

Data File : VV011448.D
Acq On : 13 Jun 2019 06:32
Operator : SY/MD
Sample : K3324-04
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0JX9

Quant Time: Jun 13 08:28:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 13 08:24:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	138904	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	126023	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	46467	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	33724	3.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.00%
7) Chloroethane-d5	1.58	69	28442	3.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	65.00%
11) 1,1-Dichloroethene-d2	2.12	63	59402	2.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.40%#
20) 2-Butanone-d5	3.97	46	114371	48.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.54%
24) Chloroform-d	4.40	84	83141	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.08	65	47494	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
32) Benzene-d6	5.09	84	159096	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
36) 1,2-Dichloropropane-d6	6.12	67	51503	4.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.80%
41) Toluene-d8	7.36	98	137987	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.80%
43) trans-1,3-Dichloropropene-	7.66	79	13831	3.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.40%
46) 2-Hexanone-d5	8.14	63	84417	45.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.28%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	35741	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	41841	4.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.20%

Target Compounds

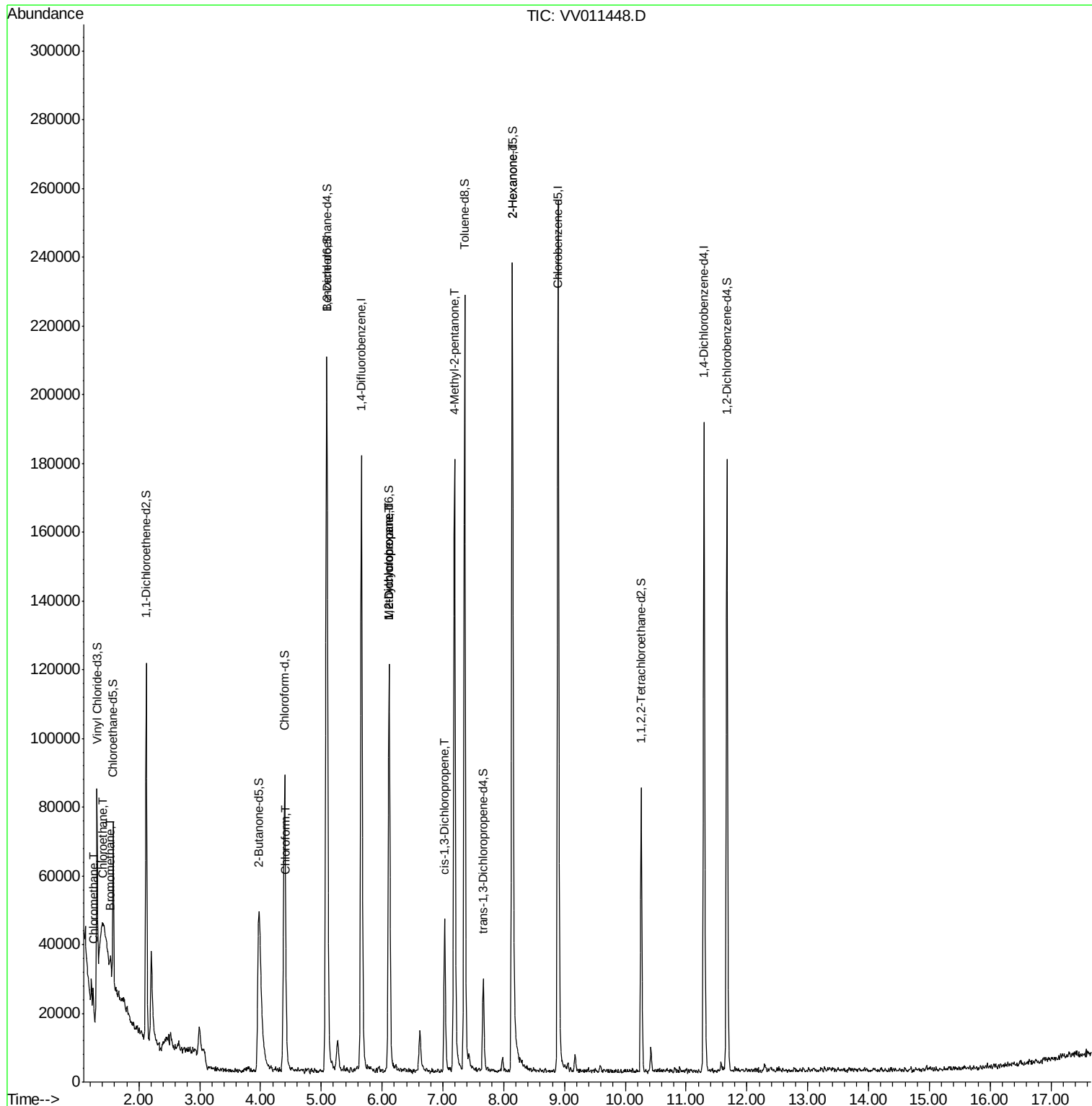
						Qvalue
3) Chloromethane	1.25	50	4688	0.354	ug/L	97
6) Bromomethane	1.53	94	2053	0.309	ug/L	83
8) Chloroethane	1.41	64	79186	9.696	ug/L #	56
25) Chloroform	4.42	83	2944	0.147	ug/L	98
35) Methylcyclohexane	6.12	83	12359	0.721	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	6402	0.641	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	1455	0.100	ug/L #	56
40) 4-Methyl-2-pentanone	7.19	43	89863	14.139	ug/L #	48
48) 2-Hexanone	8.14	43	11662	2.631	ug/L #	72

