

Data File : VV011437.D
Acq On : 12 Jun 2019 23:20
Operator : SY/MD
Sample : K3310-10
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COM05

Quant Time: Jun 13 02:38:04 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	140831	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	124700	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	45449	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	33024	3.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.80%
7) Chloroethane-d5	1.58	69	28498	3.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	64.20%#
11) 1,1-Dichloroethene-d2	2.12	63	59513	2.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.80%#
20) 2-Butanone-d5	3.97	46	114259	47.56	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.12%
24) Chloroform-d	4.40	84	81115	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
26) 1,2-Dichloroethane-d4	5.08	65	47082	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	5.09	84	157412	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
36) 1,2-Dichloropropane-d6	6.12	67	49533	4.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.20%
41) Toluene-d8	7.36	98	134191	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.40%
43) trans-1,3-Dichloropropene-	7.66	79	13324	3.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	60.80%
46) 2-Hexanone-d5	8.14	63	81898	44.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.52%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	34412	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	41809	4.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.20%

Target Compounds

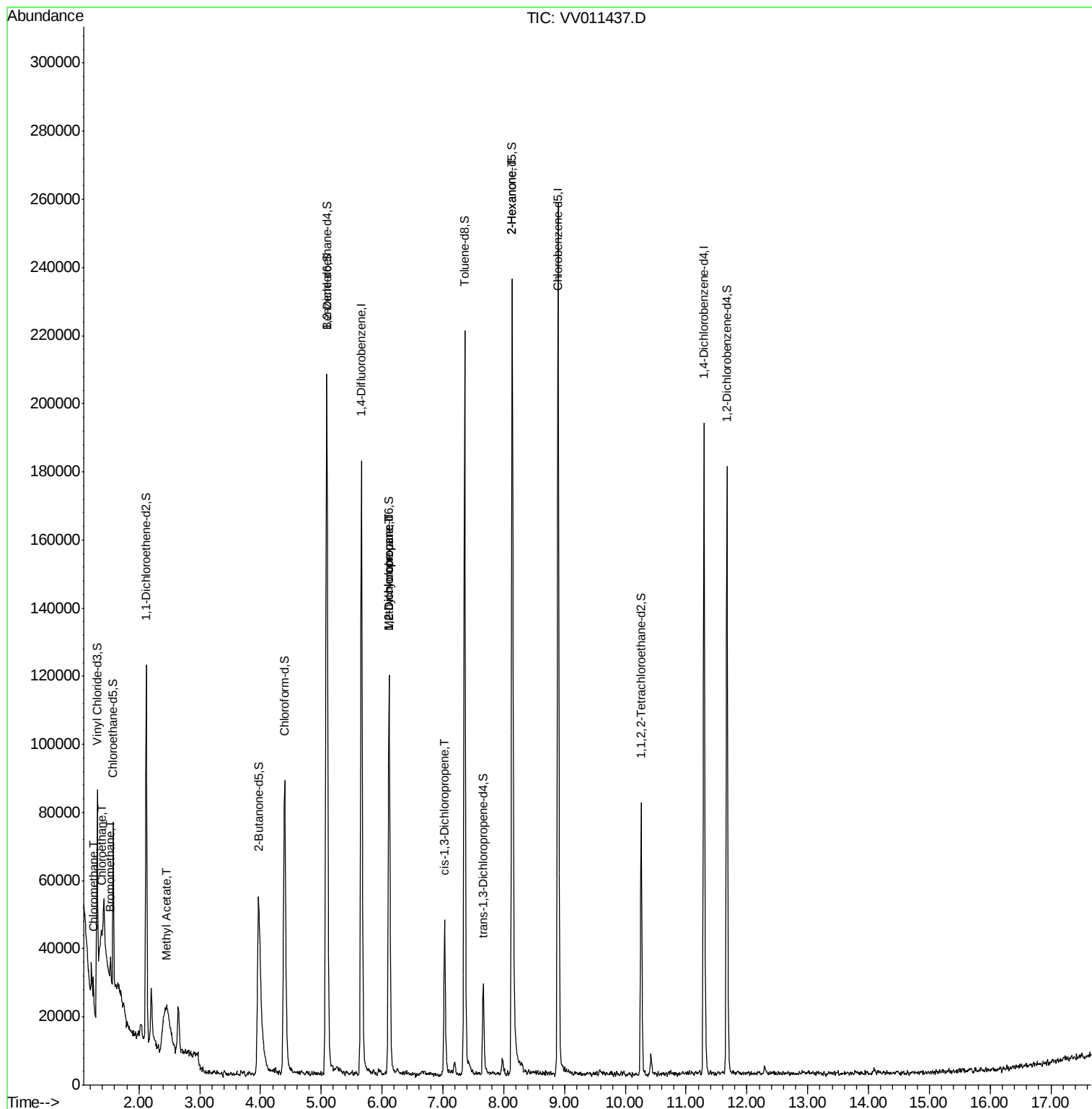
						Qvalue
3) Chloromethane	1.25	50	6127	0.456	ug/L	94
6) Bromomethane	1.53	94	2891	0.429	ug/L	81
8) Chloroethane	1.38	64	49598	5.990	ug/L #	58
15) Methyl Acetate	2.45	43	870	0.203	ug/L	99
35) Methylcyclohexane	6.11	83	11512	0.679	ug/L #	16
37) 1,2-Dichloropropane	6.11	63	6529	0.661	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	1352	0.094	ug/L #	48
48) 2-Hexanone	8.14	43	12121	2.763	ug/L #	45

