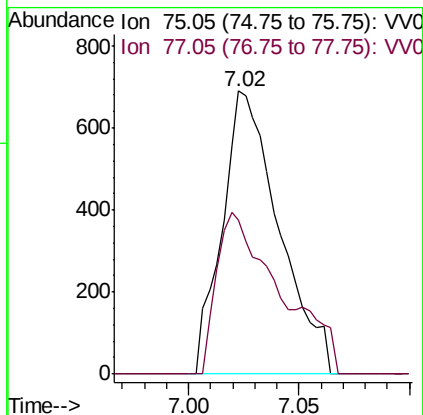
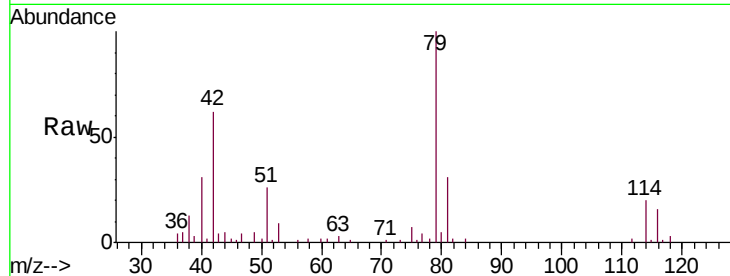


#39

cis-1,3-Dichloropropene
 Concen: 0.082 ug/L
 RT: 7.02 min Scan# 1845
 Delta R.T. -0.05 min
 Lab File: VV011406.D
 Acq: 11 Jun 2019 23:10

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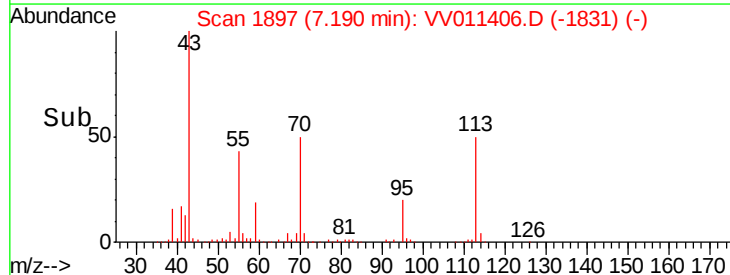
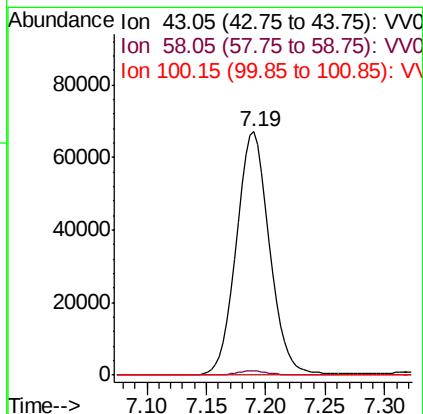
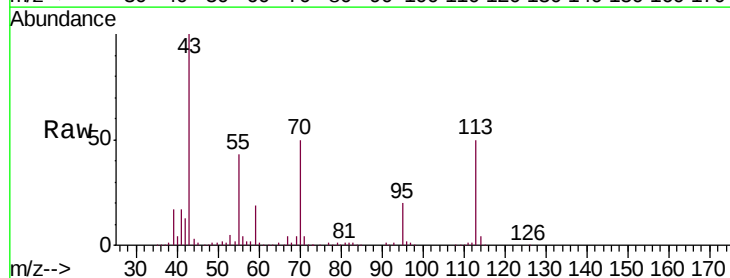
Tgt Ion: 75 Resp: 1234
 Ion Ratio Lower Upper
 75 100
 77 54.5 22.2 41.2#

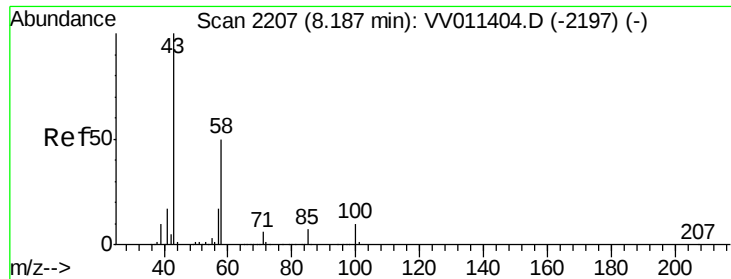


#40

4-Methyl-2-pentanone
 Concen: 19.723 ug/L
 RT: 7.19 min Scan# 1897
 Delta R.T. -0.09 min
 Lab File: VV011406.D
 Acq: 11 Jun 2019 23:10

Tgt Ion: 43 Resp: 129791
 Ion Ratio Lower Upper
 43 100
 58 1.8 29.3 43.9#
 100 0.0 10.6 16.0#





#48

2-Hexanone

Concen: 3.166 ug/L

RT: 8.14 min Scan# 2192

Delta R.T. -0.05 min

Lab File: VV011406.D

Acq: 11 Jun 2019 23:10

Instrument :
MSVOA_V
ClientSampleId :
C0JQ4

Tgt Ion: 43 Resp: 14532

Ion Ratio Lower Upper

43 100

58 29.0 41.4 62.0#

57 23.6 15.0 22.4#

100 0.3 9.0 13.4#