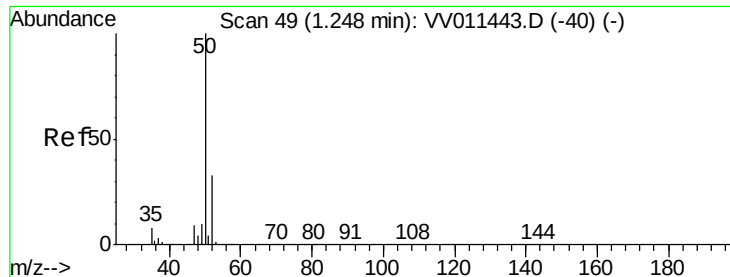
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.354 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

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Acq: 13 Jun 2019 06:32

Instrument :

MSVOA_V

ClientSampleId :

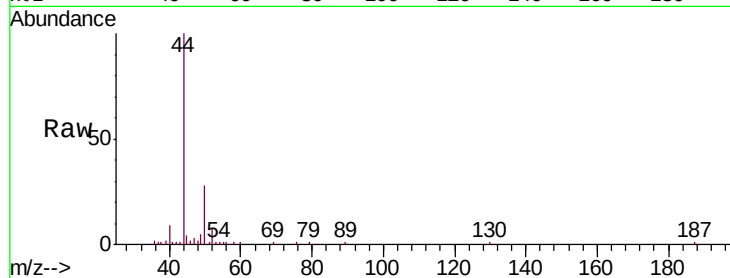
C0JX9

Tgt Ion: 50 Resp: 4688

Ion Ratio Lower Upper

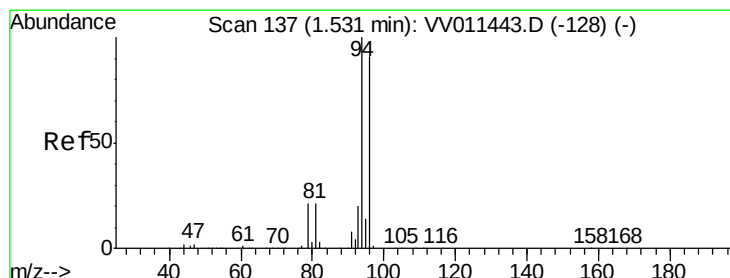
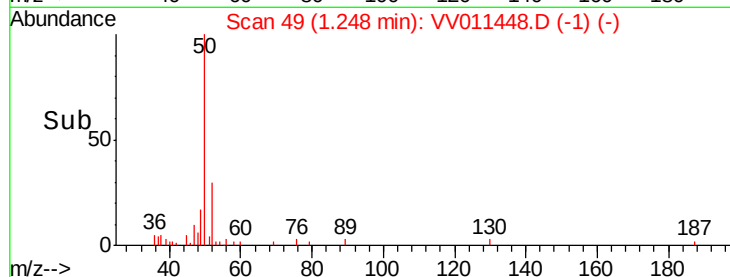
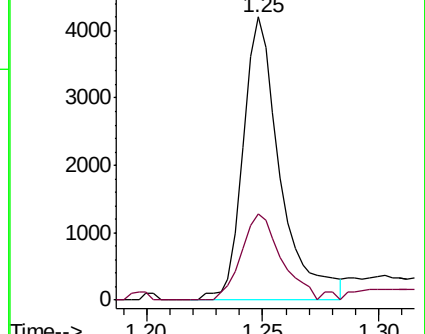
50 100

