

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091518\
 Data File : VV007563.D
 Acq On : 15 Sep 2018 14:08
 Operator : SY/MD
 Sample : VV0914WBL01
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK62

Quant Time: Sep 17 01:46:19 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	117483	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	106188	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	54395	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	26228	4.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.40%
7) Chloroethane-d5	1.59	69	23945	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	2.14	63	47400	3.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.20%
20) 2-Butanone-d5	3.98	46	45597	53.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.54%
24) Chloroform-d	4.41	84	57682	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.09	65	29165	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	5.10	84	116555	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.12	67	34275	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	7.36	98	117723	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
43) trans-1,3-Dichloropropene-	7.67	79	13811	4.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.20%
46) 2-Hexanone-d5	8.15	63	19033	35.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.76%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	20972	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	49794	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

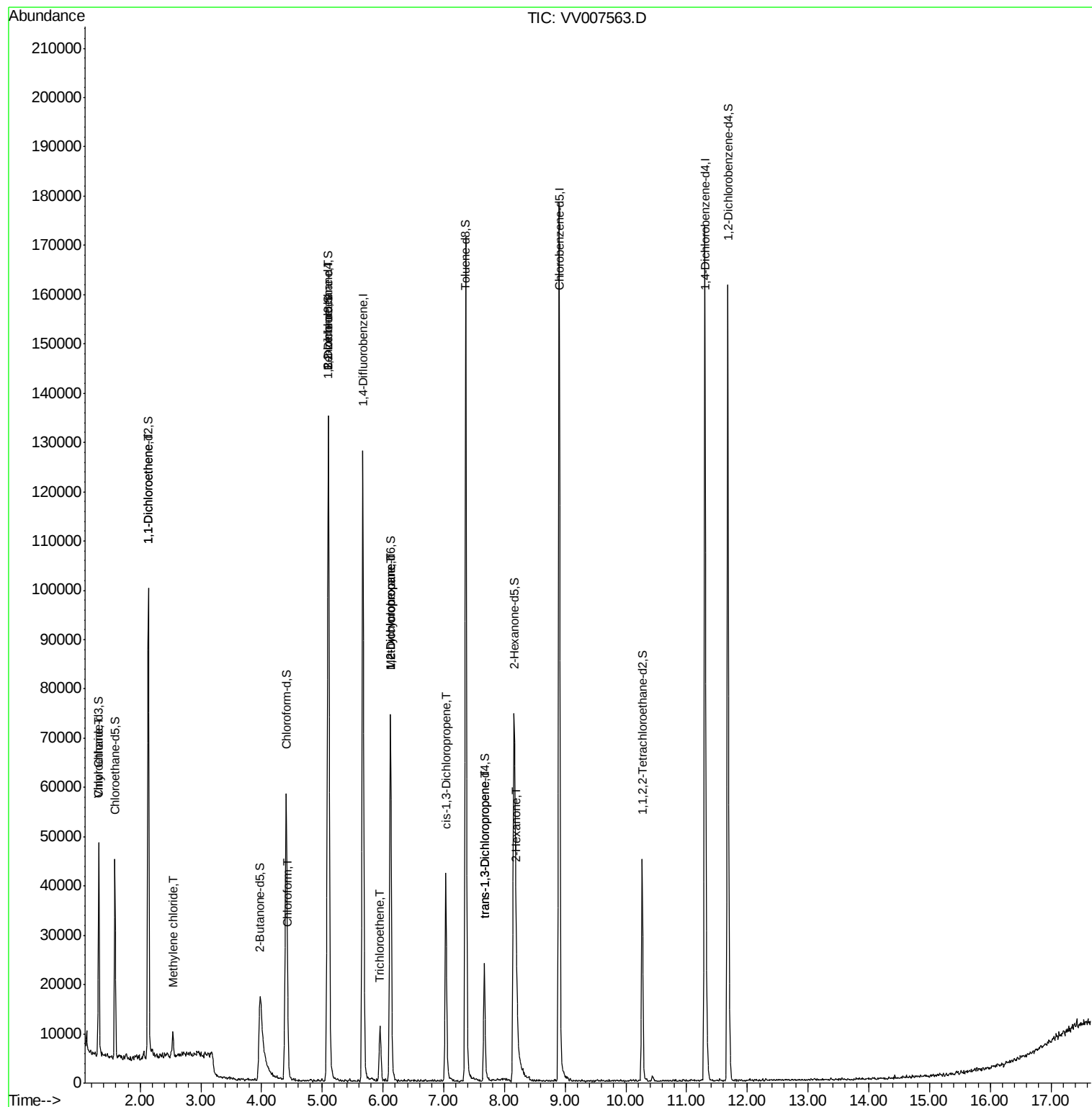
					Qvalue
8) Chloroethane	1.32	64	401	0.107 ug/L #	1
12) 1,1-Dichloroethene	2.13	96	613	0.103 ug/L #	1
16) Methylene chloride	2.54	84	2141	0.332 ug/L	95
25) Chloroform	4.44	83	1821	0.168 ug/L	99
27) 1,2-Dichloroethane	5.10	62	743	0.119 ug/L #	74
34) Trichloroethene	5.96	95	1035	0.154 ug/L	92
35) Methylcyclohexane	6.12	83	8835	0.851 ug/L #	22
37) 1,2-Dichloropropane	6.12	63	3972	0.735 ug/L #	85
39) cis-1,3-Dichloropropene	7.03	75	1159	0.135 ug/L #	55
44) trans-1,3-Dichloropropene	7.67	75	602	0.085 ug/L	84
48) 2-Hexanone	8.20	43	12654	5.587 ug/L #	66

