

Data File : VV011440.D
Acq On : 13 Jun 2019 00:51
Operator : SY/MD
Sample : K3310-14
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COM13

Quant Time: Jun 13 02:38:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 13 02:32:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	135396	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	124154	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	48960	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	32627	3.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.60%
7) Chloroethane-d5	1.58	69	27697	3.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	65.00%
11) 1,1-Dichloroethene-d2	2.12	63	60943	2.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.40%#
20) 2-Butanone-d5	3.97	46	117846	51.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.04%
24) Chloroform-d	4.40	84	82705	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.08	65	46624	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.09	84	158435	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
36) 1,2-Dichloropropane-d6	6.12	67	51634	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.20%
41) Toluene-d8	7.36	98	137288	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
43) trans-1,3-Dichloropropene-	7.66	79	13339	3.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	61.20%
46) 2-Hexanone-d5	8.14	63	87258	47.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.72%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	35232	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	51432	5.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.40%

Target Compounds

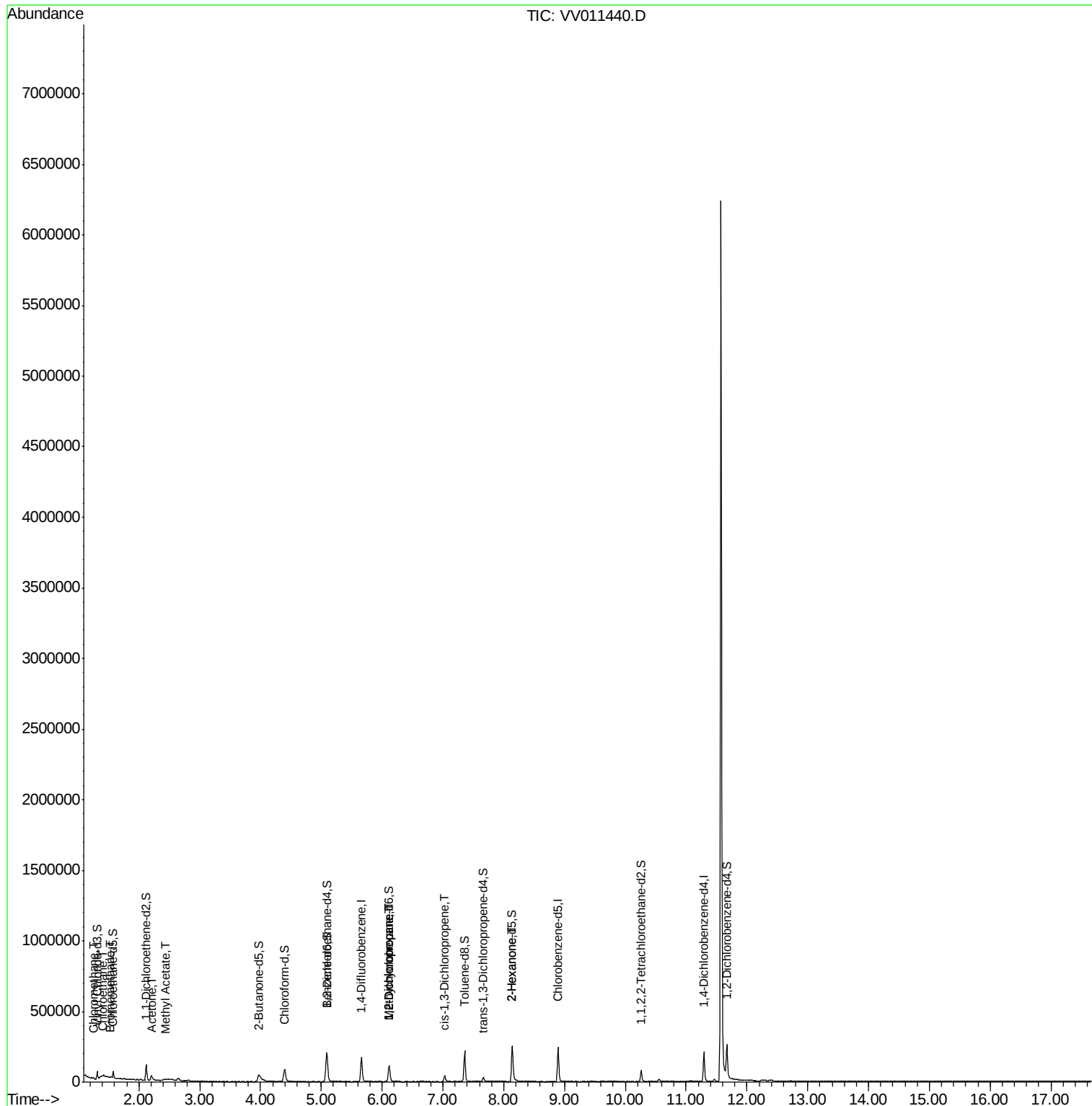
						Qvalue
3) Chloromethane	1.25	50	4609	0.357	ug/L	93
6) Bromomethane	1.53	94	2476	0.382	ug/L	98
8) Chloroethane	1.40	64	61758	7.758	ug/L #	58
13) Acetone	2.23	43	5841	3.772	ug/L	90
15) Methyl Acetate	2.44	43	6446	1.567	ug/L #	54
35) Methylcyclohexane	6.11	83	12170	0.721	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	6607	0.672	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	1437	0.100	ug/L #	17
48) 2-Hexanone	8.14	43	12553	2.875	ug/L #	71

