

Data File : VV007615.D
Acq On : 18 Sep 2018 21:28
Operator : SY/MD
Sample : J4920-13
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Sep 19 01:48:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091818WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 19 01:47:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	116384	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	106971	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	55446	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25395	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.59	69	22852	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.80%
11) 1,1-Dichloroethene-d2	2.13	63	45538	3.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.80%
20) 2-Butanone-d5	3.97	46	40659	53.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.30%
24) Chloroform-d	4.41	84	52843	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	5.09	65	28122	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.10	84	108079	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.13	67	30931	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.36	98	109249	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
43) trans-1,3-Dichloropropene-	7.67	79	12545	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
46) 2-Hexanone-d5	8.15	63	22668	44.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.56%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	19542	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	47131	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

					Qvalue	
8) Chloroethane	1.32	64	425	0.087	ug/L #	1
16) Methylene chloride	2.54	84	1069	0.125	ug/L	96
25) Chloroform	4.42	83	1524	0.114	ug/L	77
35) Methylcyclohexane	6.13	83	8069	0.610	ug/L #	21
37) 1,2-Dichloropropane	6.13	63	3791	0.608	ug/L #	86
39) cis-1,3-Dichloropropene	7.04	75	1107	0.107	ug/L #	82
48) 2-Hexanone	8.20	43	15362	5.459	ug/L #	70

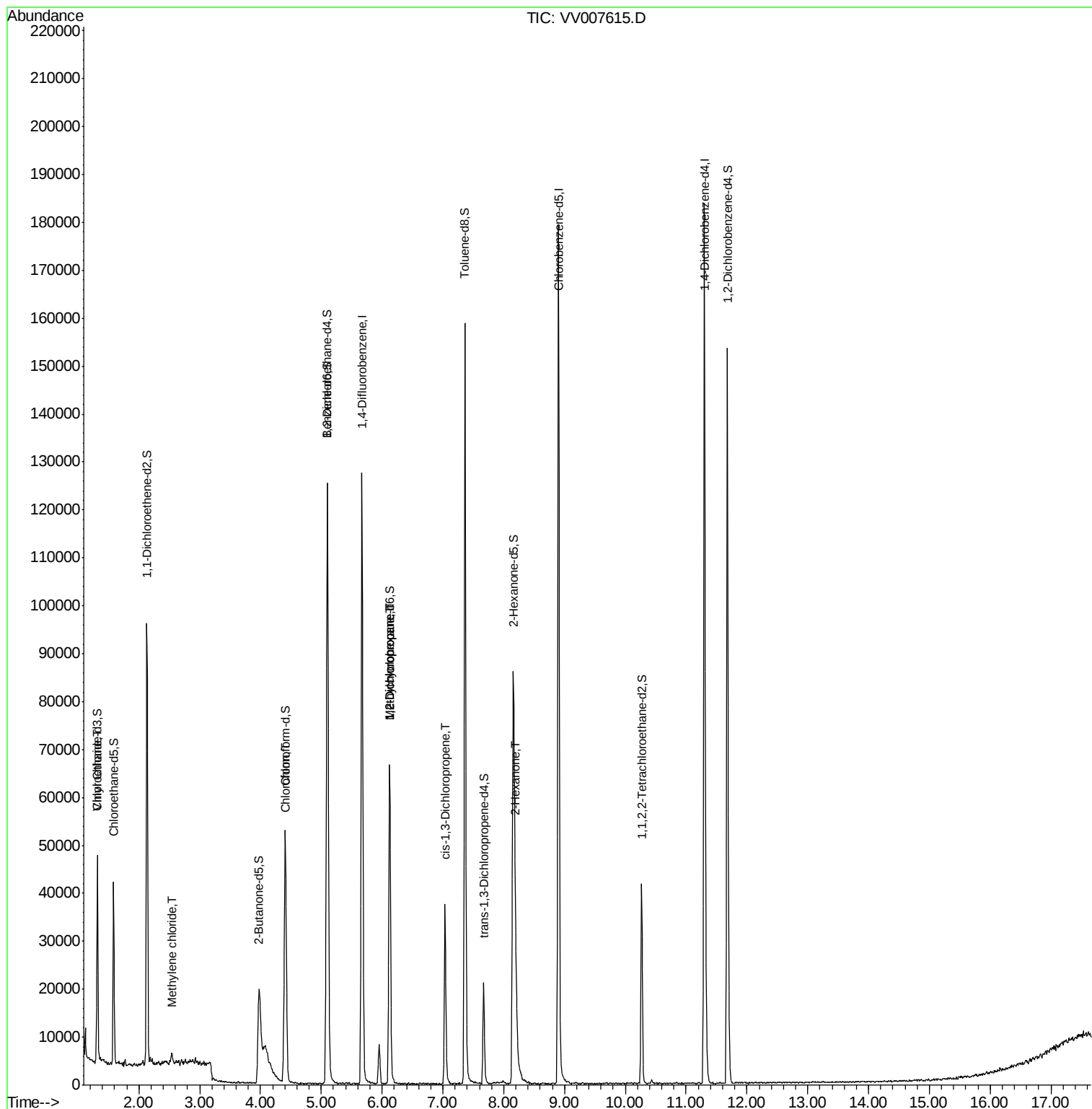
(#) = qualifier out of range (m) = manual integration (+) = signals summed