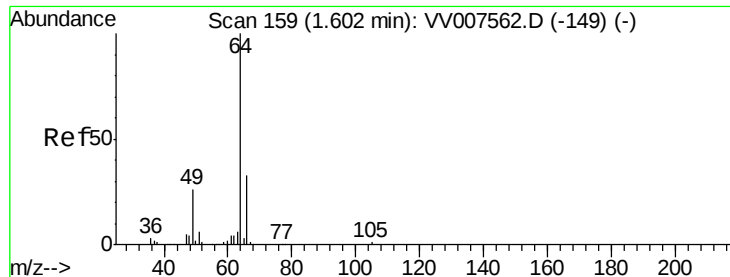
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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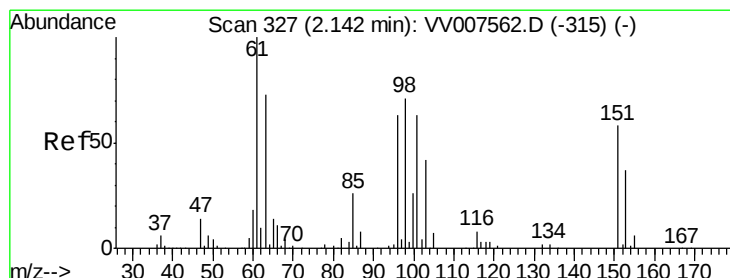
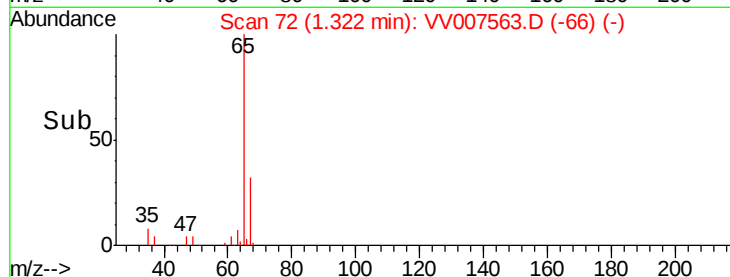
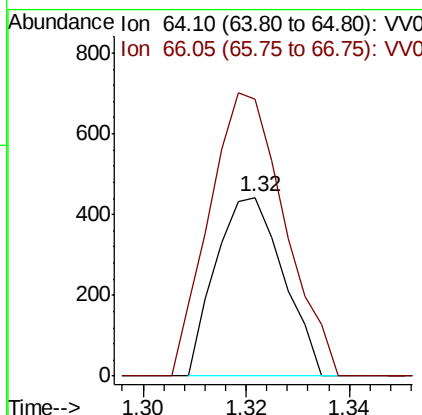
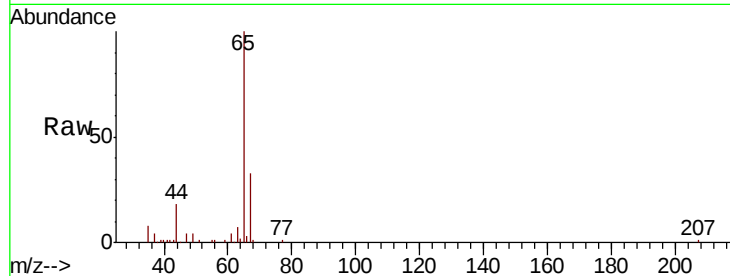




