

Data File : VV011439.D
Acq On : 13 Jun 2019 00:21
Operator : SY/MD
Sample : K3310-13
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COM12

Quant Time: Jun 13 02:38:20 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	144176	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	131116	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	48758	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	34104	3.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.40%
7) Chloroethane-d5	1.58	69	28083	3.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	61.80%#
11) 1,1-Dichloroethene-d2	2.12	63	61539	2.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.40%#
20) 2-Butanone-d5	3.97	46	118888	48.34	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.68%
24) Chloroform-d	4.40	84	82877	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
26) 1,2-Dichloroethane-d4	5.08	65	48408	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
32) Benzene-d6	5.09	84	160969	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.00%
36) 1,2-Dichloropropane-d6	6.12	67	51709	4.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.60%
41) Toluene-d8	7.36	98	140417	3.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.00%
43) trans-1,3-Dichloropropene-	7.67	79	13759	2.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	59.80%
46) 2-Hexanone-d5	8.14	63	84603	43.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.96%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	36264	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	44473	4.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.40%

Target Compounds

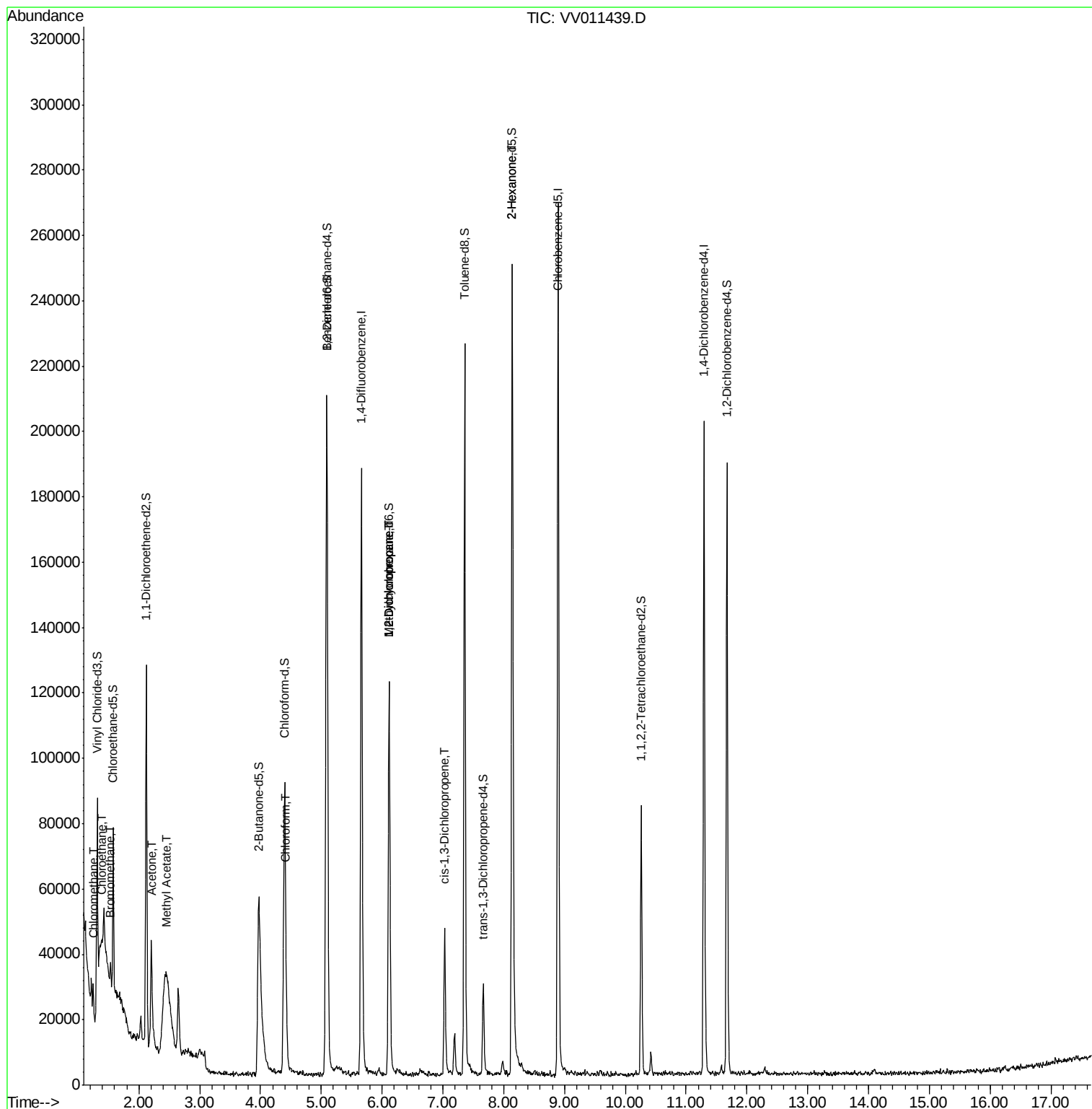
					Qvalue
3) Chloromethane	1.25	50	5641	0.410 ug/L	97
6) Bromomethane	1.53	94	2584	0.374 ug/L	96
8) Chloroethane	1.40	64	65901	7.775 ug/L #	58
13) Acetone	2.21	43	2492	1.511 ug/L	66
15) Methyl Acetate	2.45	43	15387	3.513 ug/L #	57
25) Chloroform	4.42	83	5867	0.283 ug/L	90
35) Methylcyclohexane	6.12	83	12657	0.710 ug/L #	16
37) 1,2-Dichloropropane	6.11	63	6536	0.629 ug/L #	88
39) cis-1,3-Dichloropropene	7.04	75	1295	0.085 ug/L #	73
48) 2-Hexanone	8.14	43	12483	2.707 ug/L #	70

