

Data File : VV011465.D
Acq On : 13 Jun 2019 17:21
Operator : SY/MD
Sample : K3310-17
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Jun 14 04:42:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 14 04:38:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	127997	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	116362	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	42752	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	43187	4.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.00%
7) Chloroethane-d5	1.58	69	36606	4.54	ug/L	0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.80%
11) 1,1-Dichloroethene-d2	2.12	63	73592	3.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.00%
20) 2-Butanone-d5	3.97	46	118566	54.30	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.60%
24) Chloroform-d	4.40	84	87094	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
26) 1,2-Dichloroethane-d4	5.08	65	50771	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.00%
32) Benzene-d6	5.10	84	172633	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.12	67	53161	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.36	98	147641	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	7.67	79	15318	3.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.00%
46) 2-Hexanone-d5	8.14	63	89580	51.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.76%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	37165	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	44273	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%

Target Compounds

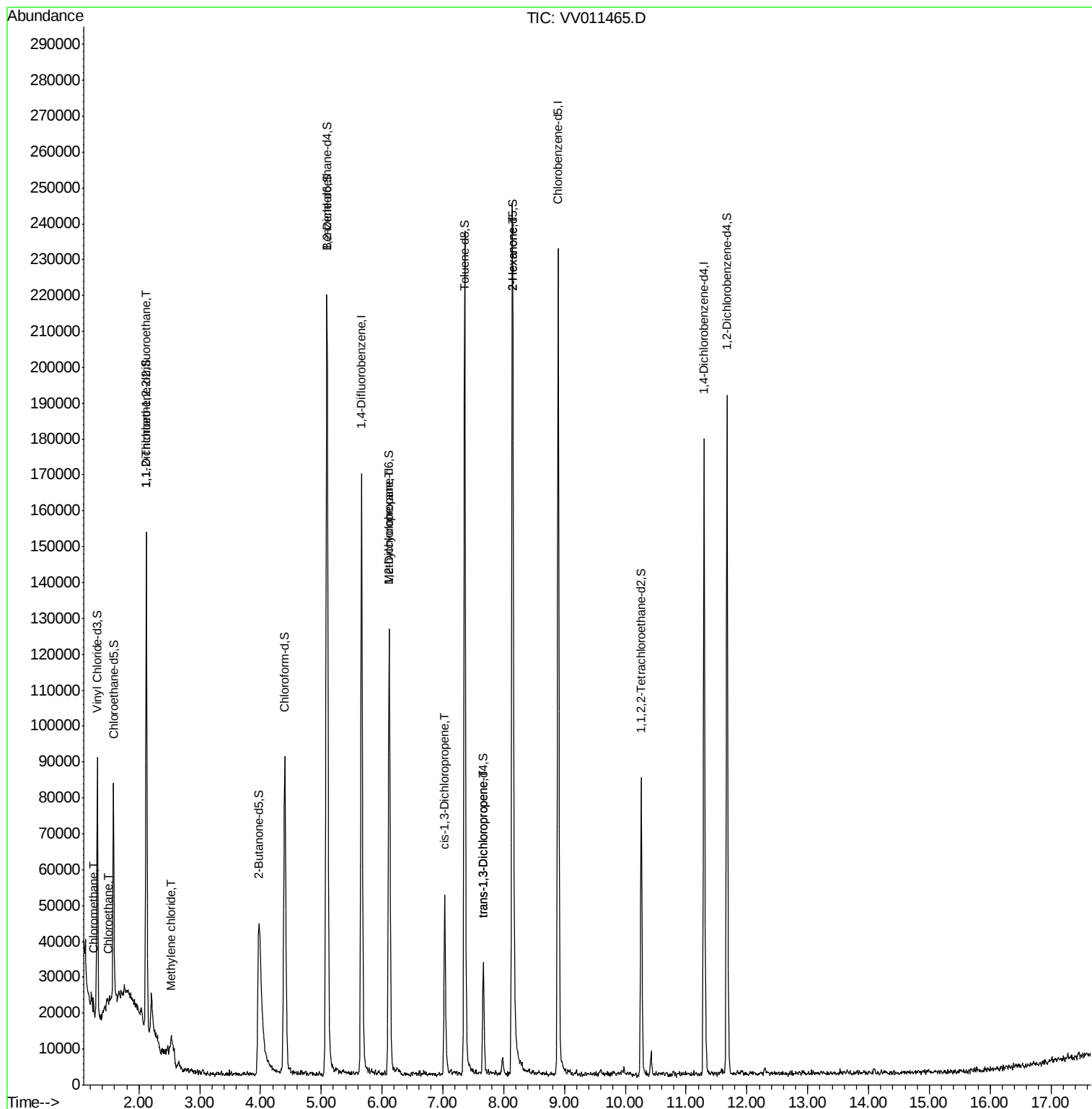
						Qvalue
3) Chloromethane	1.25	50	2023	0.166	ug/L #	79
8) Chloroethane	1.50	64	14636	1.945	ug/L #	58
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	772	0.093	ug/L #	33
16) Methylene chloride	2.54	84	1401	0.169	ug/L	95
35) Methylcyclohexane	6.12	83	12865	0.813	ug/L #	16
39) cis-1,3-Dichloropropene	7.03	75	1475	0.109	ug/L	92
44) trans-1,3-Dichloropropene	7.67	75	829	0.081	ug/L #	74
48) 2-Hexanone	8.14	43	12998	3.176	ug/L #	75