#8
Chloroethane
Concen: 0.107 ug/L
RT: 1.32 min Scan# 72
Delta R.T. -0.28 min
Lab File: VV007563.D
Acq: 15 Sep 2018 14:08

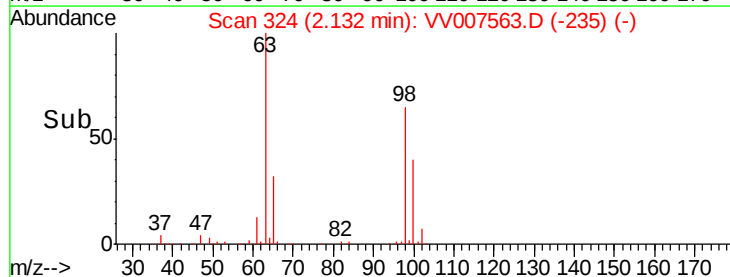
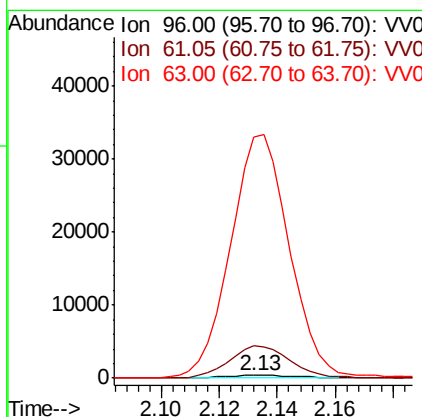
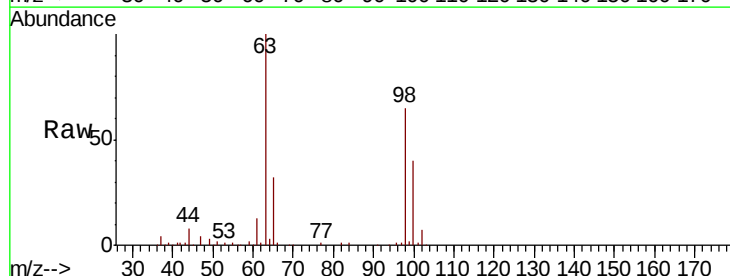
Instrument :
MSVOA_W
ClientSampleId :
VBLK62

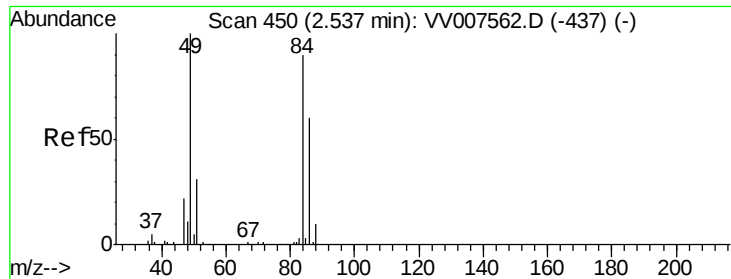
Tgt Ion: 64 Resp: 401
Ion Ratio Lower Upper
64 100
66 155.4 24.3 45.1#



#12
1,1-Dichloroethene
Concen: 0.103 ug/L
RT: 2.13 min Scan# 324
Delta R.T. -0.01 min
Lab File: VV007563.D
Acq: 15 Sep 2018 14:08

Tgt Ion: 96 Resp: 613
Ion Ratio Lower Upper
96 100
61 1238.1 114.8 213.2#
63 9319.8 81.8 151.8#