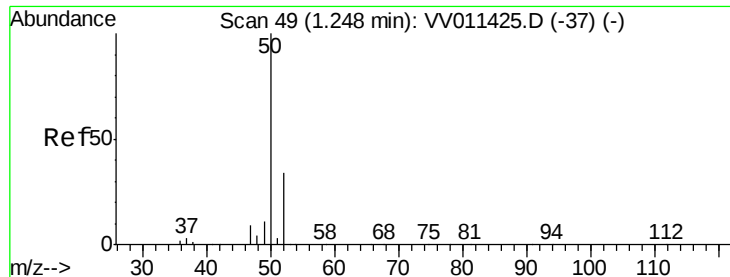
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.456 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

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Acq: 12 Jun 2019 23:20

Instrument :

MSVOA_V

ClientSampleId :

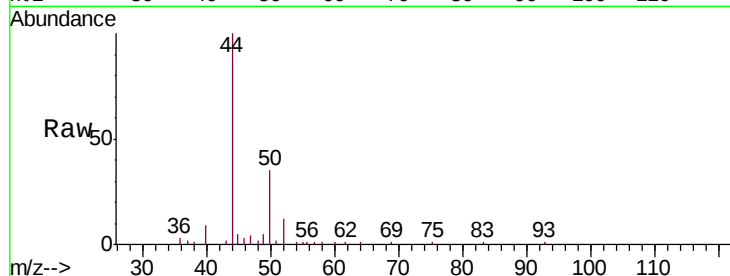
COM05

Tgt Ion: 50 Resp: 6127

Ion Ratio Lower Upper

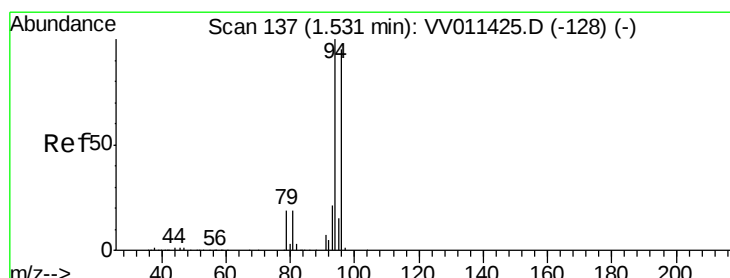
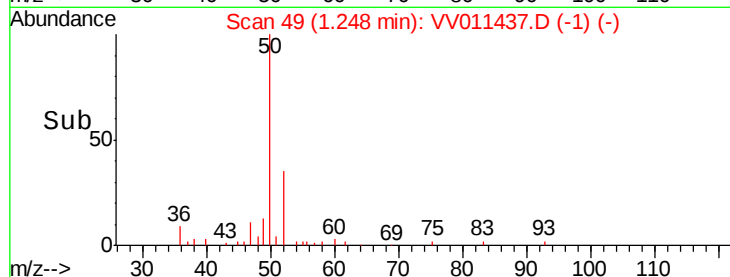
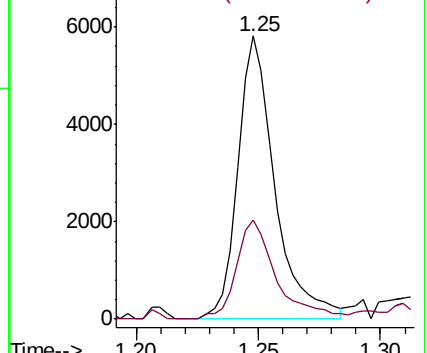
50 100

52 35.0 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: 0.429 ug/L