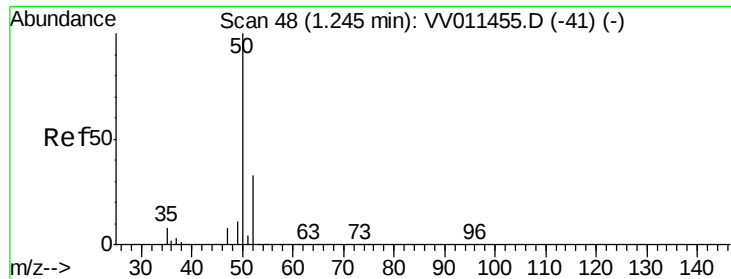
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.166 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.01 min

Lab File: VV011465.D

Acq: 13 Jun 2019 17:21

Instrument :

MSVOA_V

ClientSampleId :

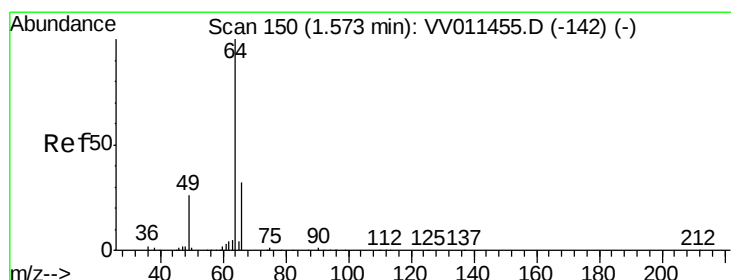
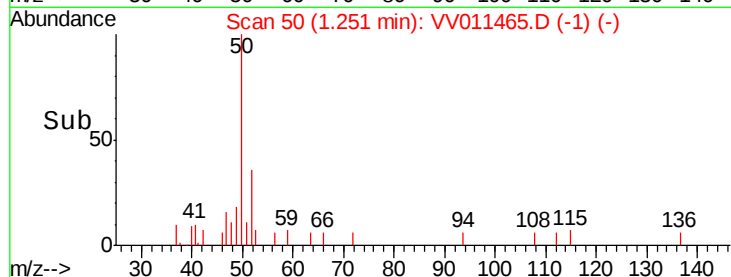
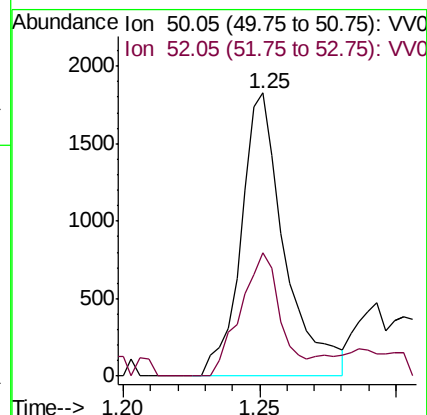
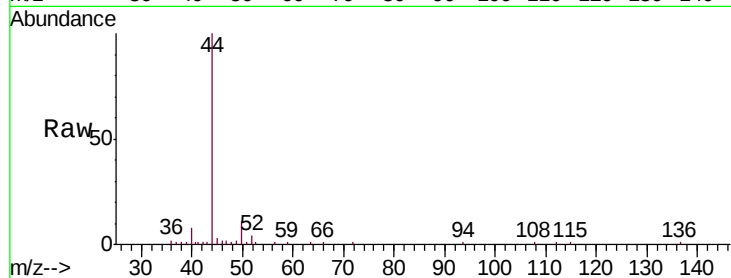
VHBLK01