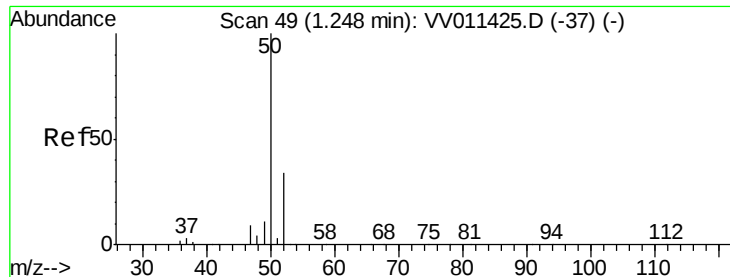
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.357 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

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Acq: 13 Jun 2019 00:51

Instrument :

MSVOA_V

ClientSampleId :

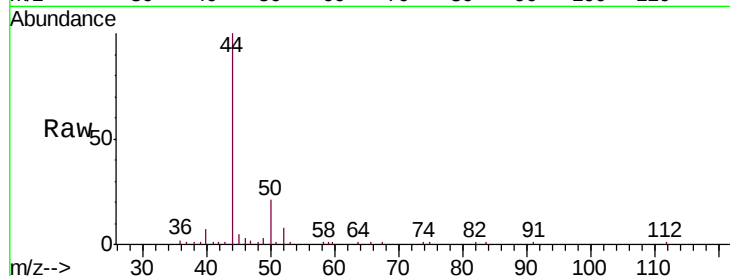
COM13

Tgt Ion: 50 Resp: 4609

Ion Ratio Lower Upper

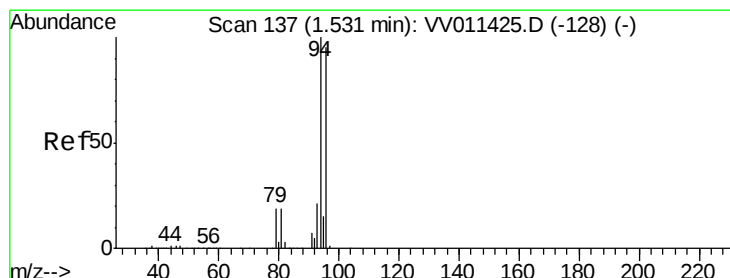
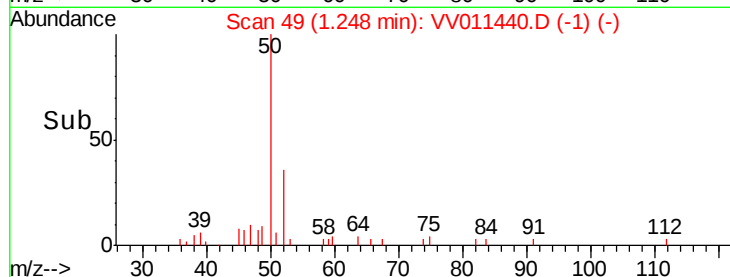
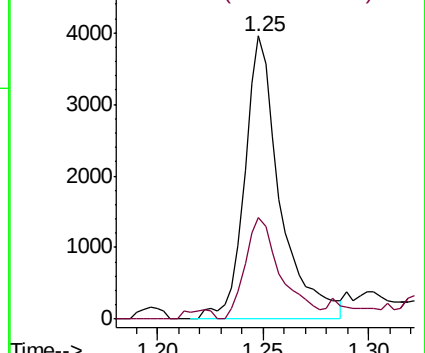
50 100