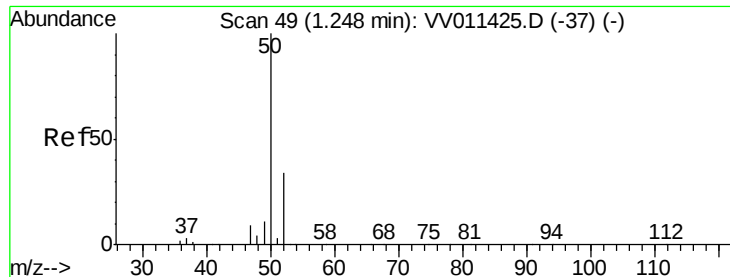
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.410 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

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Acq: 13 Jun 2019 00:21

Instrument :

MSVOA_V

ClientSampleId :

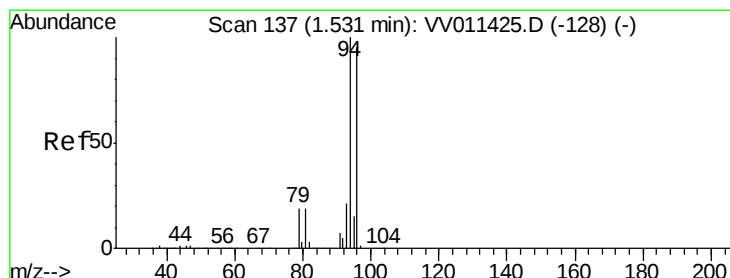
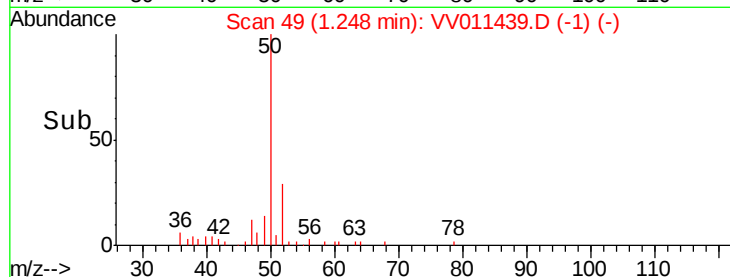
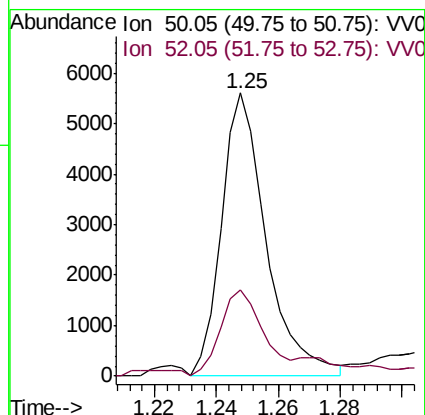
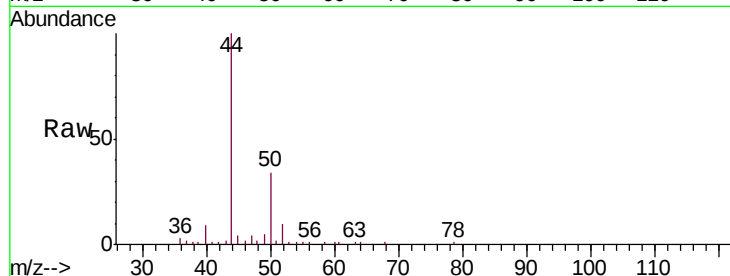
COM12