Tgt Ion: 50 Resp: 2023

Ion Ratio Lower Upper

50 100

52 43.5 22.3 41.5#



#8

Chloroethane

Concen: 1.945 ug/L

RT: 1.50 min Scan# 127

Delta R.T. -0.07 min

Lab File: VV011465.D

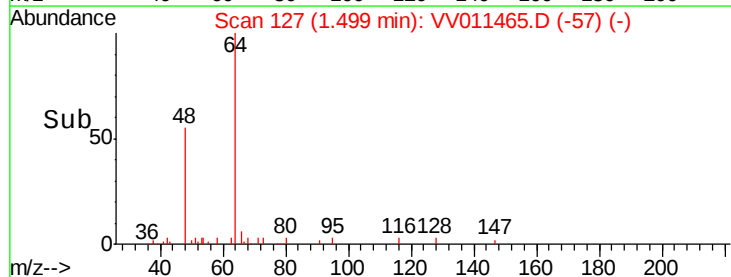
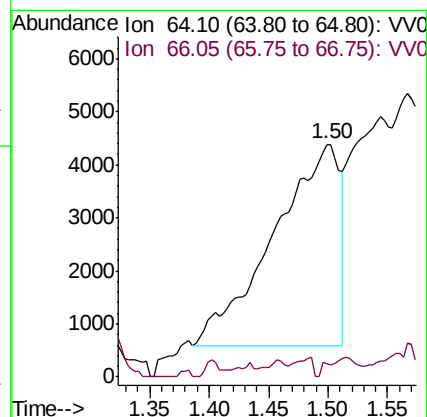
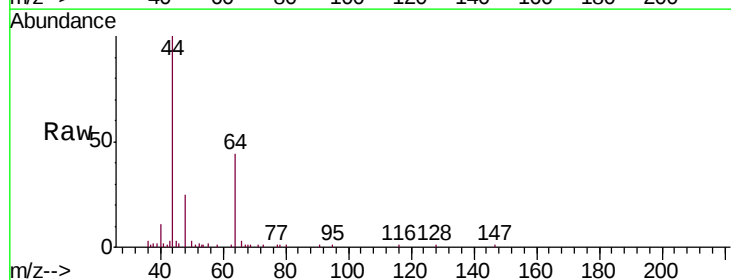
Acq: 13 Jun 2019 17:21