52 30.5 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: 0.309 ug/L

RT: 1.53 min Scan# 138

Delta R.T. 0.00 min

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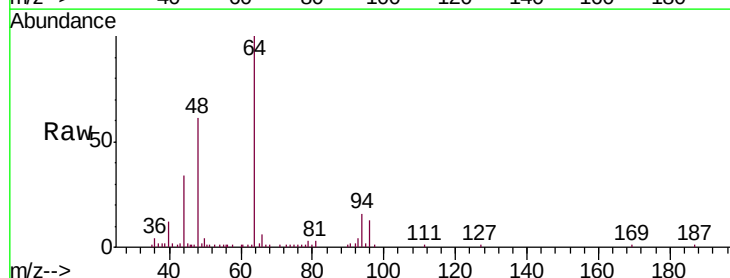
Acq: 13 Jun 2019 06:32

Tgt Ion: 94 Resp: 2053

Ion Ratio Lower Upper

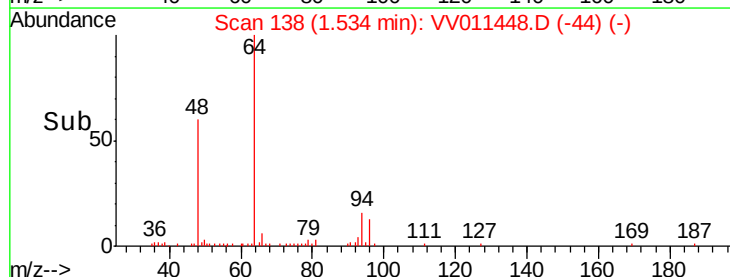
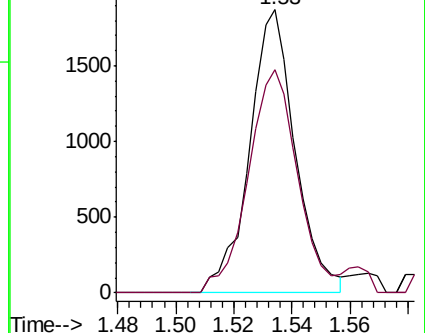
94 100

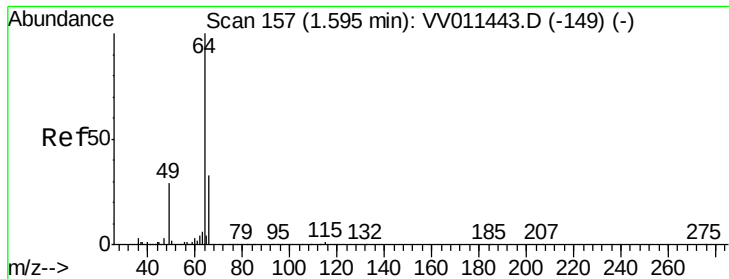
96 79.0 67.0 124.4



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0





#8

Chloroethane

Concen: 9.696 ug/L

RT: 1.41 min Scan# 98

Delta R.T. -0.19 min

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Acq: 13 Jun 2019 06:32

Instrument :

MSVOA_V

ClientSampleId :