Tgt Ion: 50 Resp: 5641

Ion Ratio Lower Upper

50 100

52 30.3 22.3 41.5



#6

Bromomethane

Concen: 0.374 ug/L

RT: 1.53 min Scan# 138

Delta R.T. 0.00 min

Lab File: VV011439.D

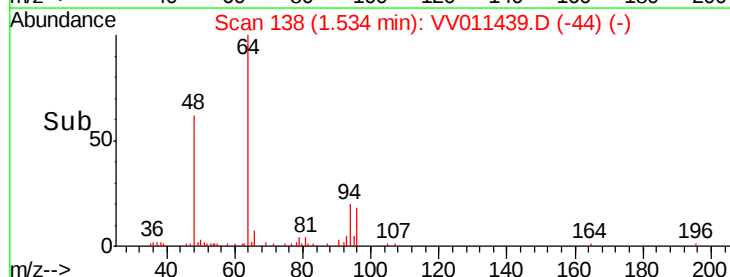
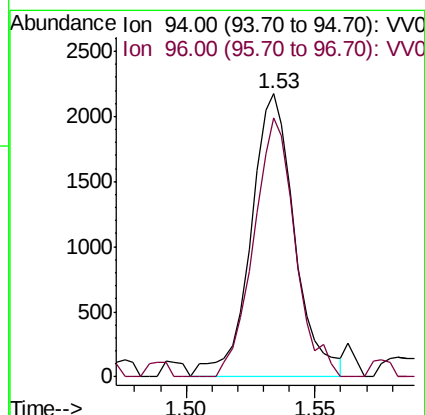
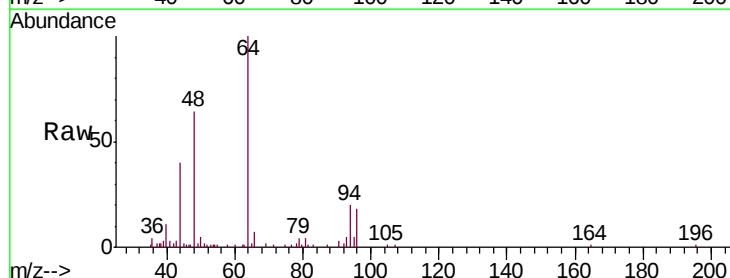
Acq: 13 Jun 2019 00:21

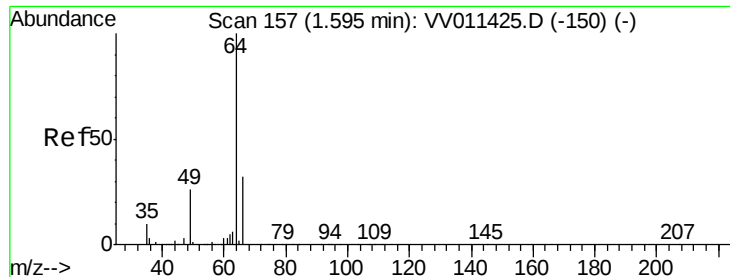
Tgt Ion: 94 Resp: 2584

Ion Ratio Lower Upper

94 100

96 91.4 67.0 124.4





#8

Chloroethane

Concen: 7.775 ug/L

RT: 1.40 min Scan# 96

Delta R.T. -0.20 min

Lab File: VV011439.D

Acq: 13 Jun 2019 00:21

Instrument :

MSVOA_V

ClientSampleId :

