

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091518\
 Data File : VV007572.D
 Acq On : 15 Sep 2018 18:26
 Operator : SY/MD
 Sample : J4887-21
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK01

Quant Time: Sep 17 01:47:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Sep 17 01:45:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	117754	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	106261	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	55467	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24802	4.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.60%
7) Chloroethane-d5	1.59	69	23035	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.40%
11) 1,1-Dichloroethene-d2	2.14	63	44656	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	3.97	46	44190	51.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.02%
24) Chloroform-d	4.41	84	56283	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	5.09	65	29190	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.10	84	113451	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.13	67	33094	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.36	98	113533	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	7.67	79	13237	3.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.60%
46) 2-Hexanone-d5	8.15	63	19633	36.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.98%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	21492	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	49038	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

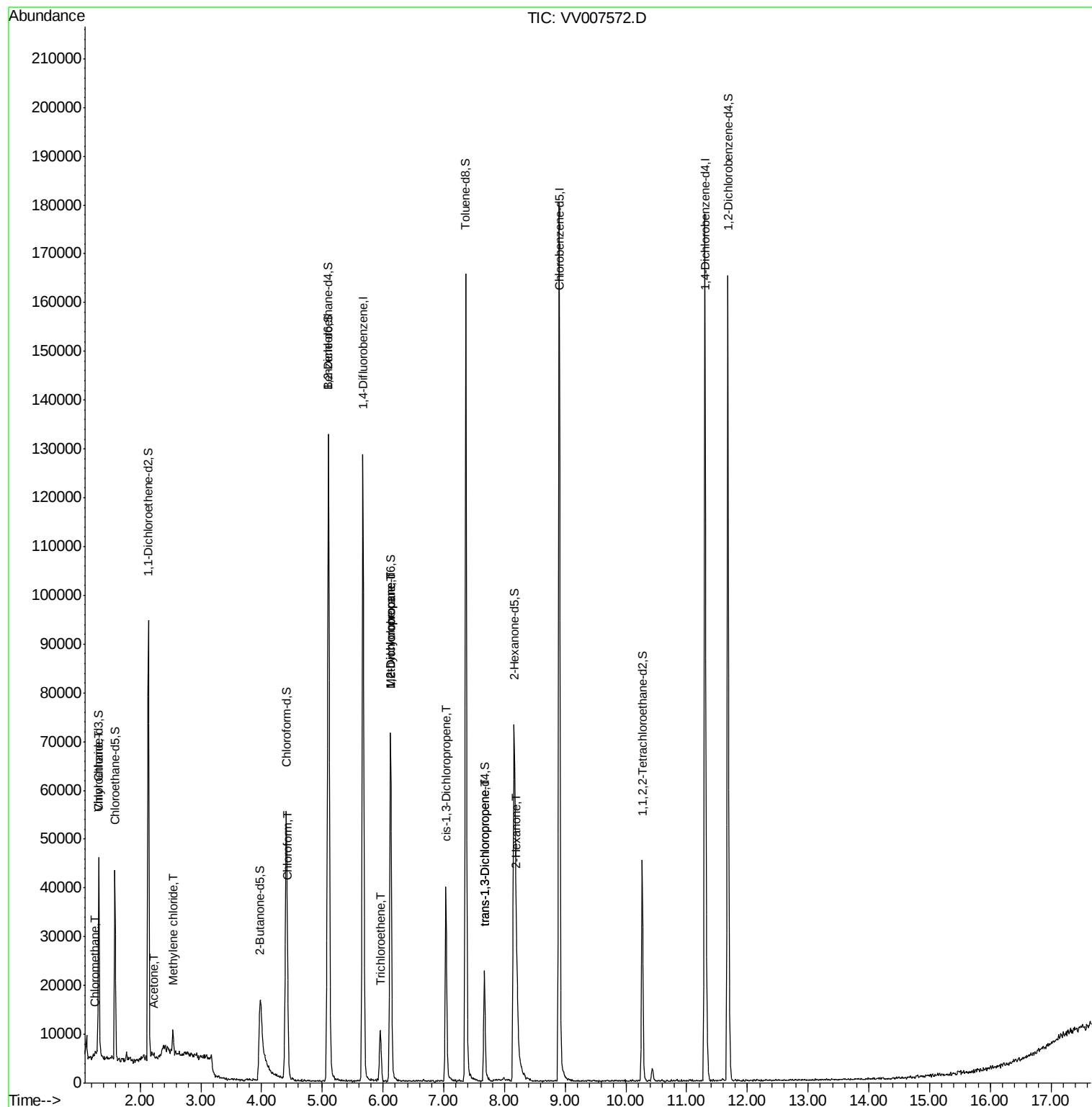
					Qvalue
3) Chloromethane	1.25	50	482	0.087 ug/L	87
8) Chloroethane	1.32	64	306	0.081 ug/L #	1
13) Acetone	2.23	43	1136	2.027 ug/L	84
16) Methylene chloride	2.54	84	1912	0.296 ug/L	97
25) Chloroform	4.43	83	1400	0.129 ug/L	75
34) Trichloroethene	5.96	95	1394	0.207 ug/L	90
35) Methylcyclohexane	6.13	83	8394	0.808 ug/L #	30
37) 1,2-Dichloropropane	6.12	63	3810	0.705 ug/L #	85
39) cis-1,3-Dichloropropene	7.04	75	1030	0.120 ug/L #	72
44) trans-1,3-Dichloropropene	7.67	75	676	0.096 ug/L	96
48) 2-Hexanone	8.20	43	9308	4.107 ug/L #	37