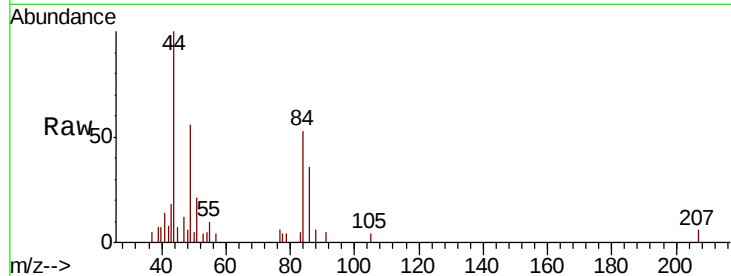




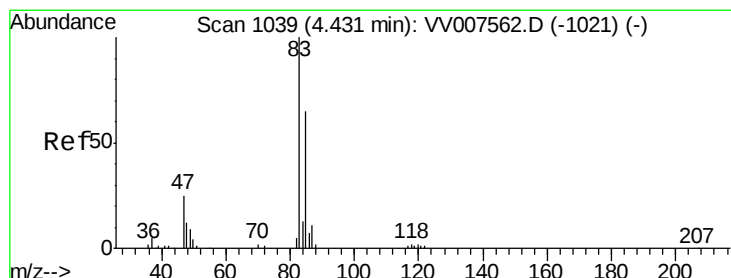
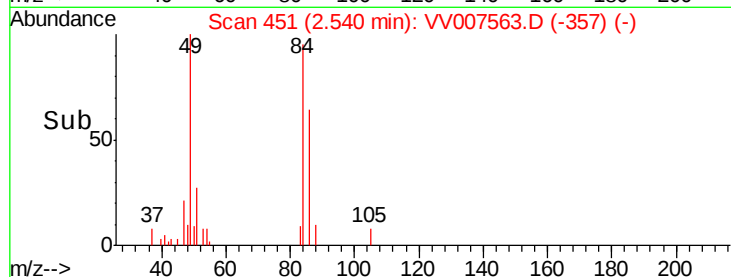
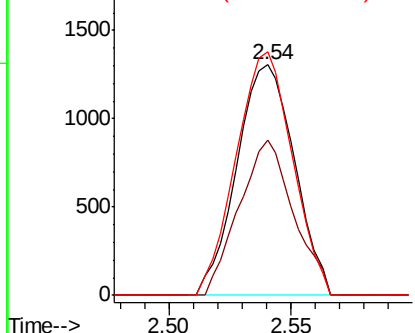
#16
Methylene chloride
Concen: 0.332 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.00 min
Lab File: VV007563.D
Acq: 15 Sep 2018 14:08

Instrument :
MSVOA_W
ClientSampleId :
VBLK62

Tgt Ion: 84 Resp: 2141
Ion Ratio Lower Upper
84 100
86 67.3 43.7 81.1
49 105.6 76.8 142.6

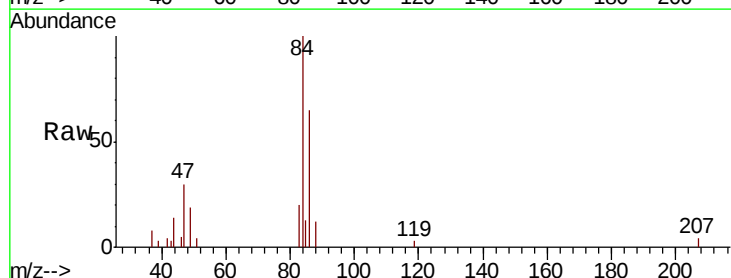


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

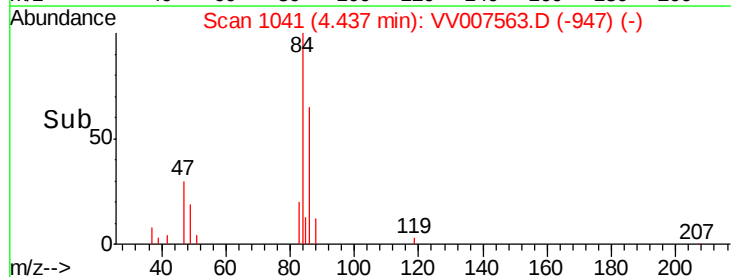
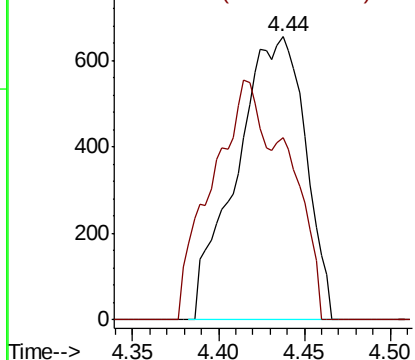


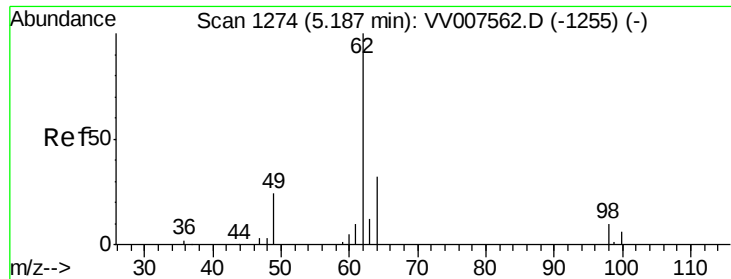
#25
Chloroform
Concen: 0.168 ug/L
RT: 4.44 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VV007563.D
Acq: 15 Sep 2018 14:08