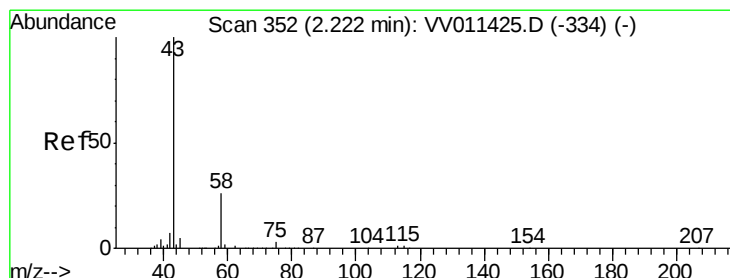
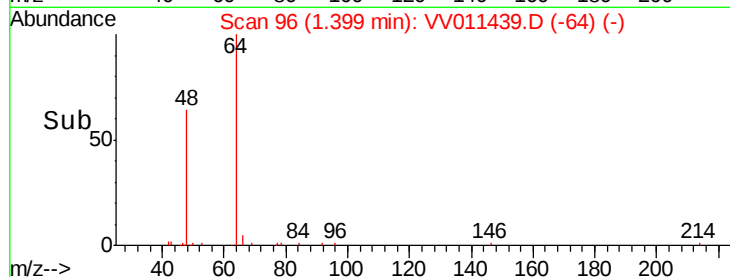
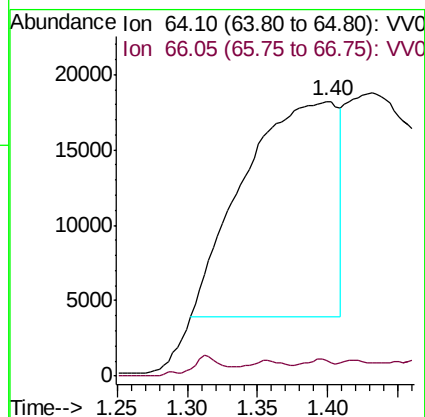
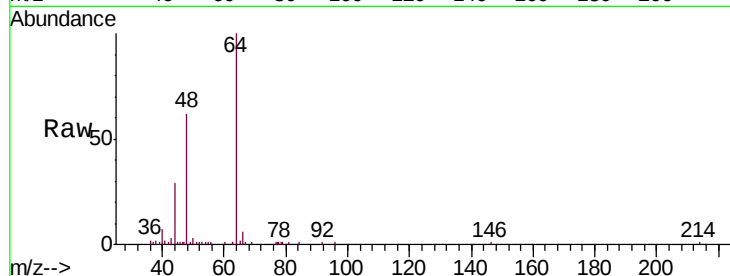
COM12

Tgt Ion: 64 Resp: 65901

Ion Ratio Lower Upper

64 100

66 5.6 19.4 36.0#



#13

Acetone

Concen: 1.511 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.01 min

Lab File: VV011439.D

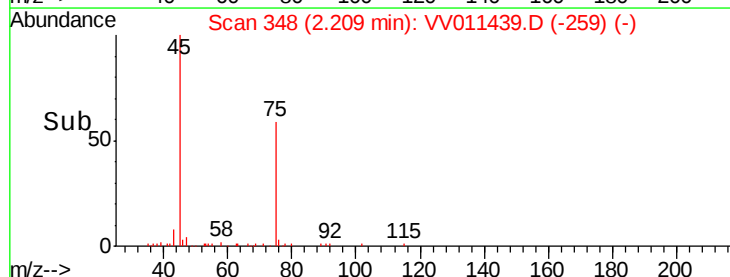
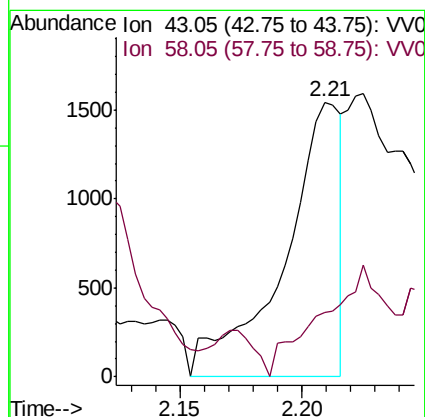
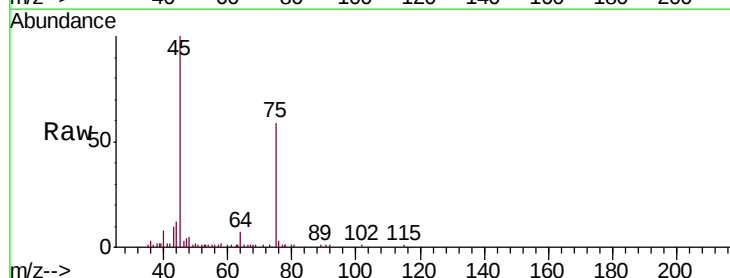
Acq: 13 Jun 2019 00:21