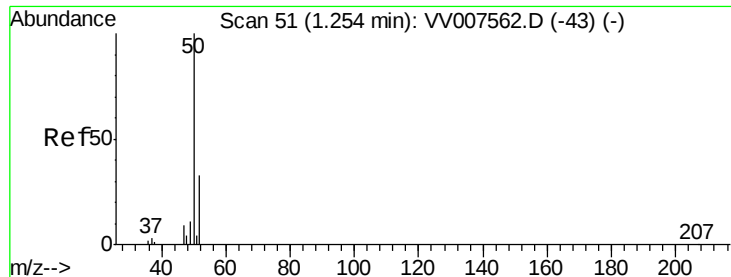
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 17 01:45:59 2018
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.087 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV007572.D

Acq: 15 Sep 2018 18:26

Instrument :

MSVOA_W

ClientSampleId :

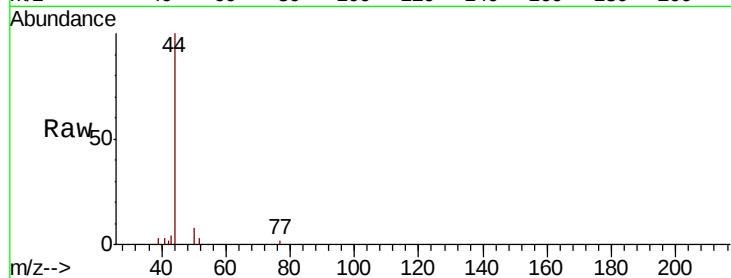
VHBLK01

Tgt Ion: 50 Resp: 482

Ion Ratio Lower Upper

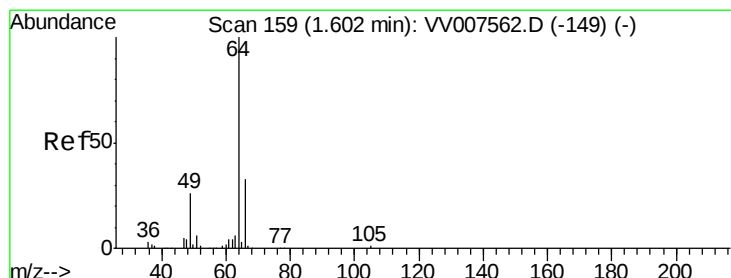
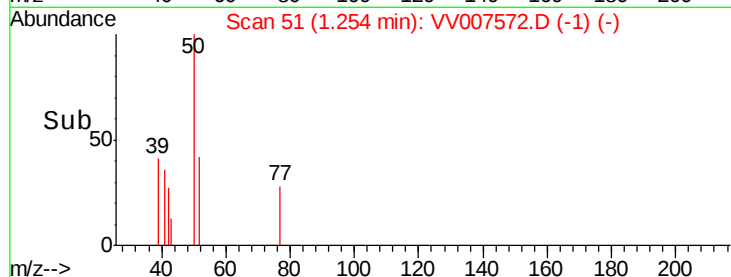
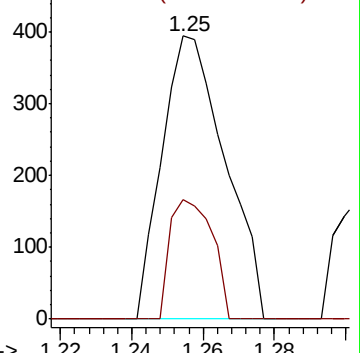
50 100