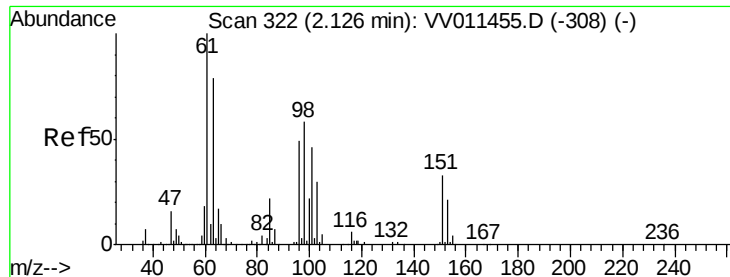
Tgt Ion: 64 Resp: 14636

Ion Ratio Lower Upper

64 100

66 5.9 19.4 36.0#





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.093 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.00 min

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Acq: 13 Jun 2019 17:21

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

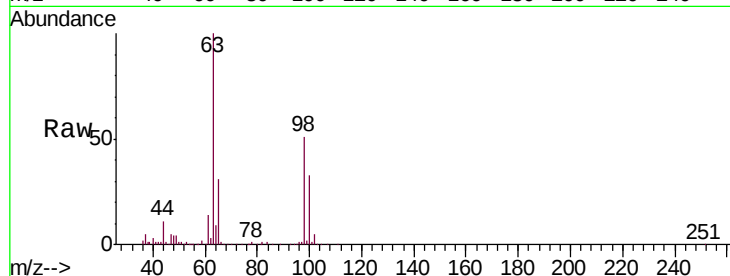
Tgt Ion:101 Resp: 772

Ion Ratio Lower Upper

101 100

85 21.4 35.5 53.3#

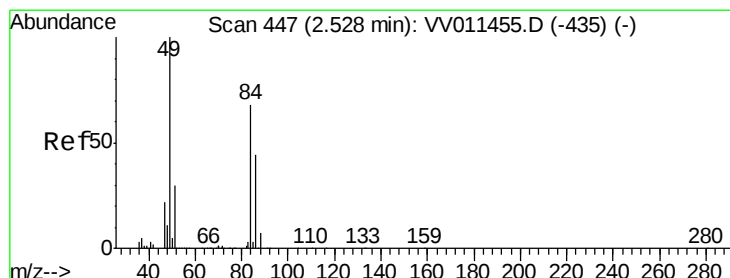
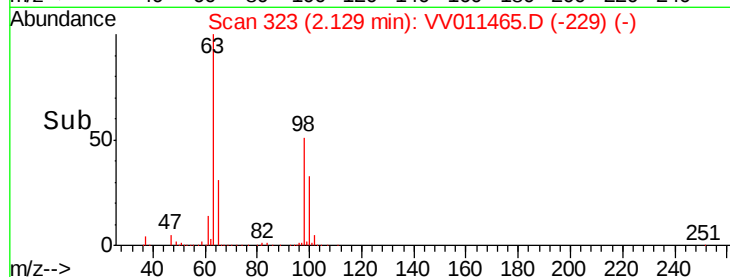
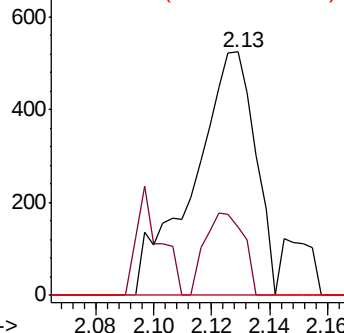
151 0.0 56.9 85.3#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#16