RT: 1.53 min Scan# 138

Delta R.T. 0.00 min

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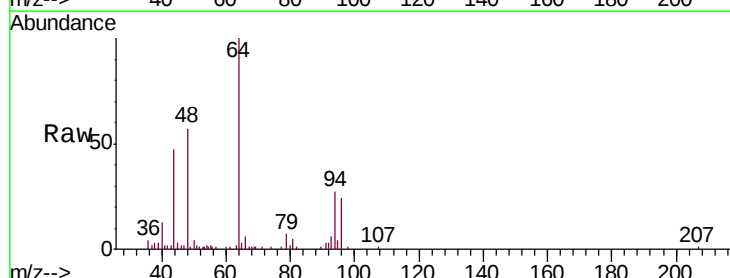
Acq: 12 Jun 2019 23:20

Tgt Ion: 94 Resp: 2891

Ion Ratio Lower Upper

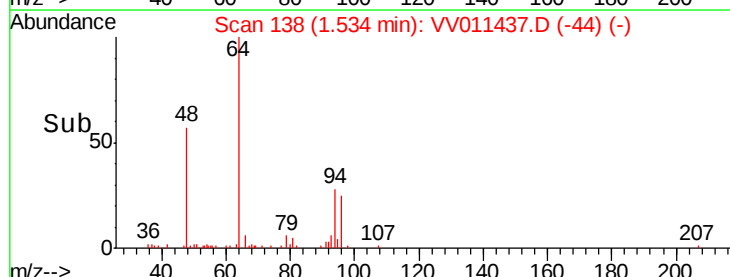
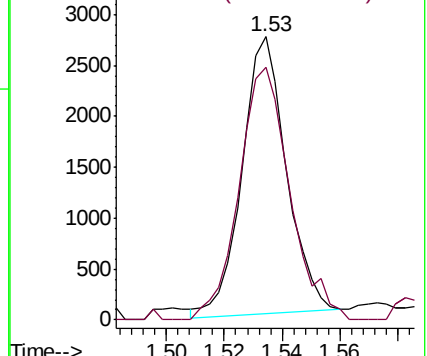
94 100

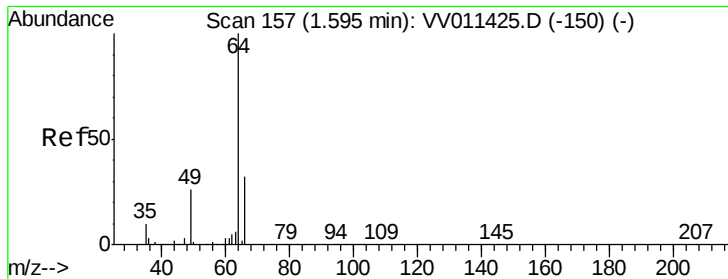
96 77.6 67.0 124.4



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0





#8

Chloroethane

Concen: 5.990 ug/L

RT: 1.38 min Scan# 91

Delta R.T. -0.21 min

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Acq: 12 Jun 2019 23:20

Instrument :