52 42.1 24.3 45.1



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#8

Chloroethane

Concen: 0.081 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.28 min

Lab File: VV007572.D

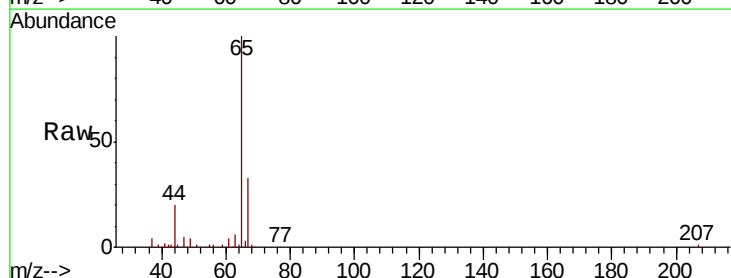
Acq: 15 Sep 2018 18:26

Tgt Ion: 64 Resp: 306

Ion Ratio Lower Upper

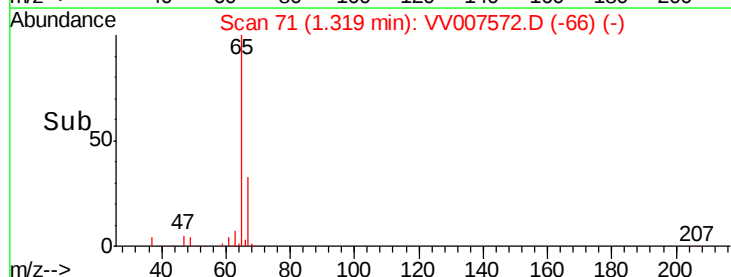
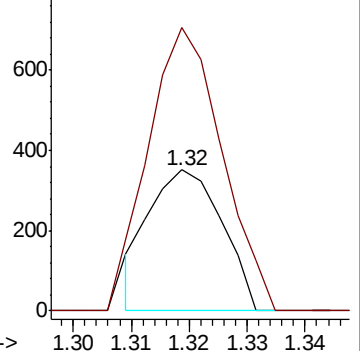
64 100

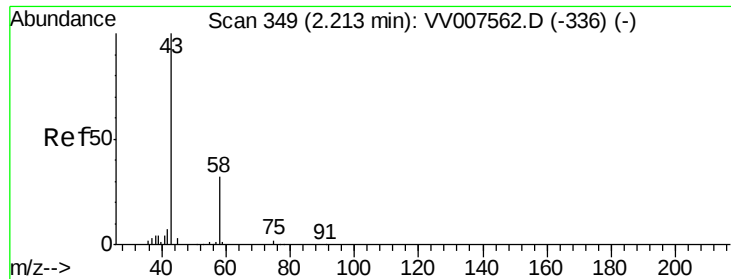
66 200.9 24.3 45.1#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0





#13

Acetone

Concen: 2.027 ug/L

RT: 2.23 min Scan# 353

Delta R.T. 0.02 min

Lab File: VV007572.D

Acq: 15 Sep 2018 18:26

Instrument :

MSVOA_W

ClientSampleId :