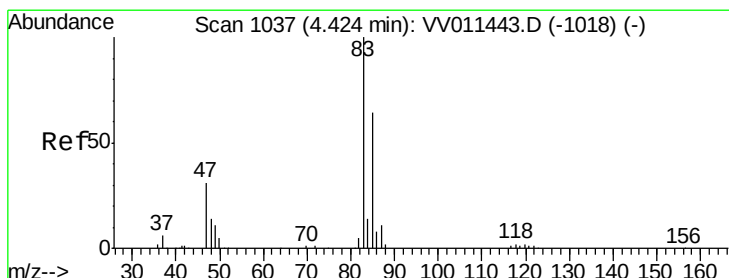
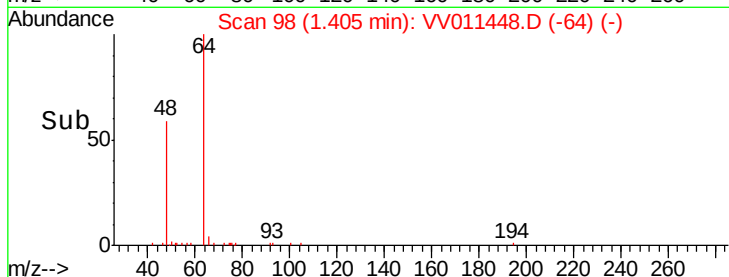
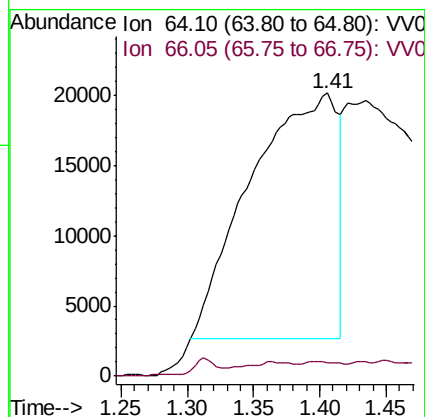
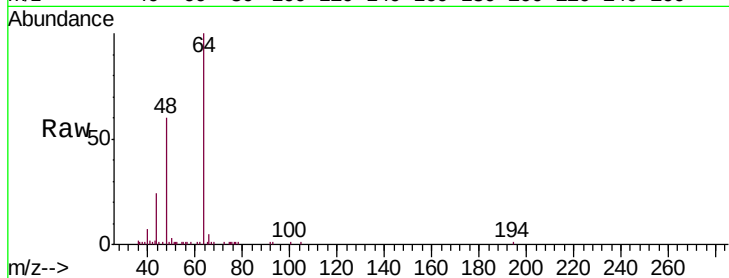
C0JX9

Tgt Ion: 64 Resp: 79186

Ion Ratio Lower Upper

64 100

66 4.8 19.4 36.0#



#25

Chloroform

Concen: 0.147 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV011448.D

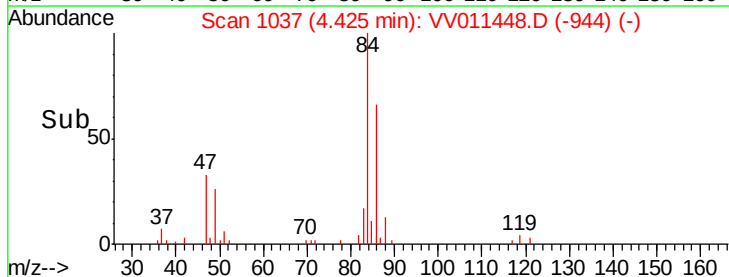
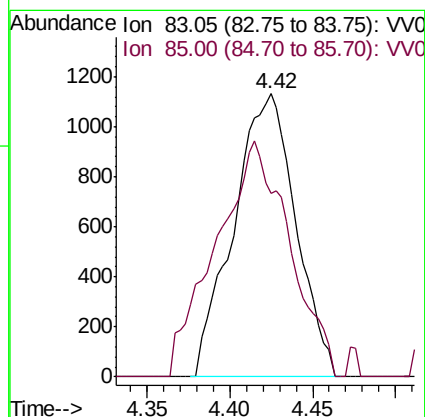
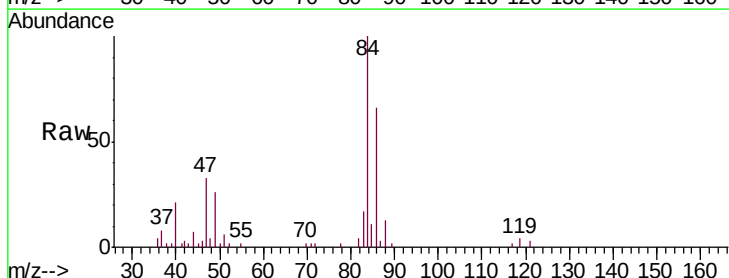
Acq: 13 Jun 2019 06:32