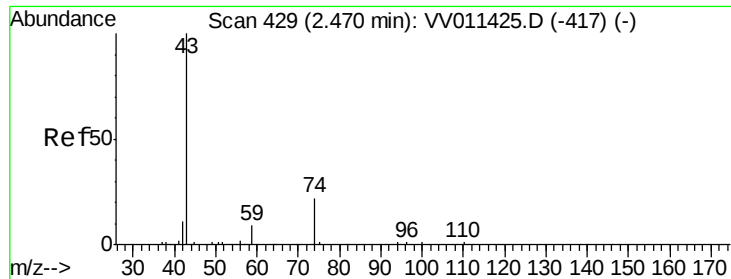
Tgt Ion: 43 Resp: 2492

Ion Ratio Lower Upper

43 100

58 45.3 0.0 55.2

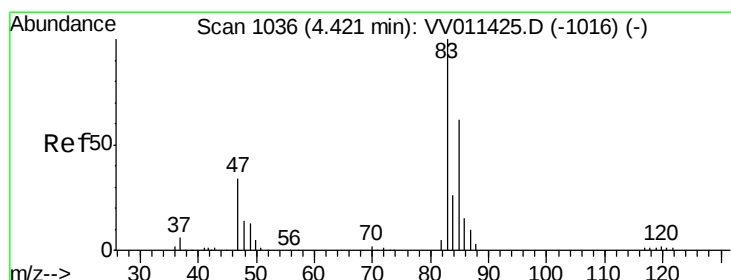
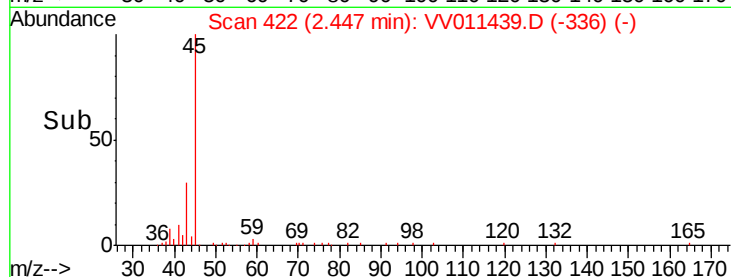
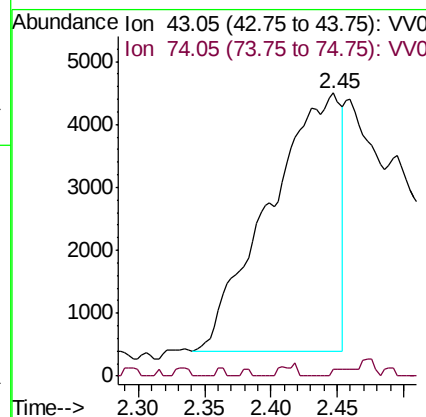
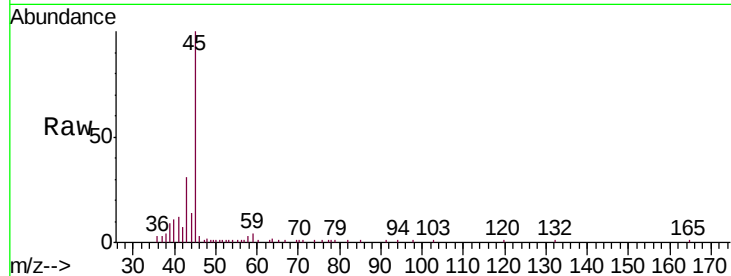




#15
Methyl Acetate
Concen: 3.513 ug/L
RT: 2.45 min Scan# 422
Delta R.T. -0.02 min
Lab File: VV011439.D
Acq: 13 Jun 2019 00:21