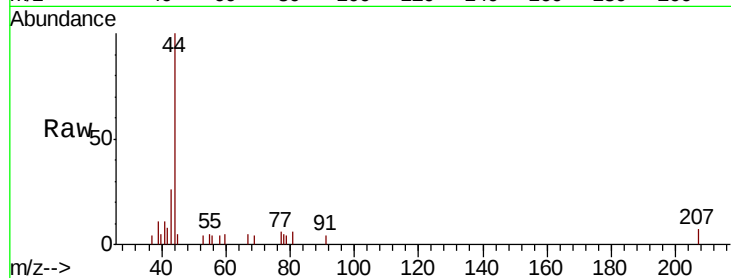
VHBLK01

Tgt Ion: 43 Resp: 1136

Ion Ratio Lower Upper

43 100

58 22.8 0.0 63.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

800

600

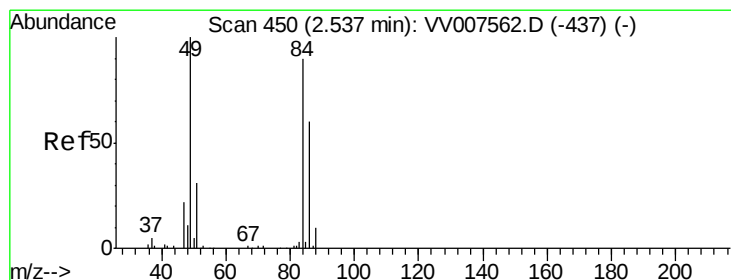
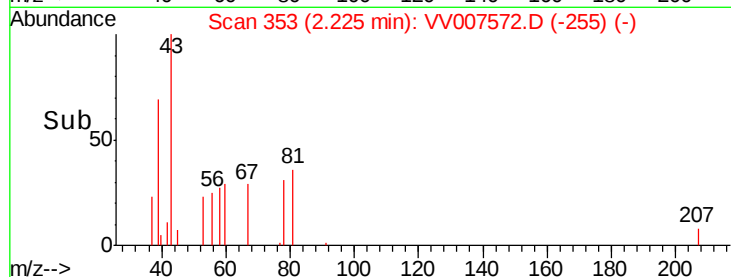
400

200

0

2.15 2.20 2.25

Time-->



#16

Methylene chloride

Concen: 0.296 ug/L

RT: 2.54 min Scan# 451

Delta R.T. 0.00 min

Lab File: VV007572.D

Acq: 15 Sep 2018 18:26

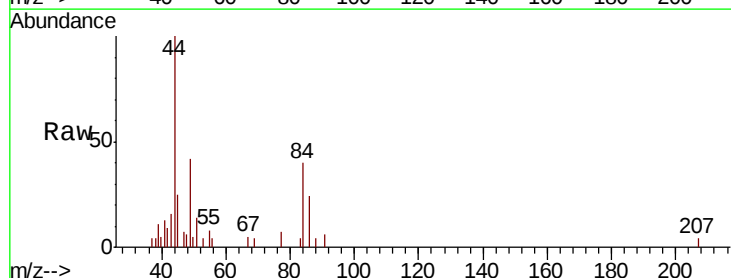
Tgt Ion: 84 Resp: 1912

Ion Ratio Lower Upper

84 100

86 60.0 43.7 81.1

49 106.6 76.8 142.6



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

1500

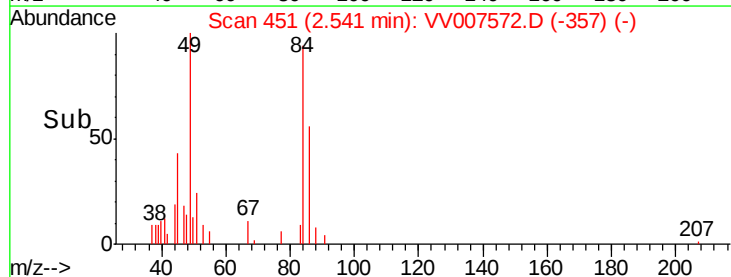
1000

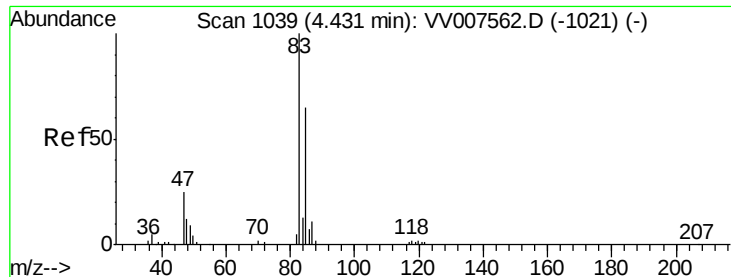
500

0

2.50 2.55

Time-->





#25

Chloroform

Concen: 0.129 ug/L

RT: 4.43 min Scan# 1040

Delta R.T. 0.00 min

Lab File: VV007572.D

Acq: 15 Sep 2018 18:26

Instrument :

MSVOA_W

ClientSampleId :