Tgt Ion: 83 Resp: 1821
Ion Ratio Lower Upper
83 100
85 64.3 45.5 84.5



Abundance Ion 83.05 (82.75 to 83.75): VV0
Ion 85.00 (84.70 to 85.70): VV0





#27

1,2-Dichloroethane

Concen: 0.119 ug/L

RT: 5.10 min Scan# 1248

Delta R.T. -0.08 min

Lab File: VV007563.D

Acq: 15 Sep 2018 14:08

Instrument :

MSVOA_W

ClientSampleId :

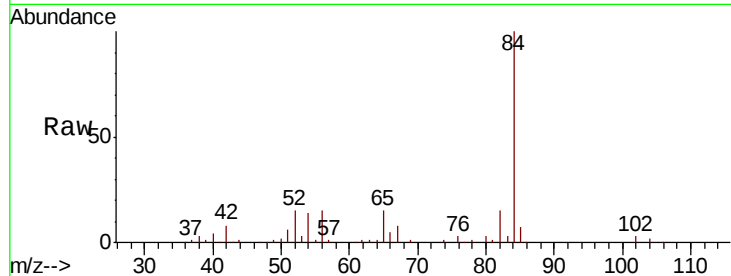
VBLK62

Tgt Ion: 62 Resp: 743

Ion Ratio Lower Upper

62 100

98 0.0 7.6 11.4#



Abundance Ion 62.00 (61.70 to 62.70): VV007562.D (-1255) (-)

Ion 98.05 (97.75 to 98.75): VV007562.D (-1255) (-)

5.10

400

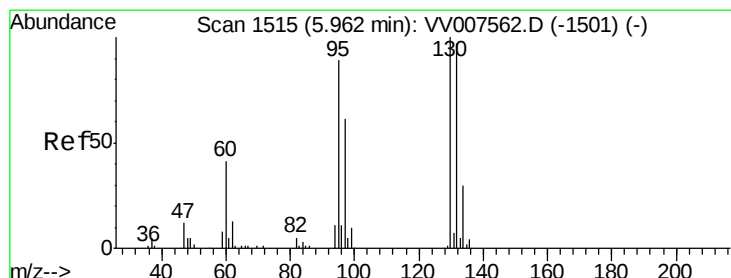
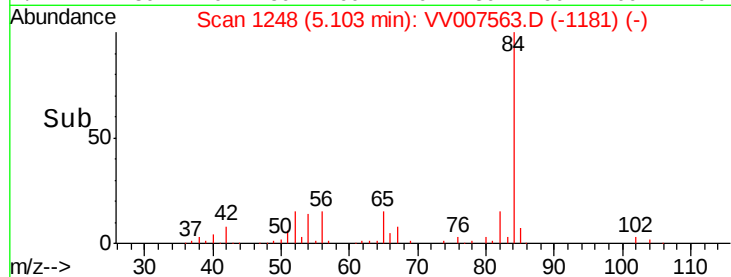
300

200

100

0

Time--> 5.05 5.10 5.15



#34

Trichloroethene

Concen: 0.154 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV007563.D

Acq: 15 Sep 2018 14:08

Tgt Ion: 95 Resp: 1035

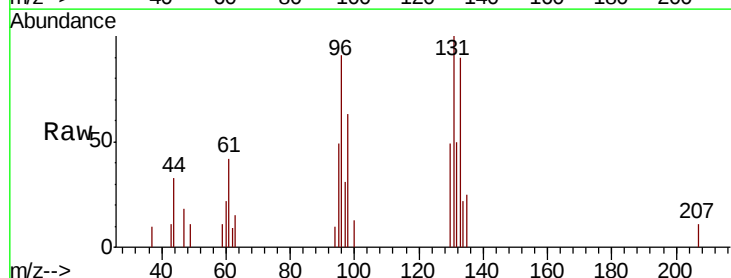
Ion Ratio Lower Upper

95 100

97 62.3 45.5 84.5

132 102.4 74.9 139.1

130 100.0 80.0 148.6



Abundance Ion 95.00 (94.70 to 95.70): VV007562.D (-1501) (-)

Ion 96.95 (96.65 to 97.65): VV007562.D (-1501) (-)

Ion 131.95 (131.65 to 132.65): VV007562.D (-1501) (-)