52 36.1 22.3 41.5



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#6

Bromomethane

Concen: 0.382 ug/L

RT: 1.53 min Scan# 138

Delta R.T. 0.00 min

Lab File: VV011440.D

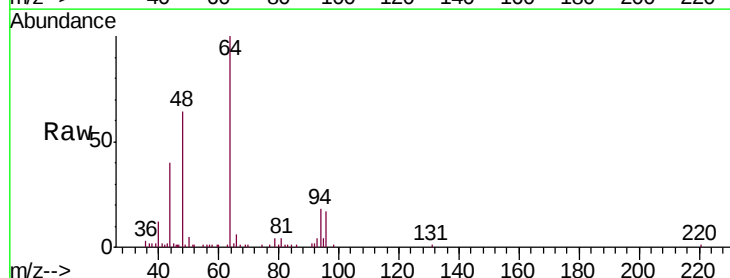
Acq: 13 Jun 2019 00:51

Tgt Ion: 94 Resp: 2476

Ion Ratio Lower Upper

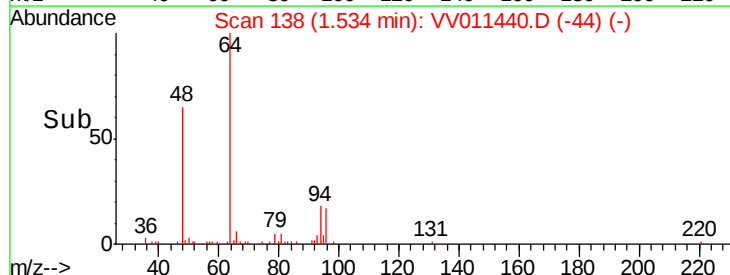
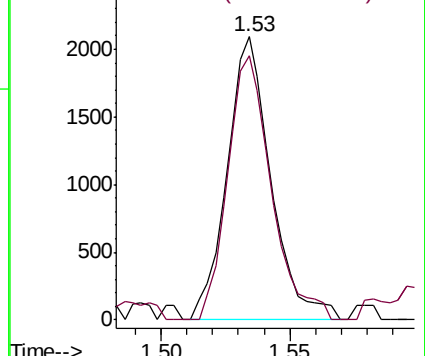
94 100

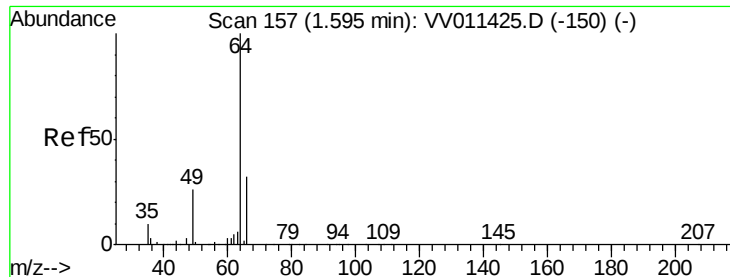
96 93.5 67.0 124.4



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0





#8

Chloroethane

Concen: 7.758 ug/L

RT: 1.40 min Scan# 97

Delta R.T. -0.19 min

Lab File: VV011440.D

Acq: 13 Jun 2019 00:51

Instrument :

MSVOA_V

ClientSampleId :