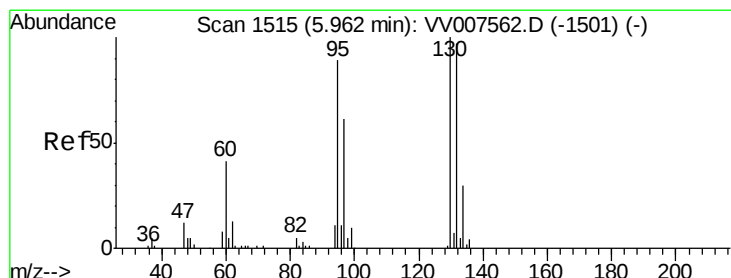
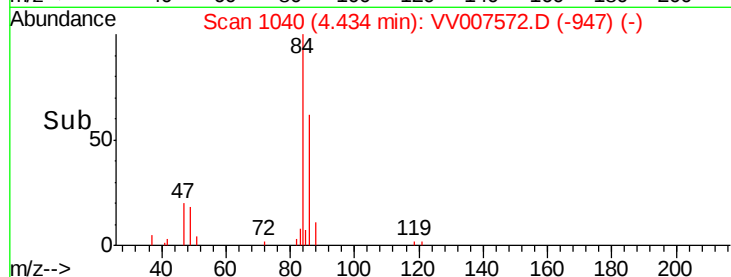
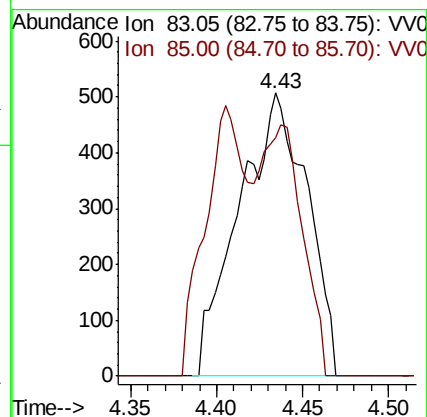
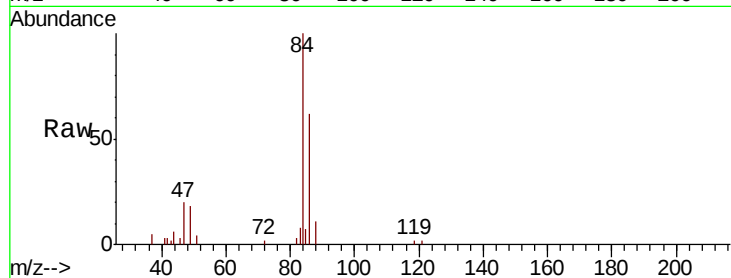
VHBLK01

Tgt Ion: 83 Resp: 1400

Ion Ratio Lower Upper

83 100

85 84.4 45.5 84.5



#34

Trichloroethene

Concen: 0.207 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV007572.D

Acq: 15 Sep 2018 18:26

Tgt Ion: 95 Resp: 1394

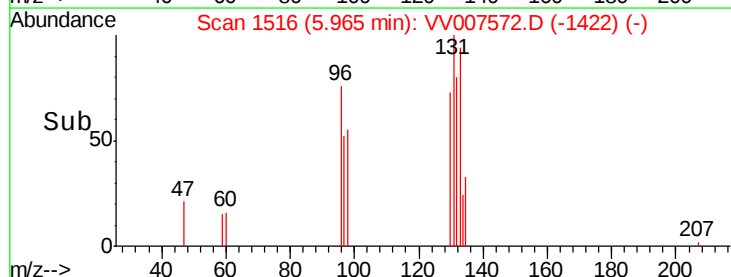
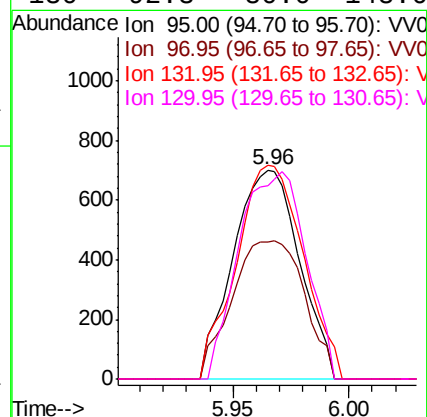
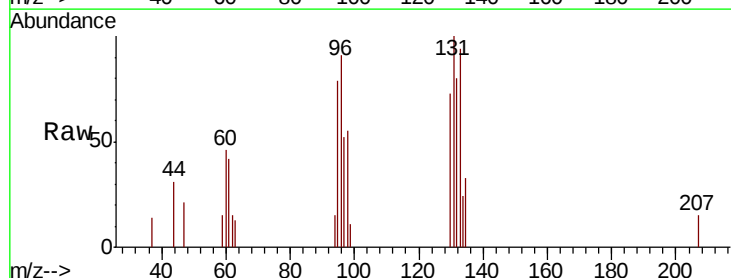
Ion Ratio Lower Upper