MSVOA_V

ClientSampleId :

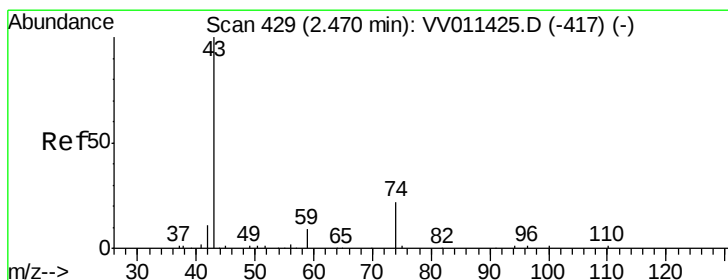
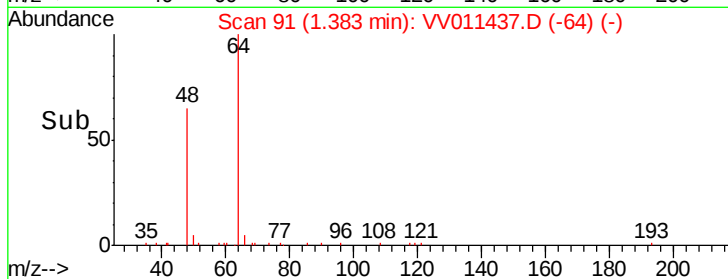
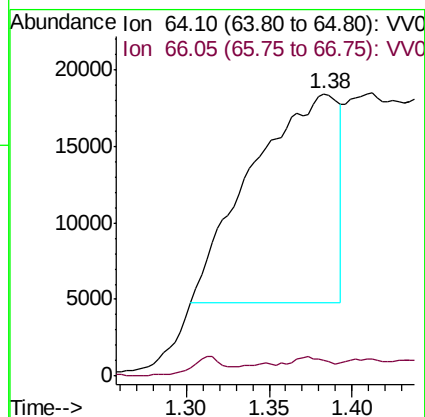
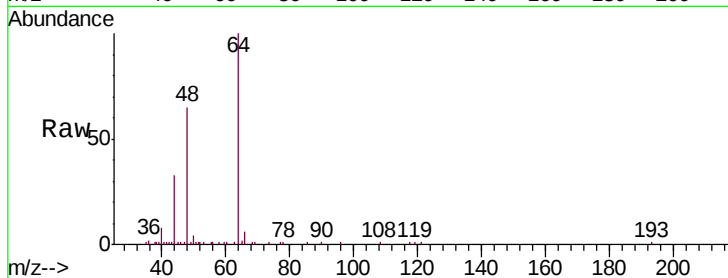
COM05