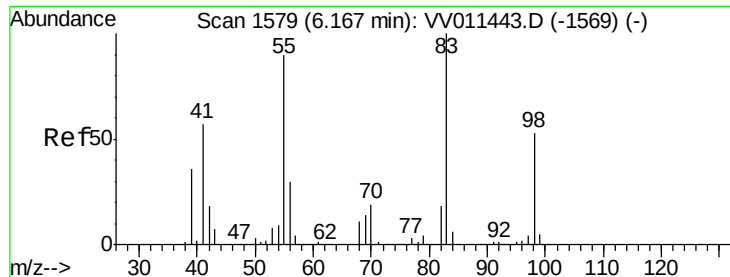
Tgt Ion: 83 Resp: 2944

Ion Ratio Lower Upper

83 100

85 64.8 44.1 81.9

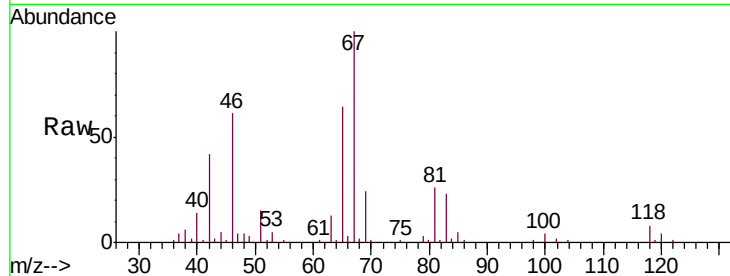




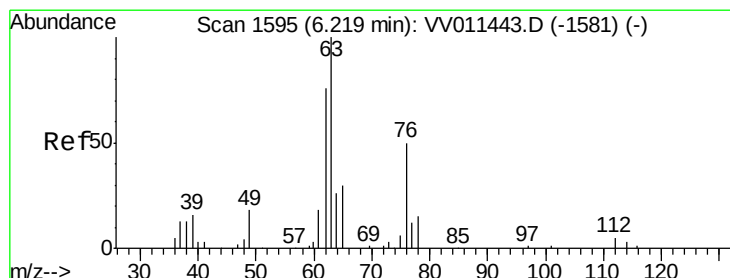
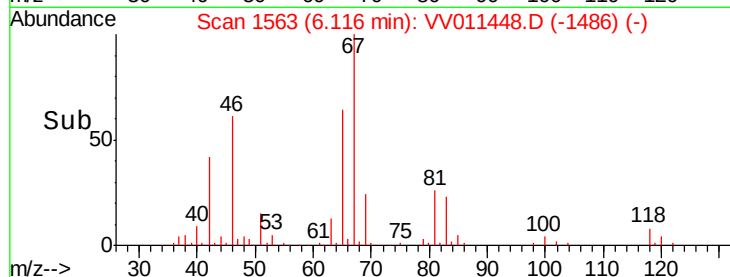
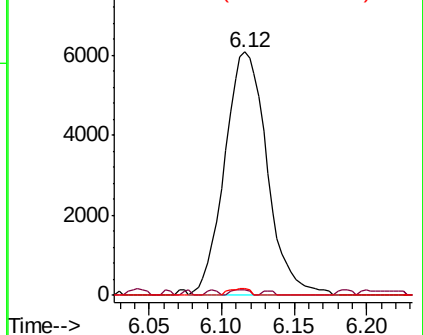
#35
Methylcyclohexane
Concen: 0.721 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011448.D
Acq: 13 Jun 2019 06:32

Instrument :
MSVOA_V
ClientSampleId :
C0JX9

Tgt Ion: 83 Resp: 12359
Ion Ratio Lower Upper
83 100
55 1.0 67.0 100.6#
98 1.3 40.0 60.0#