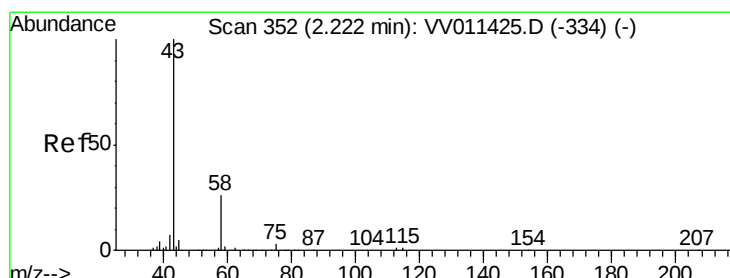
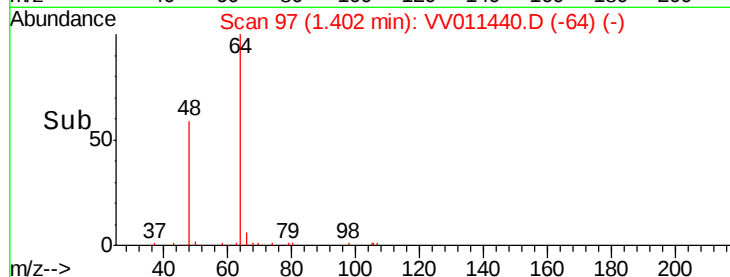
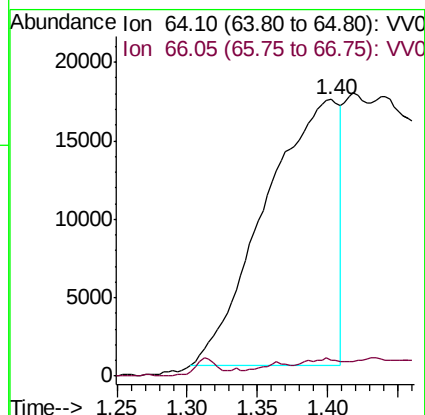
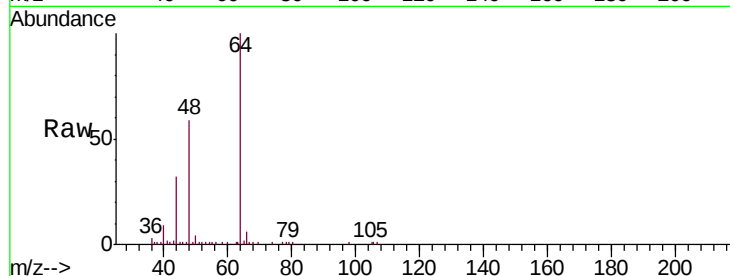
COM13

Tgt Ion: 64 Resp: 61758

Ion Ratio Lower Upper

64 100

66 5.9 19.4 36.0#



#13

Acetone

Concen: 3.772 ug/L

RT: 2.23 min Scan# 353

Delta R.T. 0.00 min

Lab File: VV011440.D

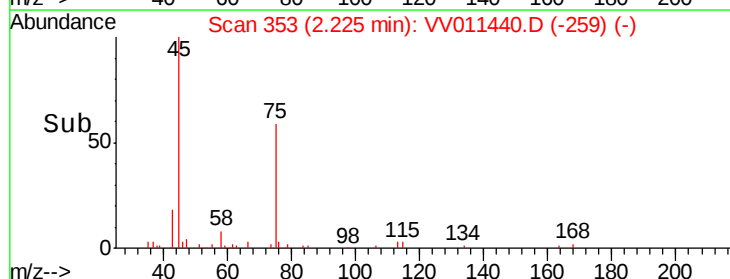
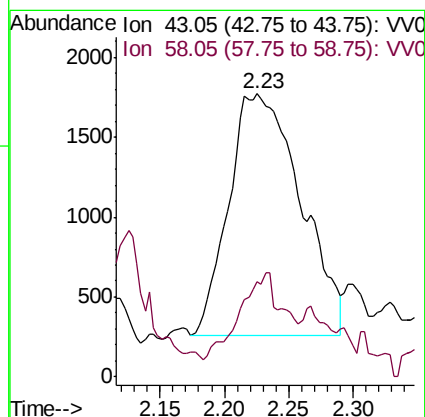
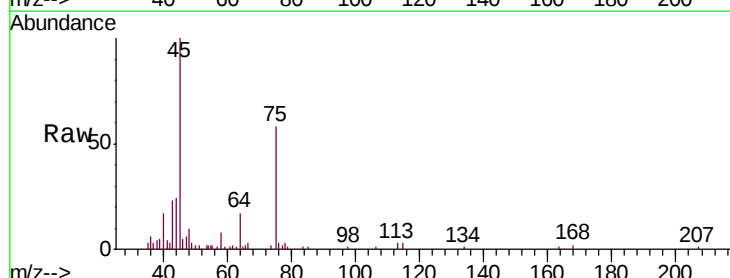
Acq: 13 Jun 2019 00:51