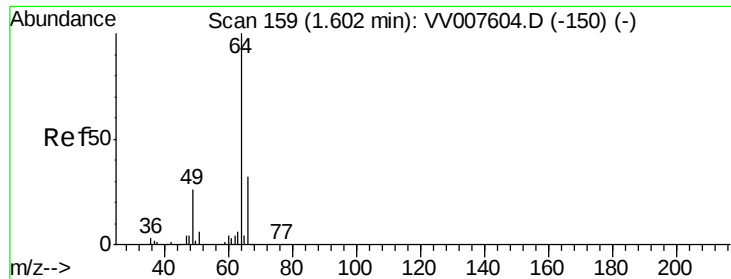
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#8

Chloroethane

Concen: 0.087 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.28 min

Lab File: VV007615.D

Acq: 18 Sep 2018 21:28

Instrument :

MSVOA_V

ClientSampleId :

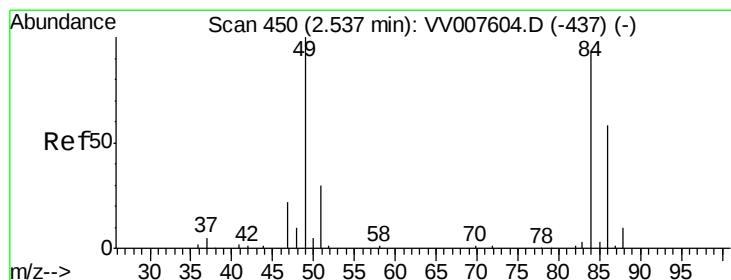
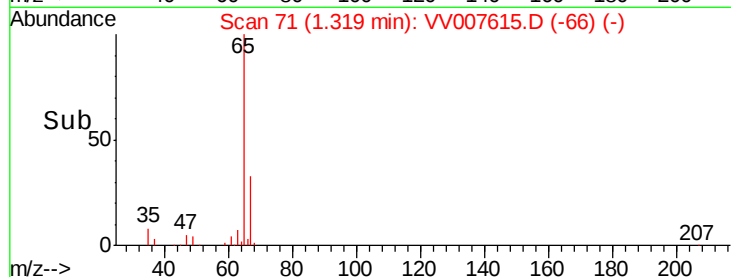
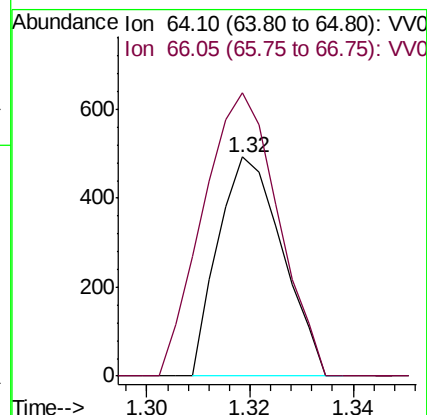
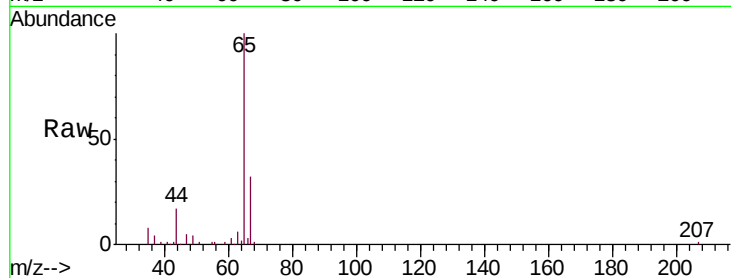
VHBLK01