Methylene chloride

Concen: 0.169 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.01 min

Lab File: VV011465.D

Acq: 13 Jun 2019 17:21

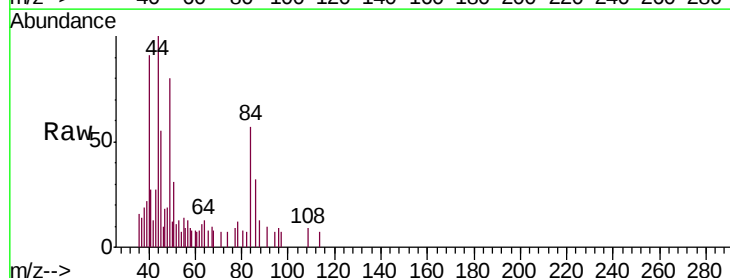
Tgt Ion: 84 Resp: 1401

Ion Ratio Lower Upper

84 100

86 56.2 44.9 83.3

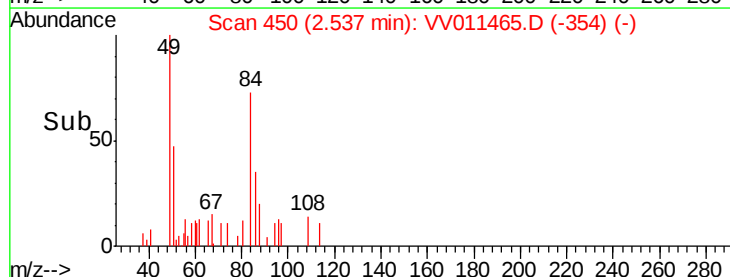
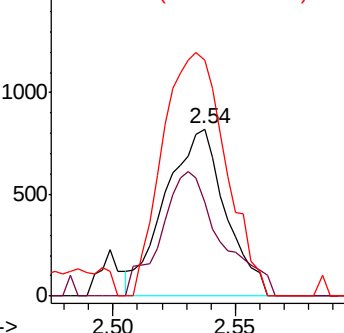
49 141.5 102.1 189.5

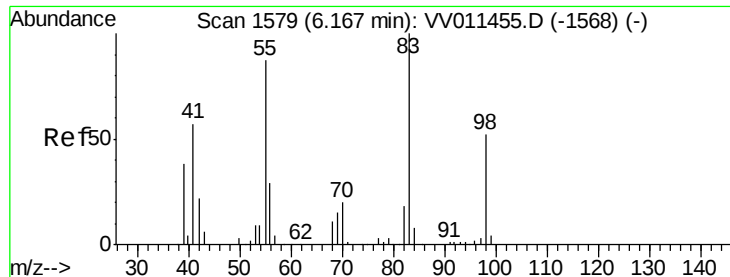


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

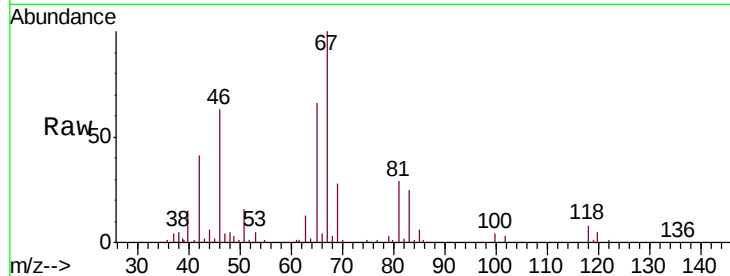




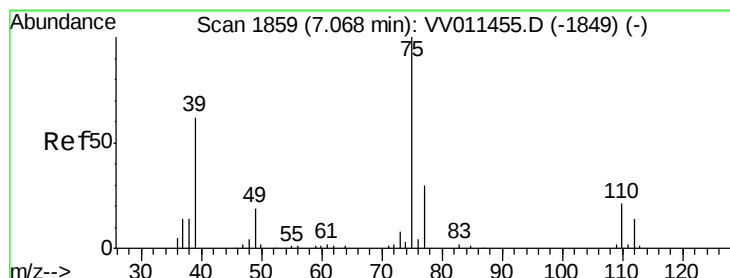
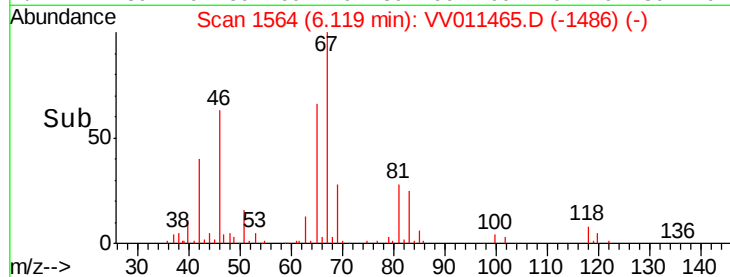
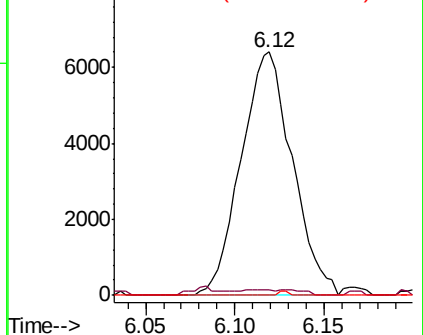
#35
Methylcyclohexane
Concen: 0.813 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV011465.D
Acq: 13 Jun 2019 17:21