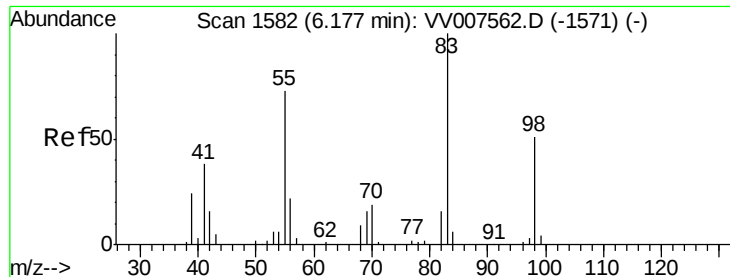
95 100

97 65.8 45.5 84.5

132 102.1 74.9 139.1

130 92.3 80.0 148.6

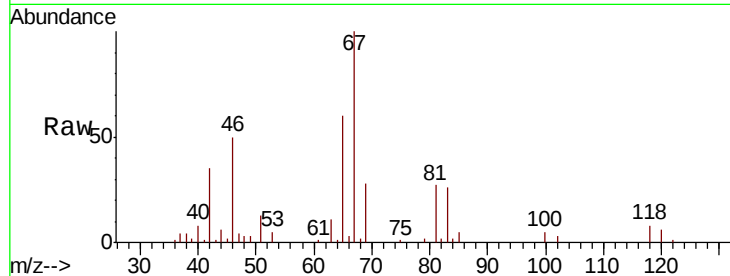




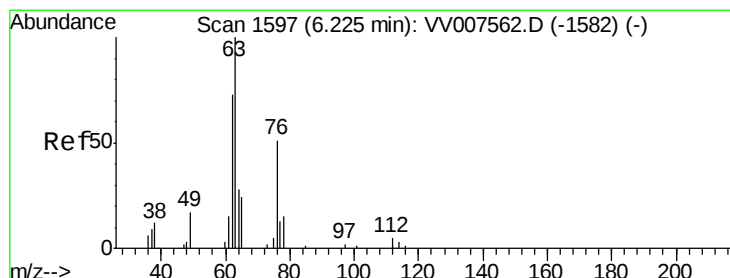
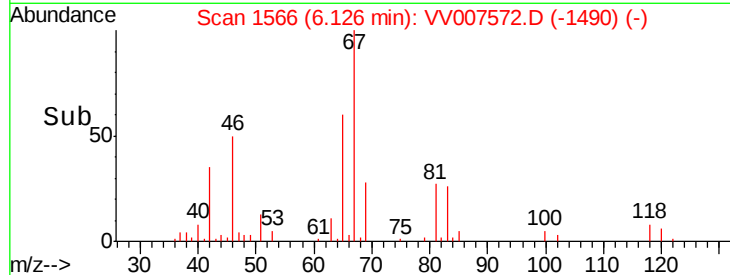
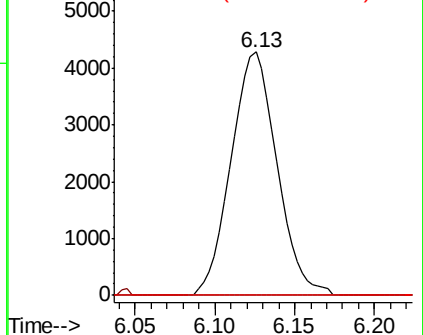
#35
Methylcyclohexane
Concen: 0.808 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV007572.D
Acq: 15 Sep 2018 18:26

Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

Tgt Ion: 83 Resp: 8394
Ion Ratio Lower Upper
83 100
55 0.5 55.0 82.4#
98 13.2 37.6 56.4#