Tgt Ion: 64 Resp: 425

Ion Ratio Lower Upper

64 100

66 129.2 22.9 42.5#



#16

Methylene chloride

Concen: 0.125 ug/L

RT: 2.54 min Scan# 450

Delta R.T. -0.00 min

Lab File: VV007615.D

Acq: 18 Sep 2018 21:28

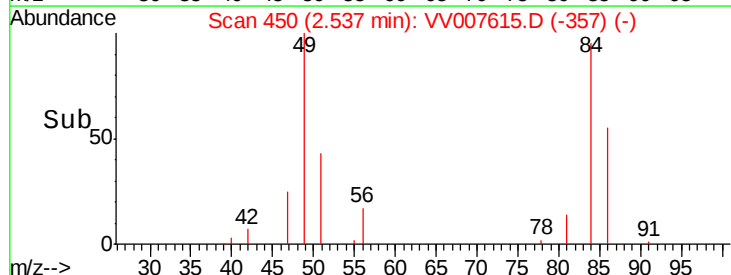
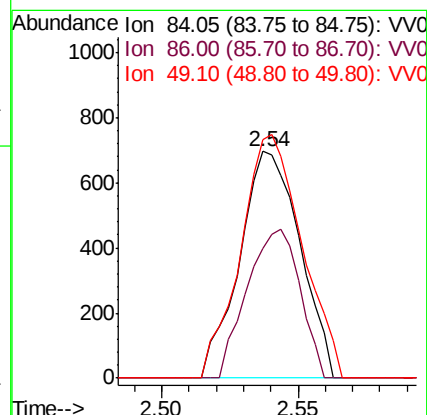
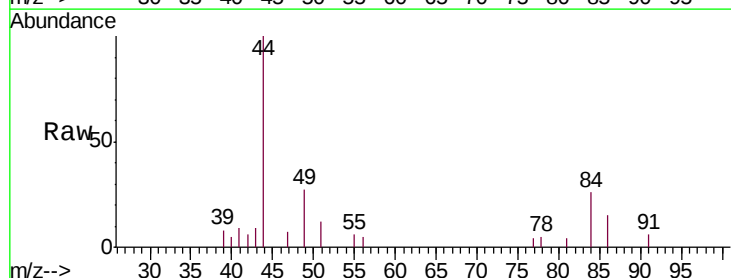
Tgt Ion: 84 Resp: 1069

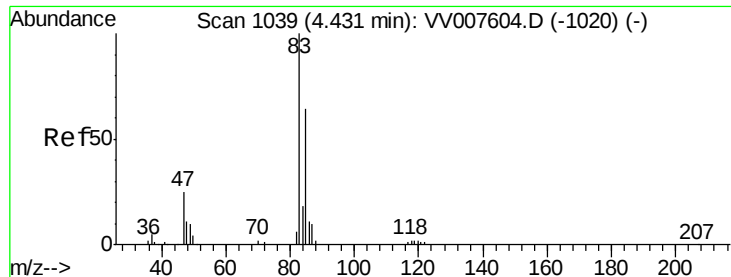
Ion Ratio Lower Upper

84 100

86 57.5 44.4 82.4

49 105.0 72.3 134.3





#25

Chloroform

Concen: 0.114 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. -0.01 min

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Acq: 18 Sep 2018 21:28

Instrument :

MSVOA_V

ClientSampleId :