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 83 Resp: 12865
Ion Ratio Lower Upper
83 100
55 1.8 67.0 100.6#
98 0.0 40.0 60.0#

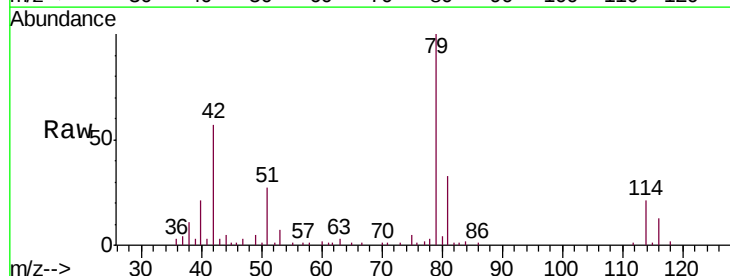


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

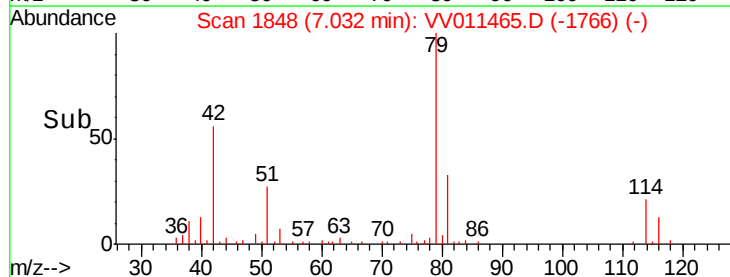
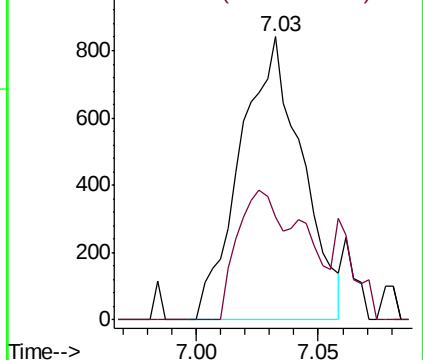


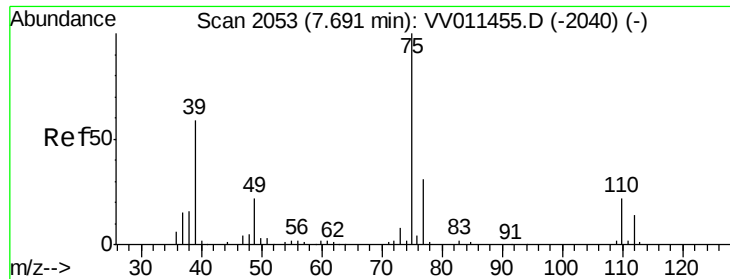
#39
cis-1,3-Dichloropropene
Concen: 0.109 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV011465.D
Acq: 13 Jun 2019 17:21