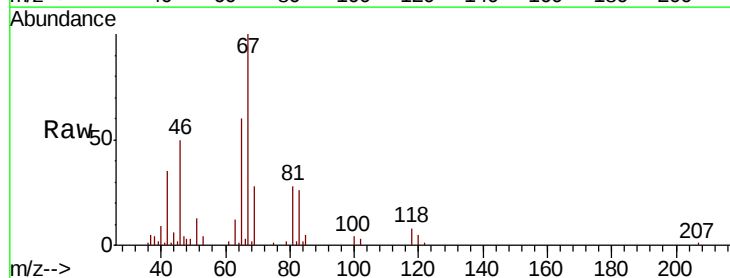


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

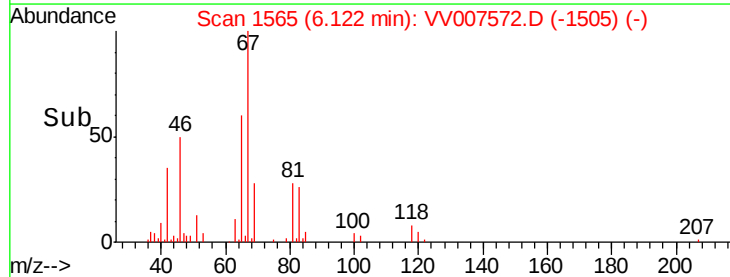
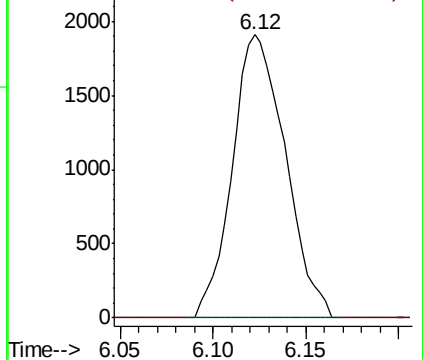


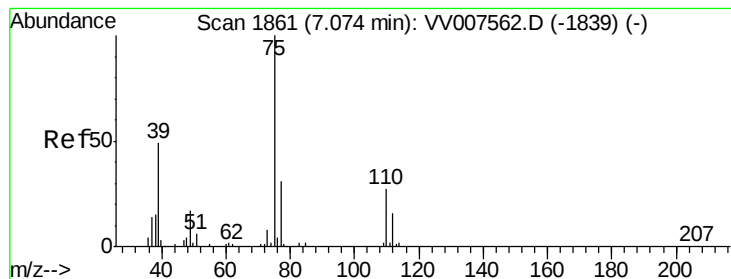
#37
1,2-Dichloropropane
Concen: 0.705 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.11 min
Lab File: VV007572.D
Acq: 15 Sep 2018 18:26

Tgt Ion: 63 Resp: 3810
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V



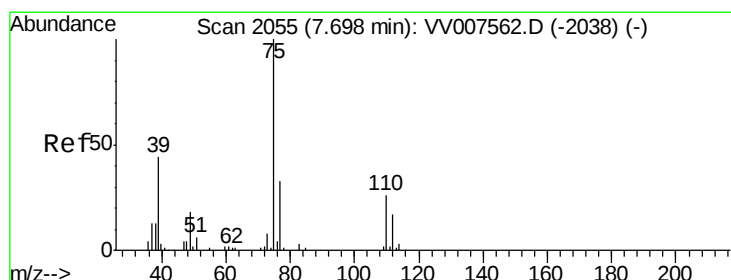
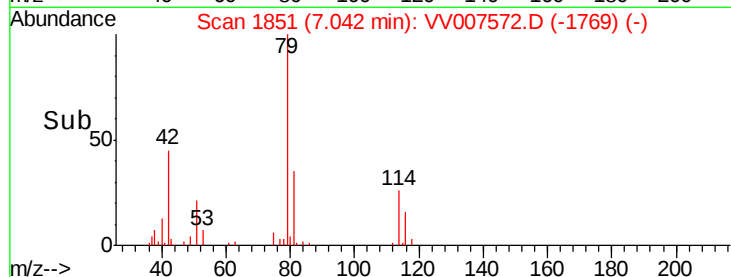
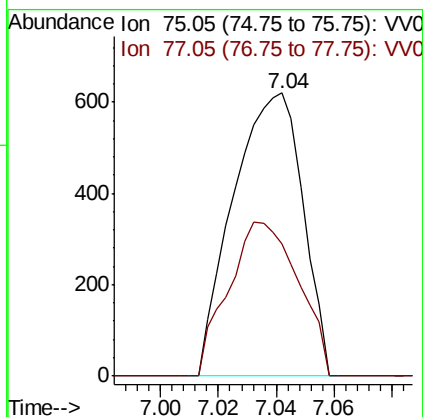
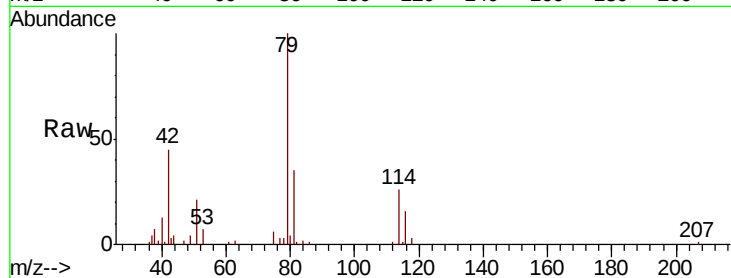