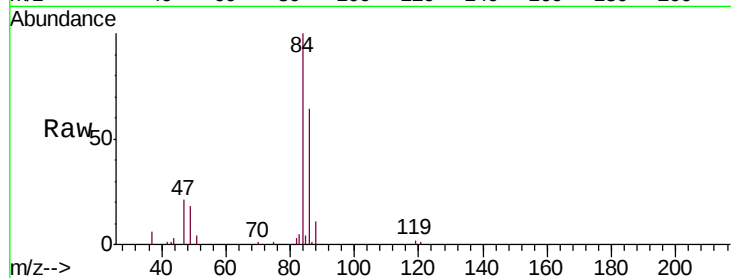
VHBLK01

Tgt Ion: 83 Resp: 1524

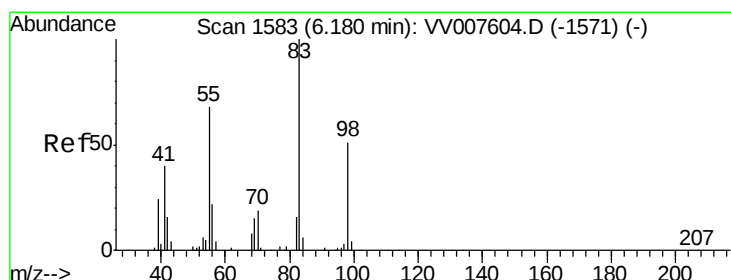
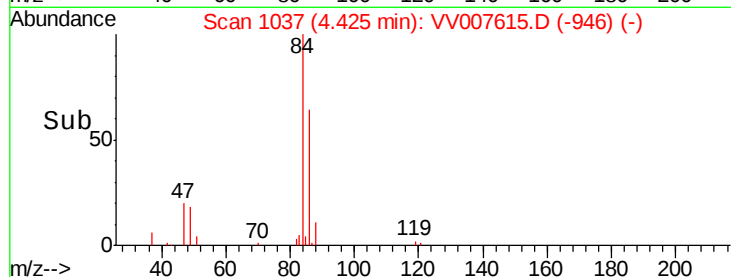
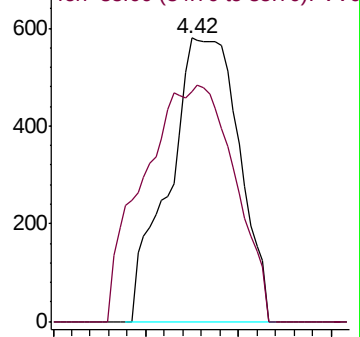
Ion Ratio Lower Upper

83 100

85 81.2 44.5 82.7



Abundance Ion 83.05 (82.75 to 83.75): VV007604.D (-1020) (-)



#35

Methylcyclohexane

Concen: 0.610 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.05 min

Lab File: VV007615.D

Acq: 18 Sep 2018 21:28

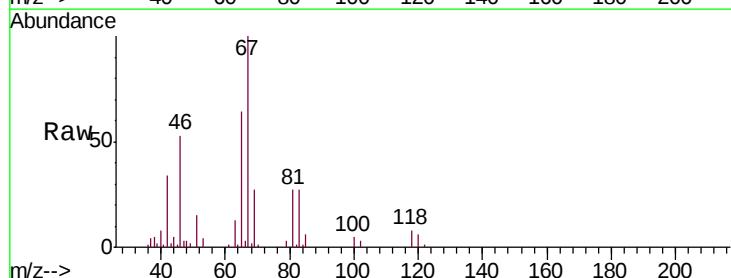
Tgt Ion: 83 Resp: 8069

Ion Ratio Lower Upper

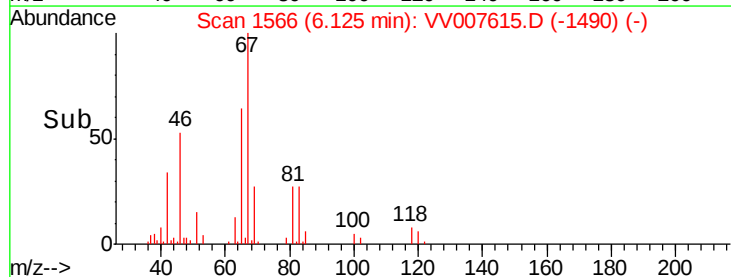
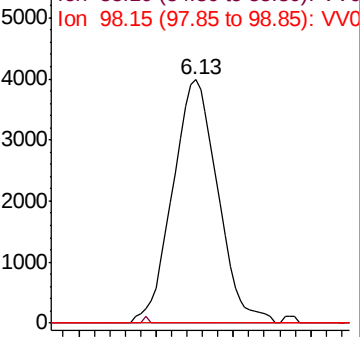
83 100