Tgt Ion: 75 Resp: 1475
Ion Ratio Lower Upper
75 100
77 36.3 22.2 41.2



Abundance Ion 75.05 (74.75 to 75.75): VV0
Ion 77.05 (76.75 to 77.75): VV0





#44

trans-1,3-Dichloropropene

Concen: 0.081 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV011465.D

Acq: 13 Jun 2019 17:21

Instrument :

MSVOA_V

ClientSampleId :

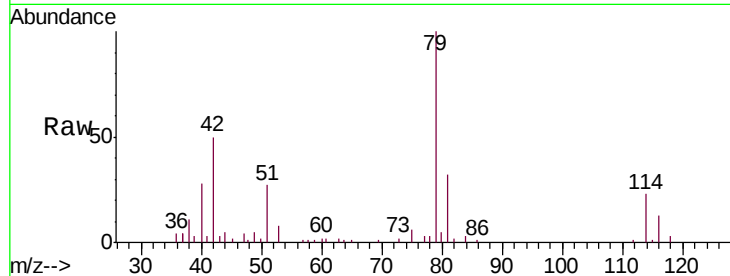
VHBLK01

Tgt Ion: 75 Resp: 829

Ion Ratio Lower Upper

75 100

77 47.4 23.1 42.9#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

600

500

400

300

200

100

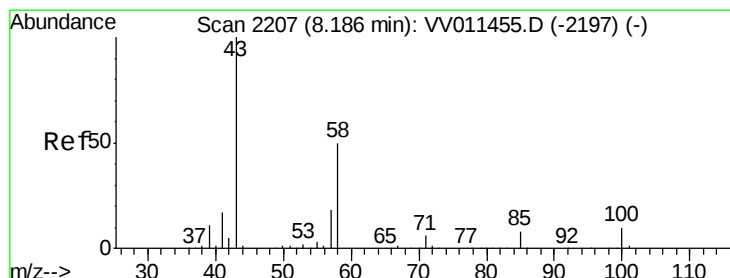
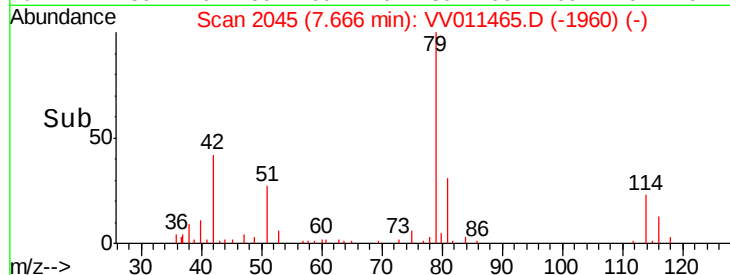
0

7.65

7.67

7.70

Time-->



#48

2-Hexanone

Concen: 3.176 ug/L

RT: 8.14 min Scan# 2194

Delta R.T. -0.04 min

Lab File: VV011465.D

Acq: 13 Jun 2019 17:21

Tgt Ion: 43 Resp: 12998

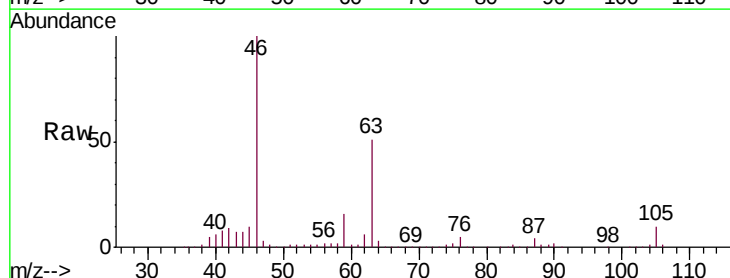
Ion Ratio Lower Upper

43 100

58 32.1 41.4 62.0#

57 26.8 15.0 22.4#

100 1.2 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

10000

8000

6000

4000

2000

0

8.10

8.14

8.20

Time-->