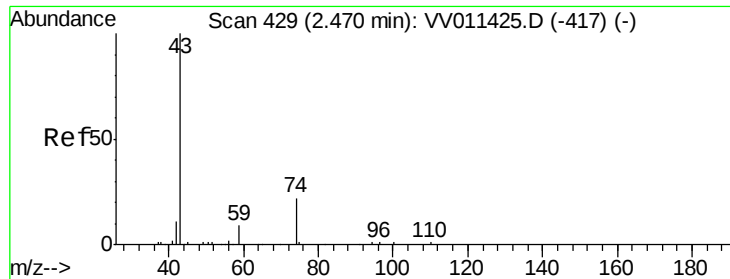
Tgt Ion: 43 Resp: 5841

Ion Ratio Lower Upper

43 100

58 22.1 0.0 55.2

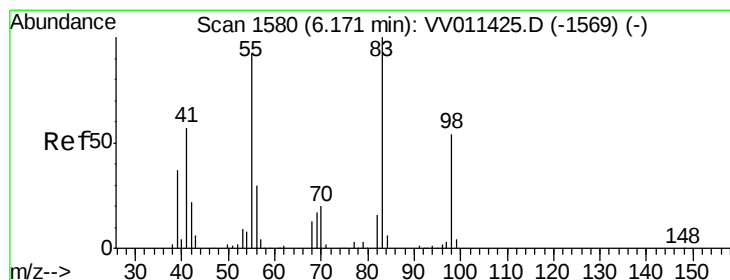
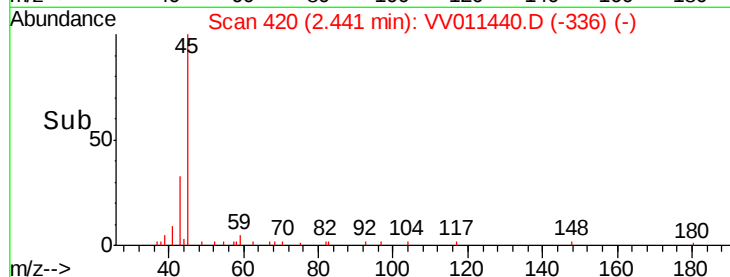
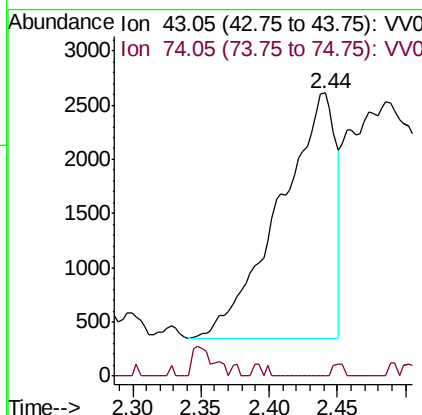
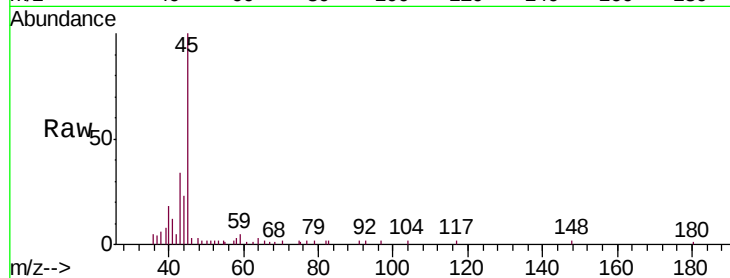




#15
Methyl Acetate
Concen: 1.567 ug/L
RT: 2.44 min Scan# 420
Delta R.T. -0.03 min
Lab File: VV011440.D
Acq: 13 Jun 2019 00:51