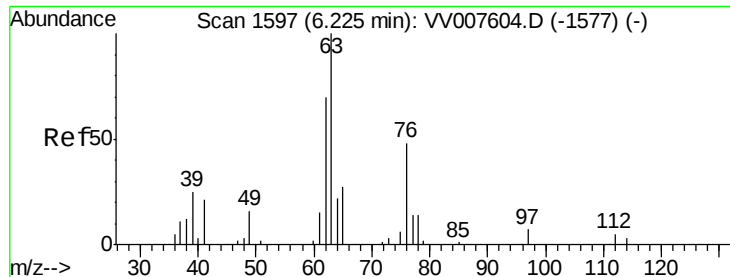
55 0.2 54.6 82.0#

98 0.0 39.8 59.6#



Abundance Ion 83.15 (82.85 to 83.85): VV007604.D (-1571) (-)

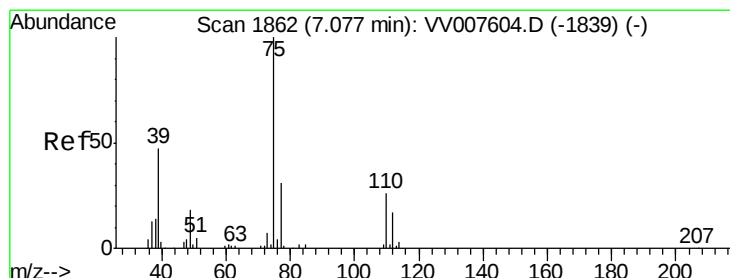
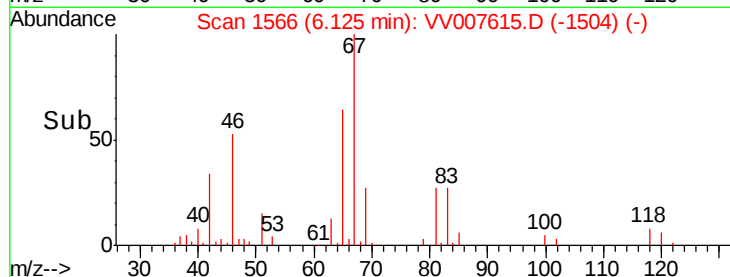
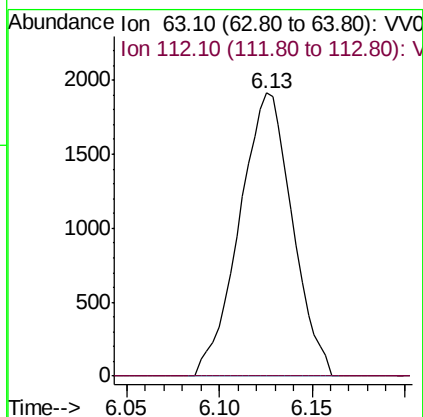
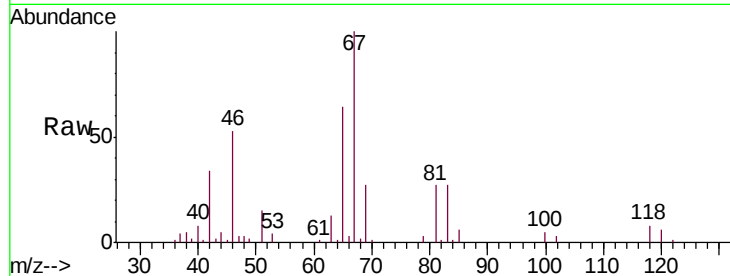




#37
 1,2-Dichloropropane
 Concen: 0.608 ug/L
 RT: 6.13 min Scan# 1566
 Delta R.T. -0.10 min
 Lab File: VV007615.D
 Acq: 18 Sep 2018 21:28