Tgt Ion: 64 Resp: 49598

Ion Ratio Lower Upper

64 100

66 5.7 19.4 36.0#



#15

Methyl Acetate

Concen: 0.203 ug/L

RT: 2.45 min Scan# 423

Delta R.T. -0.02 min

Lab File: VV011437.D

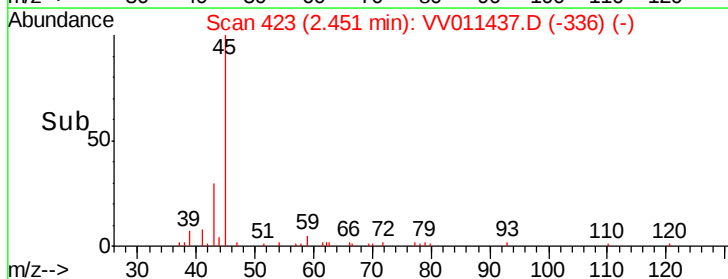
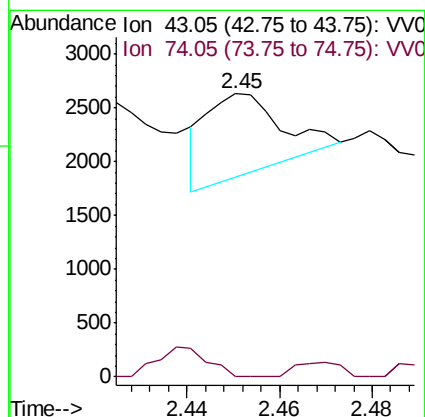
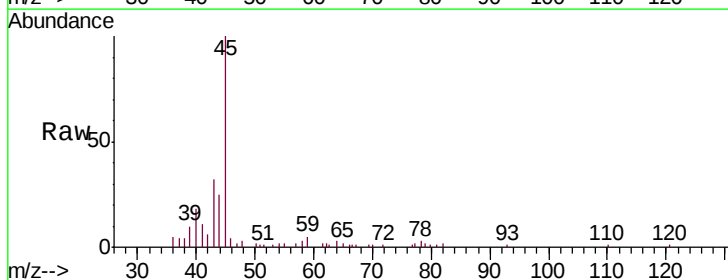
Acq: 12 Jun 2019 23:20