#39

cis-1,3-Dichloropropene
 Concen: 0.120 ug/L
 RT: 7.04 min Scan# 1851
 Delta R.T. -0.04 min
 Lab File: VV007572.D
 Acq: 15 Sep 2018 18:26

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 VHBLK01

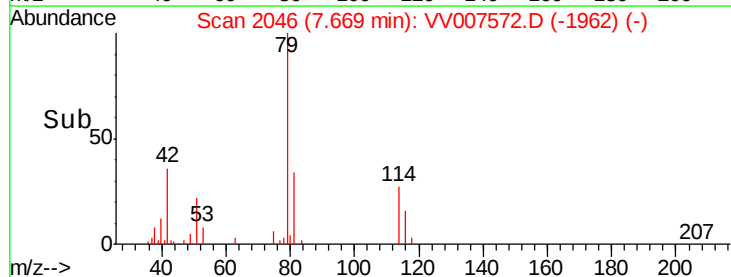
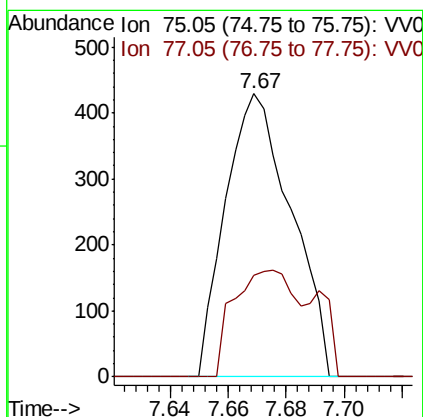
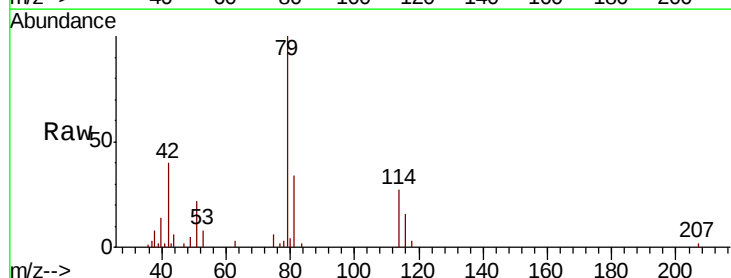
Tgt Ion: 75 Resp: 1030
 Ion Ratio Lower Upper
 75 100
 77 46.8 22.0 41.0#

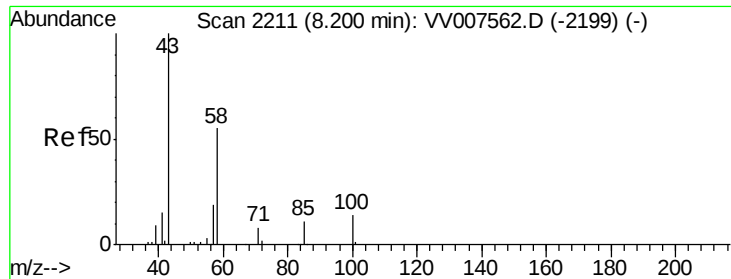


#44

trans-1,3-Dichloropropene
 Concen: 0.096 ug/L
 RT: 7.67 min Scan# 2046
 Delta R.T. -0.03 min
 Lab File: VV007572.D
 Acq: 15 Sep 2018 18:26

Tgt Ion: 75 Resp: 676
 Ion Ratio Lower Upper
 75 100
 77 35.9 23.4 43.4





#48
 2-Hexanone
 Concen: 4.107 ug/L
 RT: 8.20 min Scan# 2212
 Delta R.T. 0.00 min
 Lab File: VV007572.D
 Acq: 15 Sep 2018 18:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK01

Tgt Ion: 43 Resp: 9308
 Ion Ratio Lower Upper
 43 100
 58 0.0 49.8 74.6#
 57 1.5 18.2 27.4#
 100 6.9 11.0 16.4#