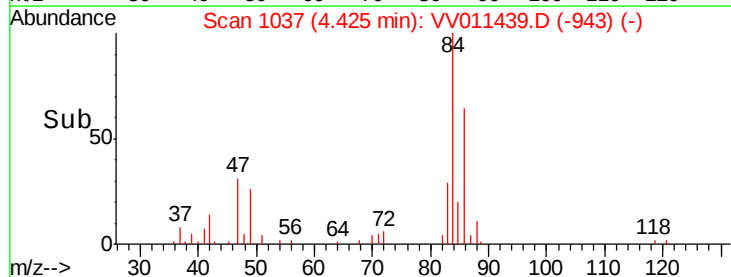
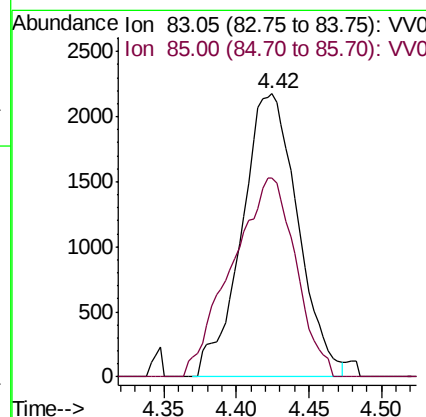
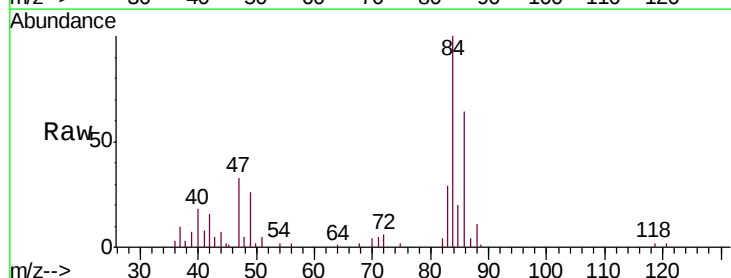
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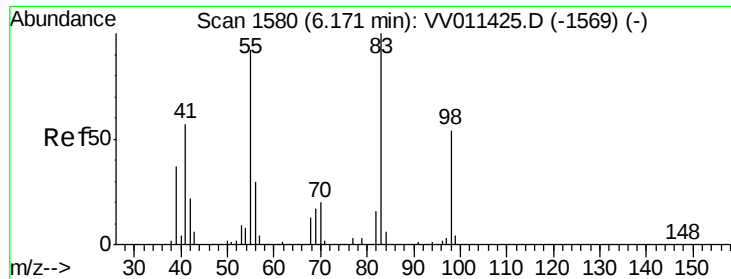
Tgt Ion: 43 Resp: 15387
Ion Ratio Lower Upper
43 100
74 2.1 18.5 27.7#



#25
Chloroform
Concen: 0.283 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV011439.D
Acq: 13 Jun 2019 00:21

Tgt Ion: 83 Resp: 5867
Ion Ratio Lower Upper
83 100
85 70.4 44.1 81.9





#35

Methylcyclohexane

Concen: 0.710 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV011439.D

Acq: 13 Jun 2019 00:21

Instrument :

MSVOA_V

ClientSampleId :