Ion 129.95 (129.65 to 130.65): VV007562.D (-1501) (-)

800

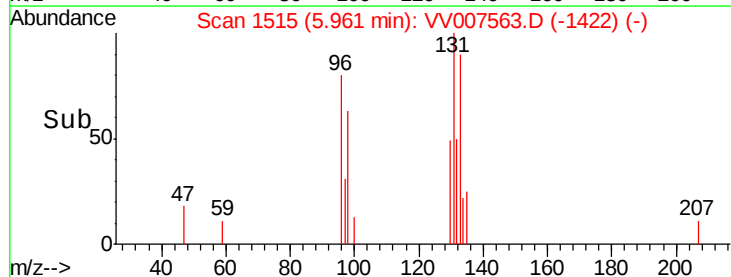
600

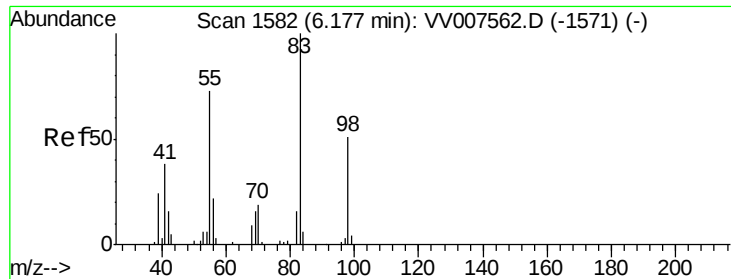
400

200

0

Time--> 5.95 5.96 6.00

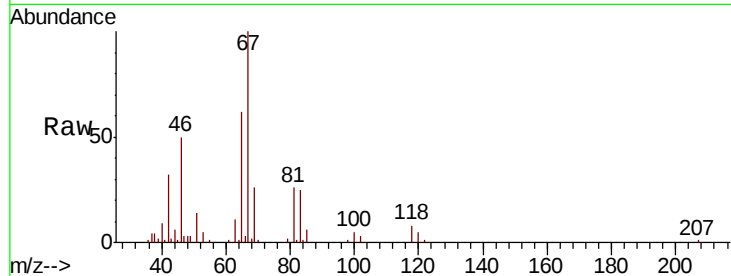




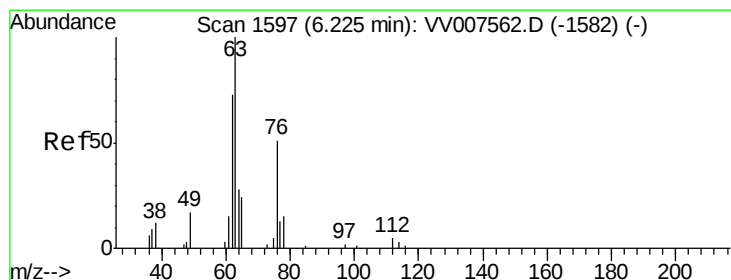
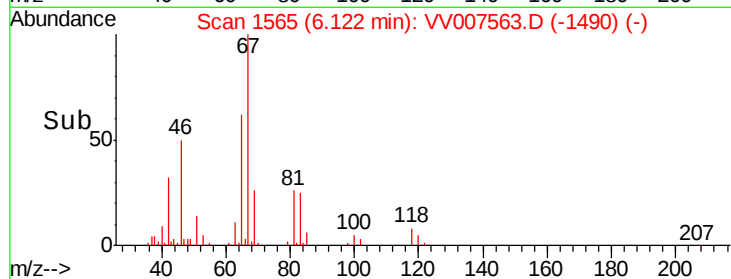
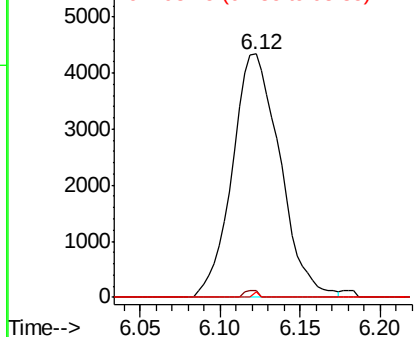
#35
Methylcyclohexane
Concen: 0.851 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.06 min
Lab File: VV007563.D
Acq: 15 Sep 2018 14:08

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Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.7	55.0	82.4#
98	0.0	37.6	56.4#