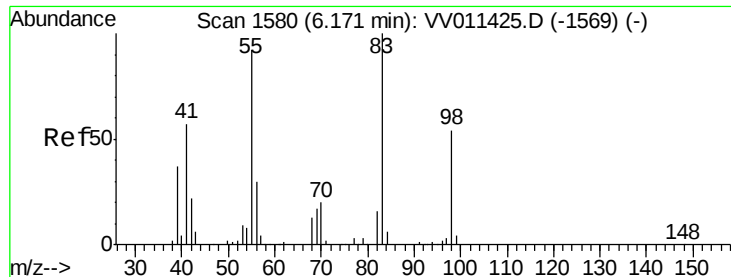
Tgt Ion: 43 Resp: 870

Ion Ratio Lower Upper

43 100

74 23.8 18.5 27.7

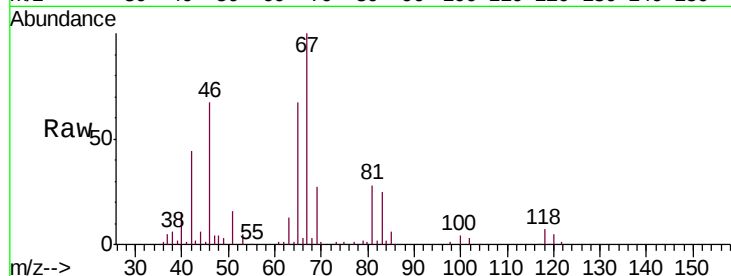




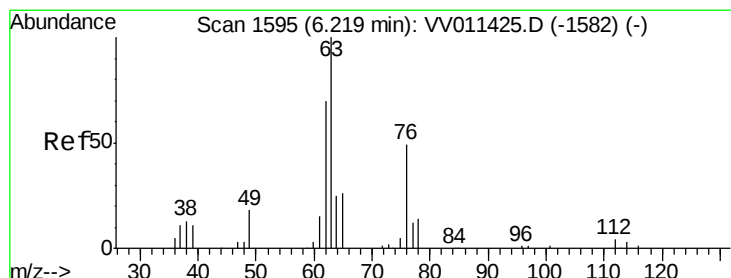
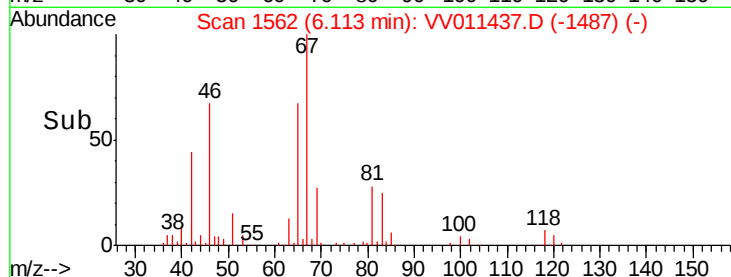
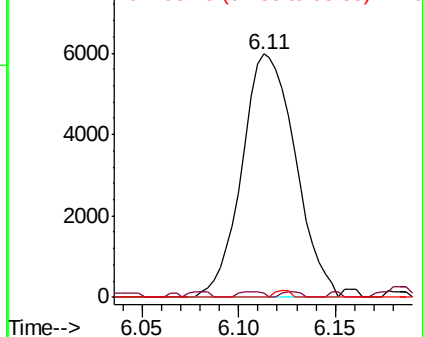
#35
Methylcyclohexane
Concen: 0.679 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV011437.D
Acq: 12 Jun 2019 23:20

Instrument :
MSVOA_V
ClientSampleId :
COM05

Tgt Ion: 83 Resp: 11512
Ion Ratio Lower Upper
83 100
55 1.0 67.0 100.6#
98 0.0 40.0 60.0#

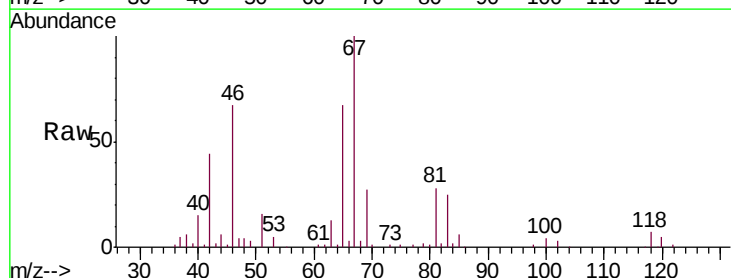


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

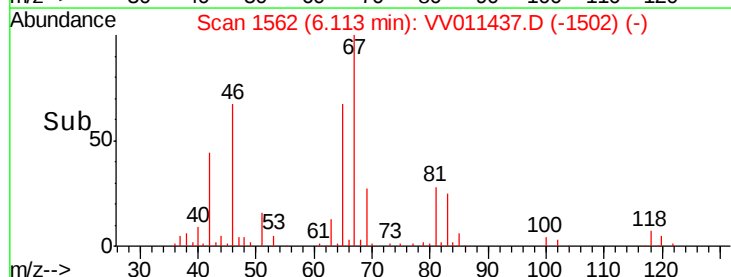
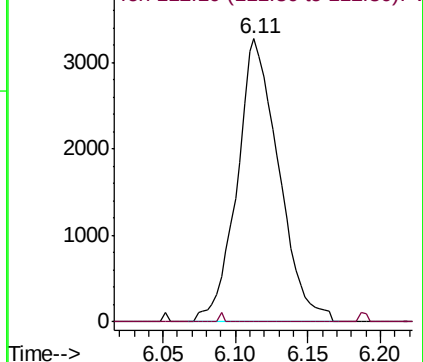


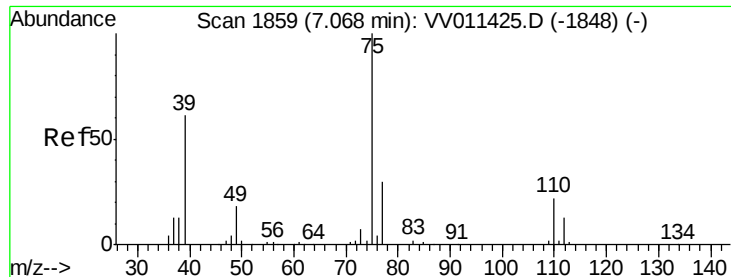
#37
1,2-Dichloropropane
Concen: 0.661 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV011437.D
Acq: 12 Jun 2019 23:20