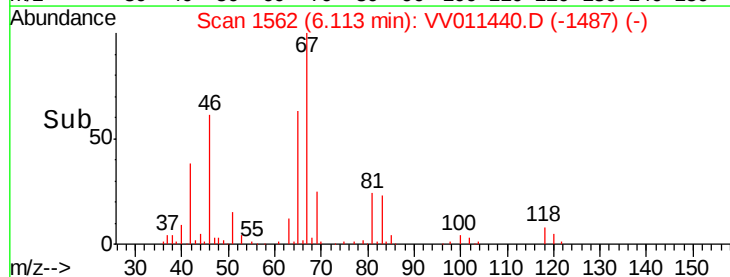
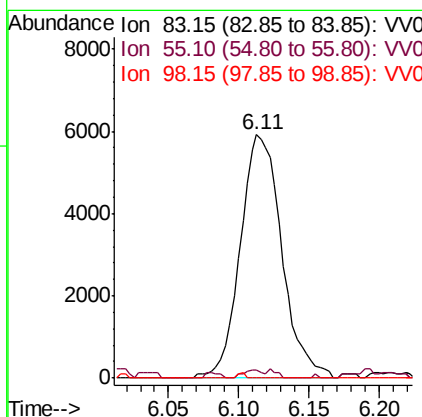
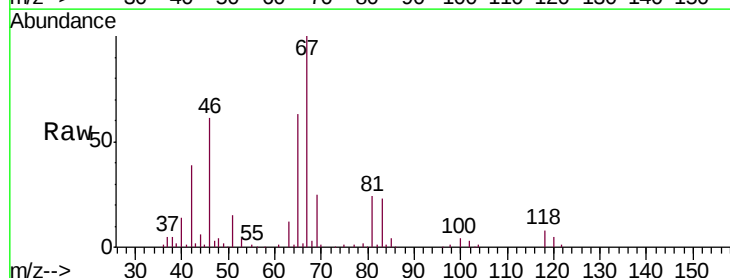
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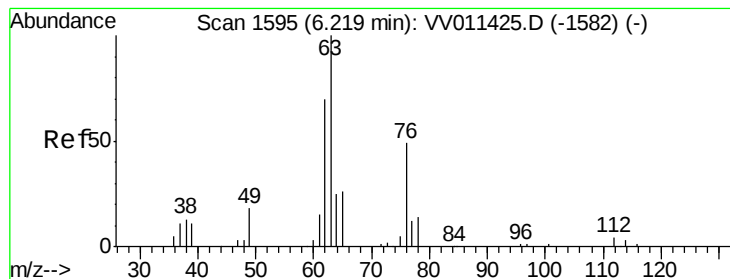
Tgt Ion: 43 Resp: 6446
Ion Ratio Lower Upper
43 100
74 1.0 18.5 27.7#



#35
Methylcyclohexane
Concen: 0.721 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV011440.D
Acq: 13 Jun 2019 00:51

Tgt Ion: 83 Resp: 12170
Ion Ratio Lower Upper
83 100
55 1.6 67.0 100.6#
98 0.4 40.0 60.0#





#37

1,2-Dichloropropane

Concen: 0.672 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV011440.D

Acq: 13 Jun 2019 00:51

Instrument :

MSVOA_V

ClientSampleId :

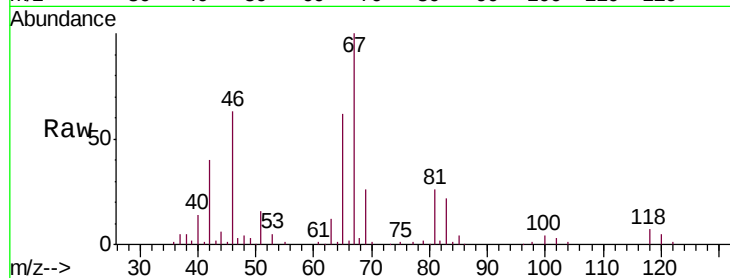
COM13

Tgt Ion: 63 Resp: 6607

Ion Ratio Lower Upper

63 100

112 0.3 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV011440.D (-1502) (-)

Ion 112.10 (111.80 to 112.80): VV011440.D (-1502) (-)