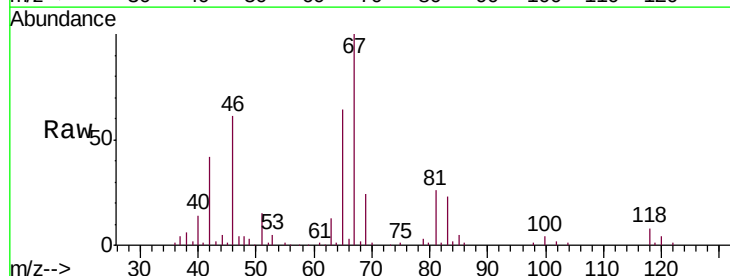


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

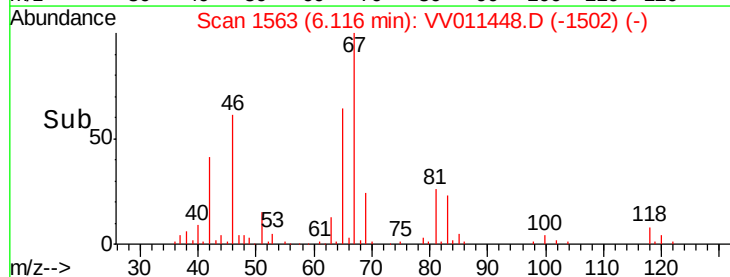
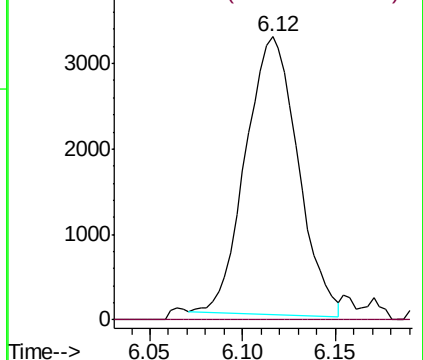


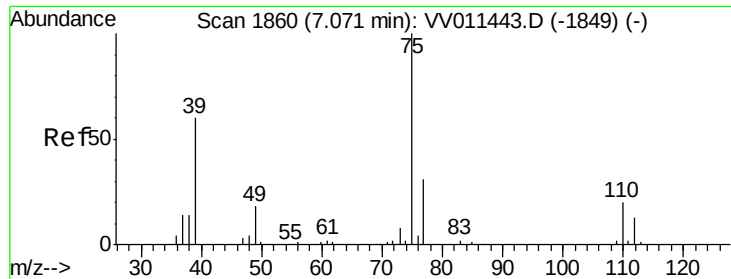
#37
1,2-Dichloropropane
Concen: 0.641 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011448.D
Acq: 13 Jun 2019 06:32

Tgt Ion: 63 Resp: 6402
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: 0.100 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV011448.D

Acq: 13 Jun 2019 06:32

Instrument :

MSVOA_V

ClientSampleId :

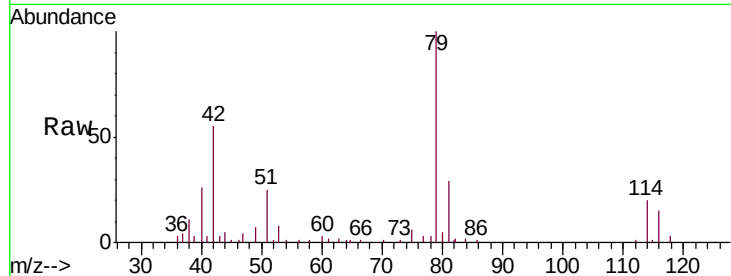
C0JX9

Tgt Ion: 75 Resp: 1455

Ion Ratio Lower Upper

75 100

77 56.4 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

800

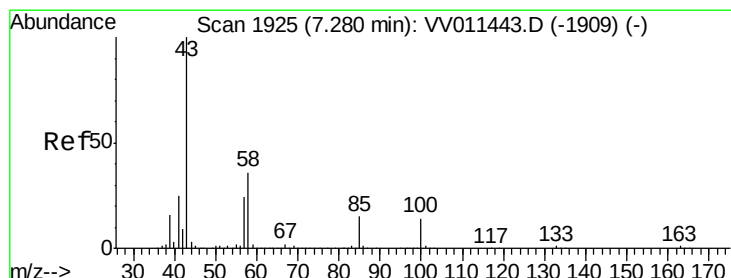
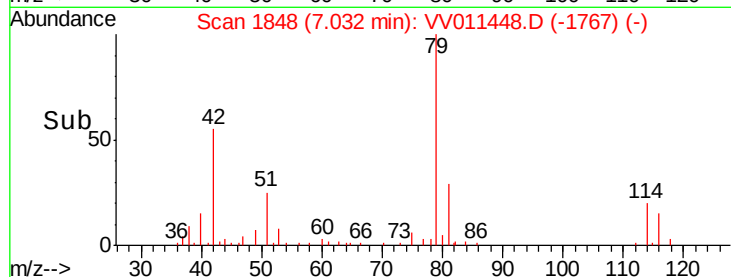
600