COM12

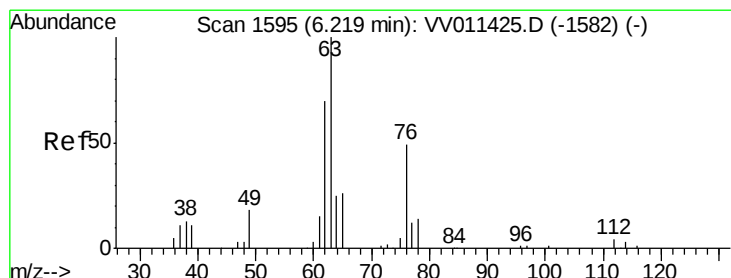
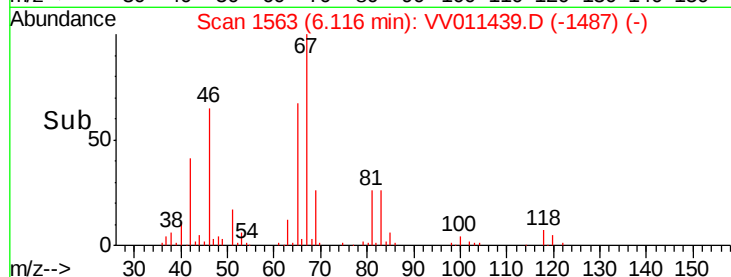
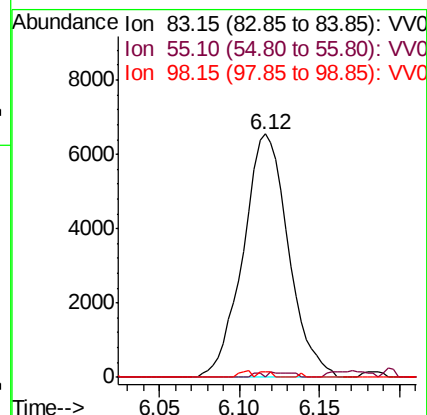
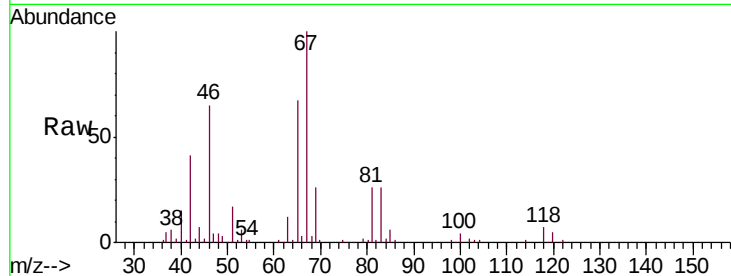
Tgt Ion: 83 Resp: 12657

Ion Ratio Lower Upper

83 100

55 1.1 67.0 100.6#

98 0.7 40.0 60.0#



#37

1,2-Dichloropropane

Concen: 0.629 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.11 min

Lab File: VV011439.D

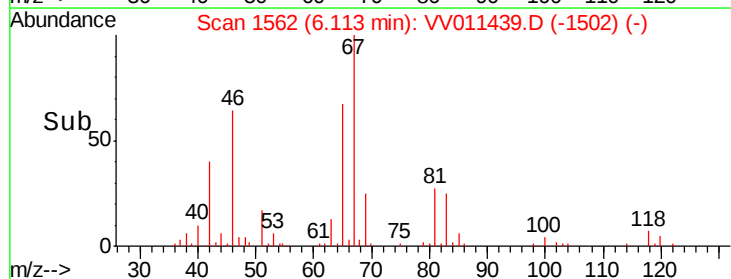
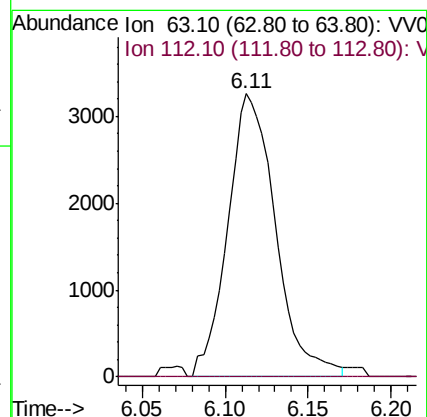
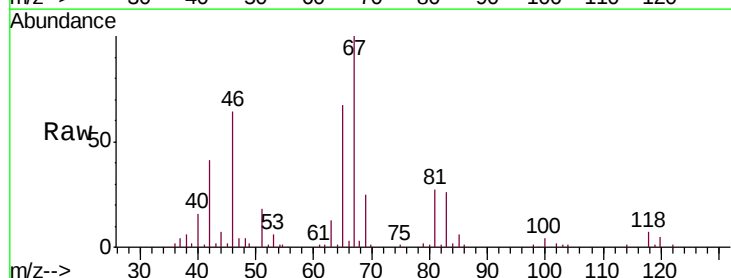
Acq: 13 Jun 2019 00:21