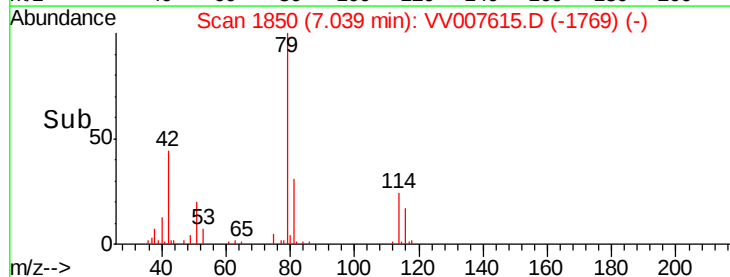
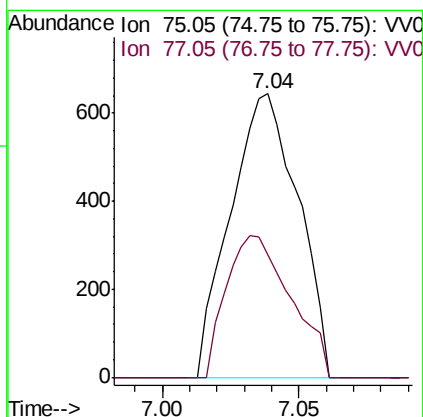
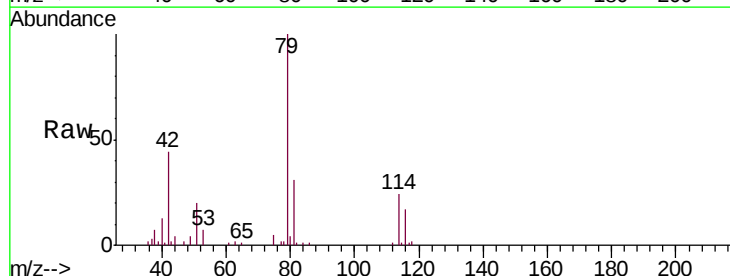
Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

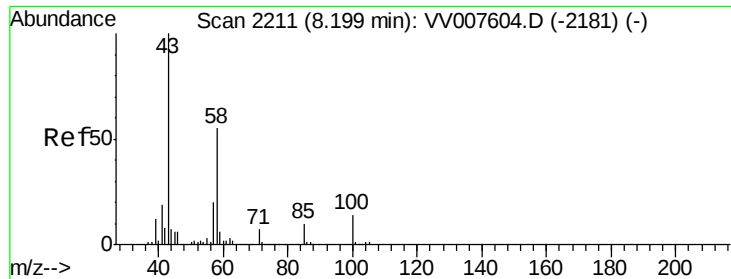
Tgt Ion: 63 Resp: 3791
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.107 ug/L
 RT: 7.04 min Scan# 1850
 Delta R.T. -0.04 min
 Lab File: VV007615.D
 Acq: 18 Sep 2018 21:28

Tgt Ion: 75 Resp: 1107
 Ion Ratio Lower Upper
 75 100
 77 43.3 23.0 42.8#





#48

2-Hexanone

Concen: 5.459 ug/L

RT: 8.20 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VV007615.D

Acq: 18 Sep 2018 21:28

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

Tgt Ion: 43 Resp: 15362

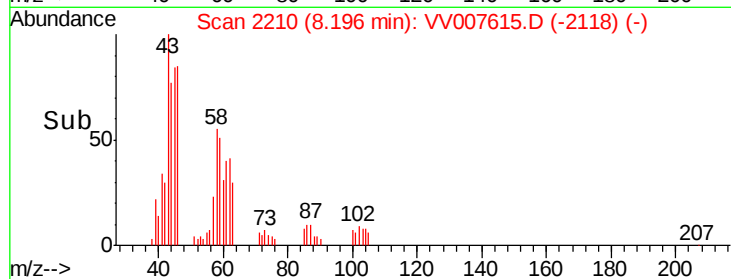
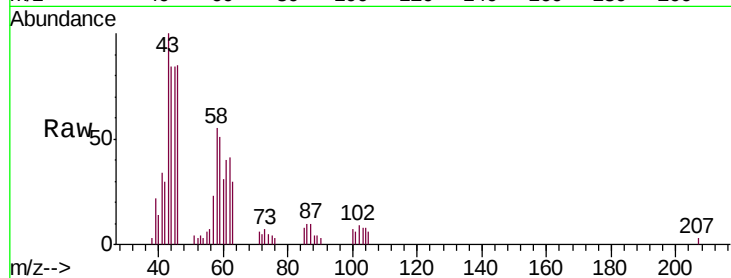
Ion Ratio Lower Upper

43 100

58 31.7 45.5 68.3#

57 9.9 16.3 24.5#

100 4.8 10.7 16.1#



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