400

200

0

Time-->



#40

4-Methyl-2-pentanone

Concen: 14.139 ug/L

RT: 7.19 min Scan# 1897

Delta R.T. -0.09 min

Lab File: VV011448.D

Acq: 13 Jun 2019 06:32

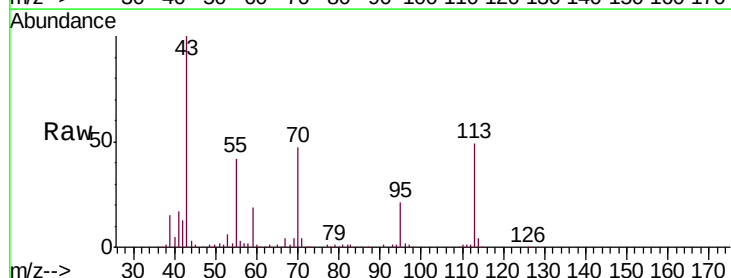
Tgt Ion: 43 Resp: 89863

Ion Ratio Lower Upper

43 100

58 1.8 29.3 43.9#

100 0.0 10.6 16.0#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 100.15 (99.85 to 100.85): VV0

7.19

60000

50000

40000

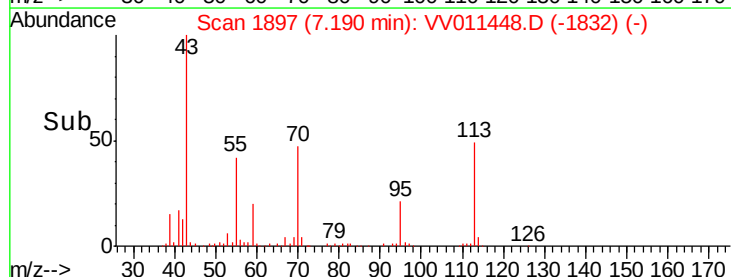
30000

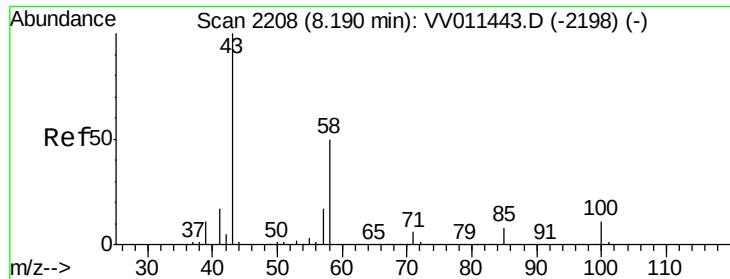
20000

10000

0

Time-->





#48

2-Hexanone

Concen: 2.631 ug/L

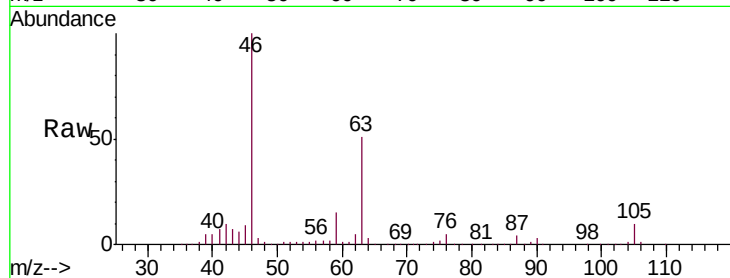
RT: 8.14 min Scan# 2192

Delta R.T. -0.05 min

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Instrument :
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Tgt Ion:	43	Resp:	11662
Ion	Ratio	Lower	Upper
43	100		
58	30.3	41.4	62.0#
57	29.1	15.0	22.4#
100	1.0	9.0	13.4#