6.12

3000

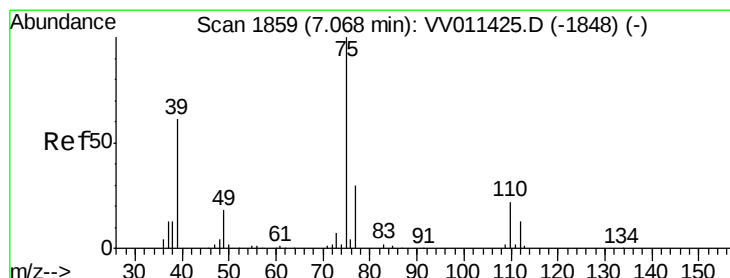
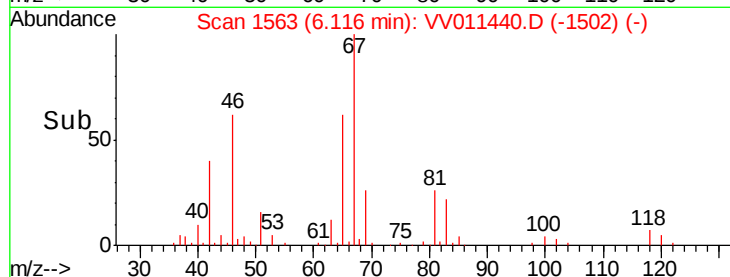
2000

1000

0

6.05 6.10 6.15 6.20

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.100 ug/L

RT: 7.03 min Scan# 1847

Delta R.T. -0.04 min

Lab File: VV011440.D

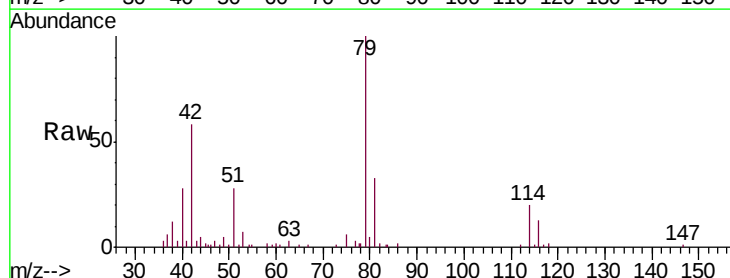
Acq: 13 Jun 2019 00:51

Tgt Ion: 75 Resp: 1437

Ion Ratio Lower Upper

75 100

77 77.6 22.2 41.2#



Abundance Ion 75.05 (74.75 to 75.75): VV011440.D (-1766) (-)

Ion 77.05 (76.75 to 77.75): VV011440.D (-1766) (-)

7.03

800

600

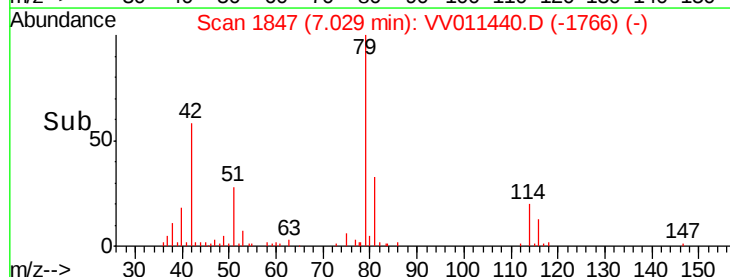
400

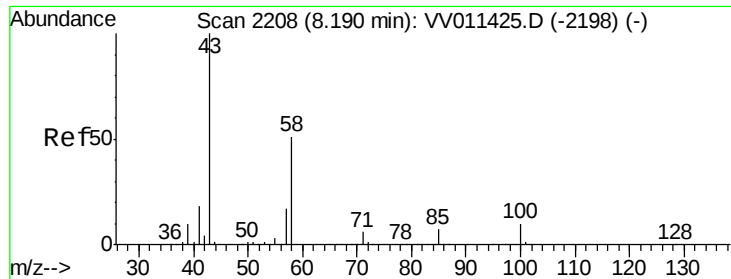
200

0

7.00 7.05

Time-->





#48
 2-Hexanone
 Concen: 2.875 ug/L
 RT: 8.14 min Scan# 2192
 Delta R.T. -0.05 min
 Lab File: VV011440.D
 Acq: 13 Jun 2019 00:51

Instrument :
 MSVOA_V
 ClientSampleId :
 COM13

Tgt Ion: 43 Resp: 12553
 Ion Ratio Lower Upper
 43 100
 58 26.8 41.4 62.0#
 57 25.0 15.0 22.4#
 100 1.4 9.0 13.4#