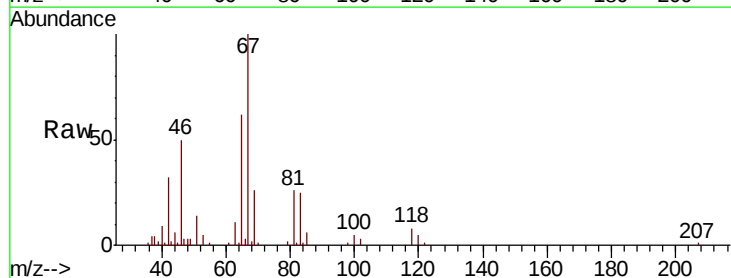


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

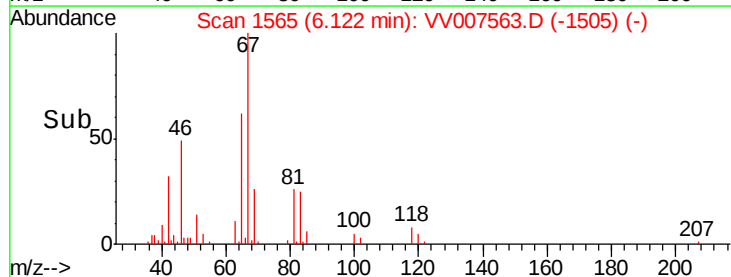
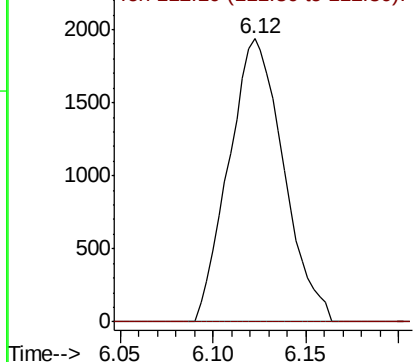


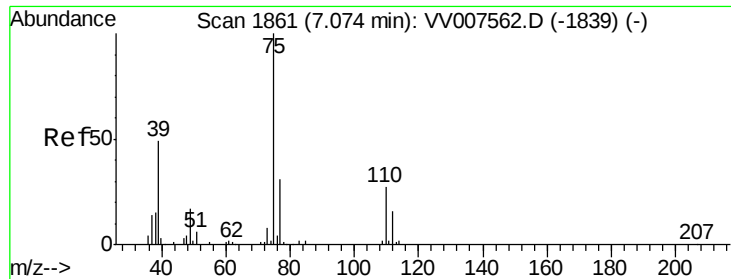
#37
1,2-Dichloropropane
Concen: 0.735 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.11 min
Lab File: VV007563.D
Acq: 15 Sep 2018 14:08

Tgt 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: 0.135 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV007563.D

Acq: 15 Sep 2018 14:08

Instrument :

MSVOA_W

ClientSampleId :

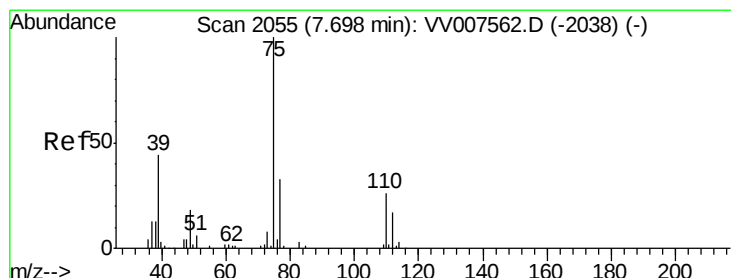
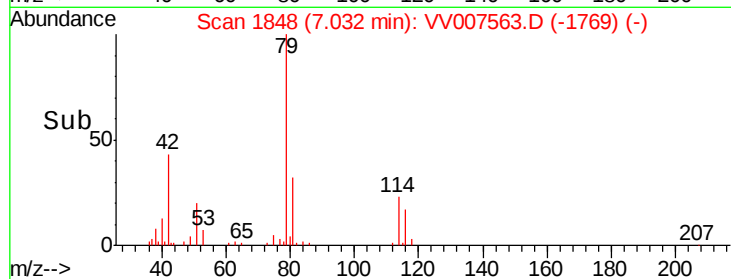
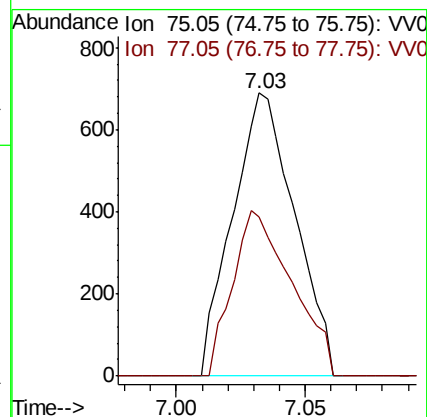
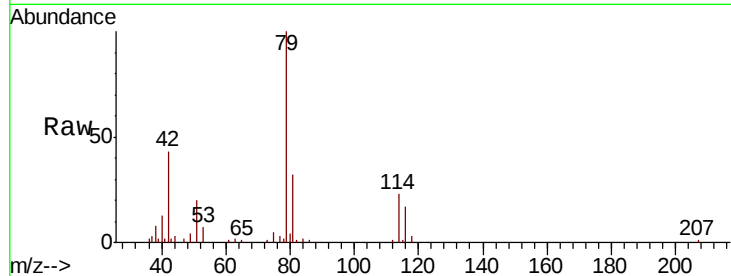
VBLK62