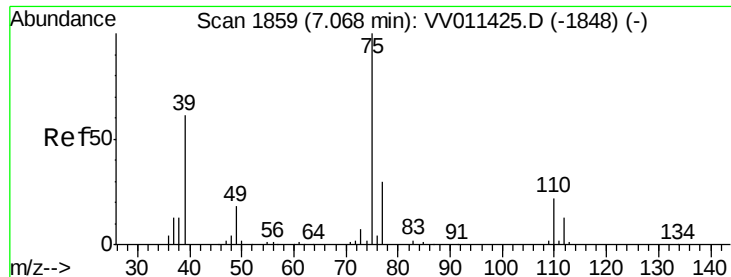
Tgt Ion: 63 Resp: 6536

Ion Ratio Lower Upper

63 100

112 0.6 3.6 5.4#





#39

cis-1,3-Dichloropropene

Concen: 0.085 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.03 min

Lab File: VV011439.D

Acq: 13 Jun 2019 00:21

Instrument :

MSVOA_V

ClientSampleId :

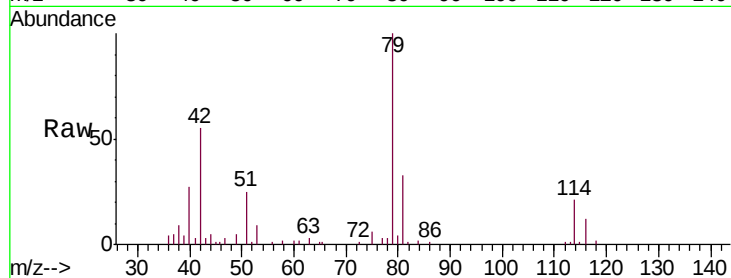
COM12

Tgt Ion: 75 Resp: 1295

Ion Ratio Lower Upper

75 100

77 46.7 22.2 41.2#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.04

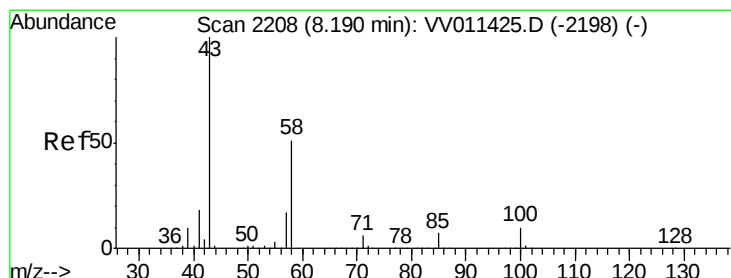
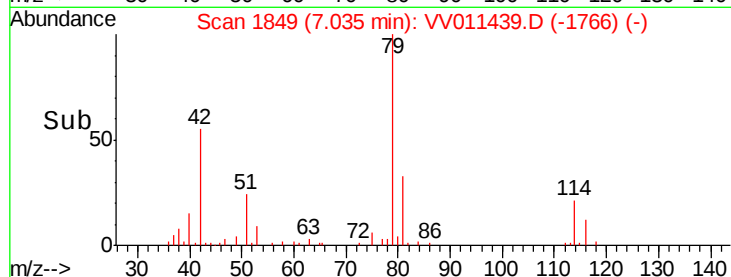
600

400

200

0

Time-->



#48

2-Hexanone

Concen: 2.707 ug/L

RT: 8.14 min Scan# 2192

Delta R.T. -0.05 min

Lab File: VV011439.D

Acq: 13 Jun 2019 00:21

Tgt Ion: 43 Resp: 12483

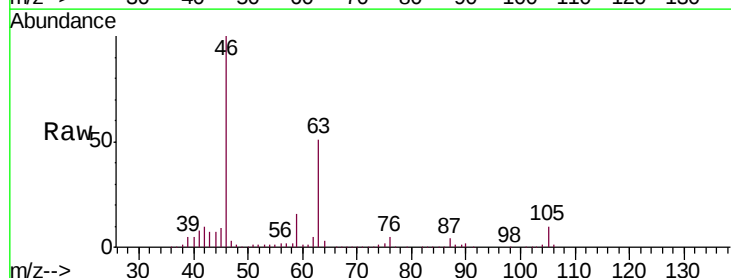
Ion Ratio Lower Upper

43 100

58 27.6 41.4 62.0#

57 27.5 15.0 22.4#

100 0.8 9.0 13.4#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

8.14

6000

4000

2000

0

Time-->