Tgt Ion: 63 Resp: 6529
Ion Ratio Lower Upper
63 100
112 0.3 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: 0.094 ug/L

RT: 7.03 min Scan# 1847

Delta R.T. -0.04 min

Lab File: VV011437.D

Acq: 12 Jun 2019 23:20

Instrument :

MSVOA_V

ClientSampleId :

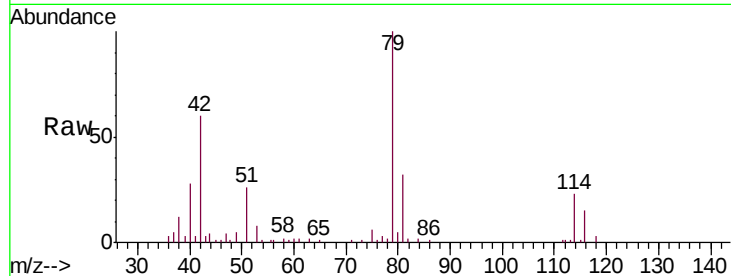
COM05

Tgt Ion: 75 Resp: 1352

Ion Ratio Lower Upper

75 100

77 60.5 22.2 41.2#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.03

600

400

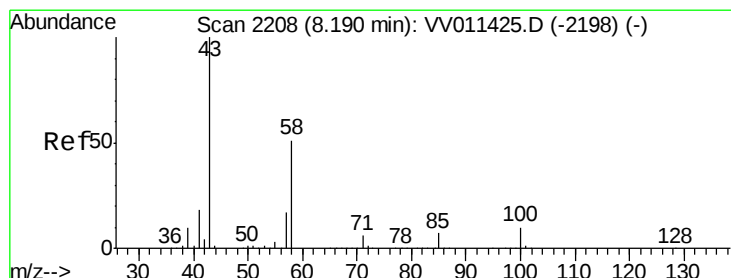
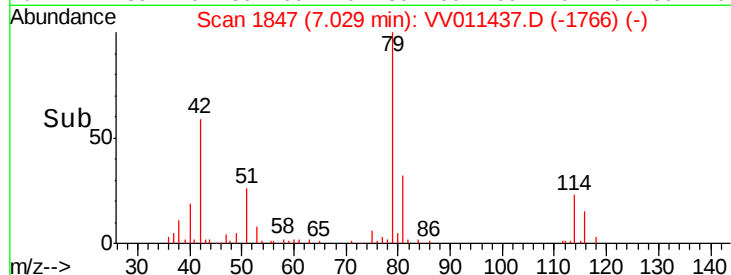
200

0

7.00

7.05

Time-->



#48

2-Hexanone

Concen: 2.763 ug/L

RT: 8.14 min Scan# 2192

Delta R.T. -0.05 min

Lab File: VV011437.D

Acq: 12 Jun 2019 23:20

Tgt Ion: 43 Resp: 12121

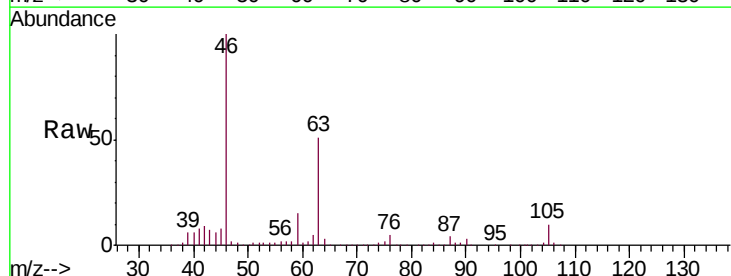
Ion Ratio Lower Upper

43 100

58 0.0 41.4 62.0#

57 26.7 15.0 22.4#

100 0.4 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

8000

6000

4000

2000

0

8.10

8.15

8.20

Time-->