Tgt Ion: 75 Resp: 1159

Ion Ratio Lower Upper

75 100

77 56.5 22.0 41.0#



#44

trans-1,3-Dichloropropene

Concen: 0.085 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

Lab File: VV007563.D

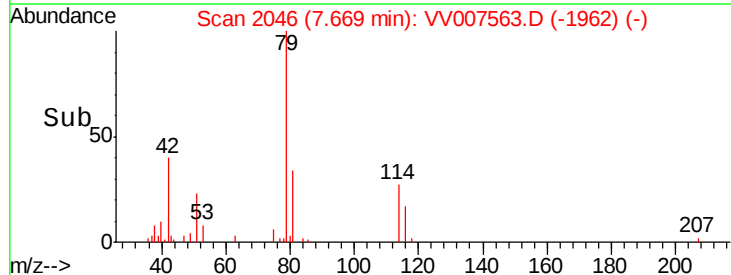
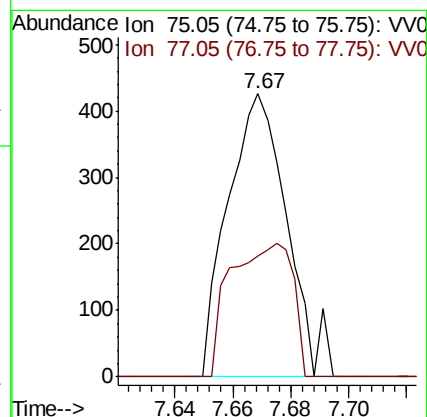
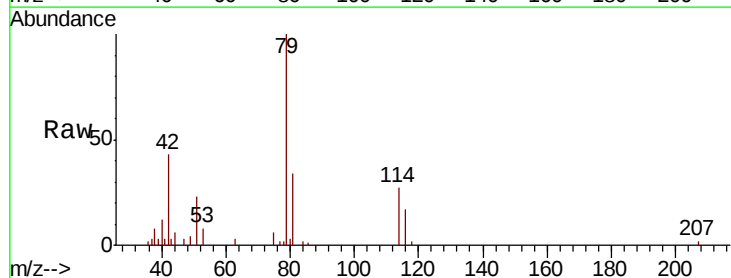
Acq: 15 Sep 2018 14:08

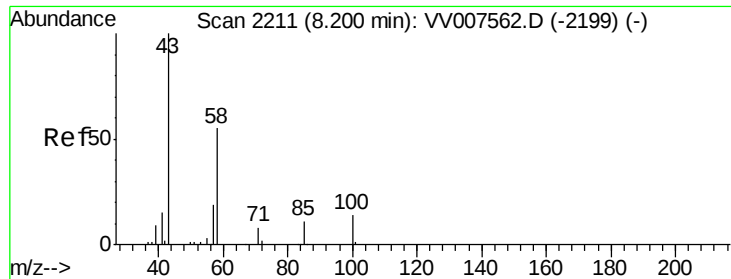
Tgt Ion: 75 Resp: 602

Ion Ratio Lower Upper

75 100

77 42.5 23.4 43.4





#48

2-Hexanone

Concen: 5.587 ug/L

RT: 8.20 min Scan# 2211

Delta R.T. 0.00 min

Lab File: VV007563.D

Acq: 15 Sep 2018 14:08

Instrument :

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VBLK62

Tgt Ion: 43 Resp: 12654

Ion Ratio Lower Upper

43 100

58 26.2 49.8 74.6#

57 25.1 18.2 27.4

100 3.8 11.0 16.4#

