

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091518\
 Data File : VV007567.D
 Acq On : 15 Sep 2018 16:12
 Operator : SY/MD
 Sample : J4872-09
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK01

Quant Time: Sep 17 01:46:44 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	117358	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	102440	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	53441	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25667	4.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.80%
7) Chloroethane-d5	1.59	69	24254	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.40%
11) 1,1-Dichloroethene-d2	2.14	63	46037	3.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.20%
20) 2-Butanone-d5	3.97	46	40438	47.29	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.58%
24) Chloroform-d	4.41	84	57368	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.09	65	29514	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	5.10	84	114776	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.12	67	34124	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.36	98	113816	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
43) trans-1,3-Dichloropropene-	7.67	79	13287	4.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.00%
46) 2-Hexanone-d5	8.15	63	19133	37.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.78%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	20835	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	48558	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

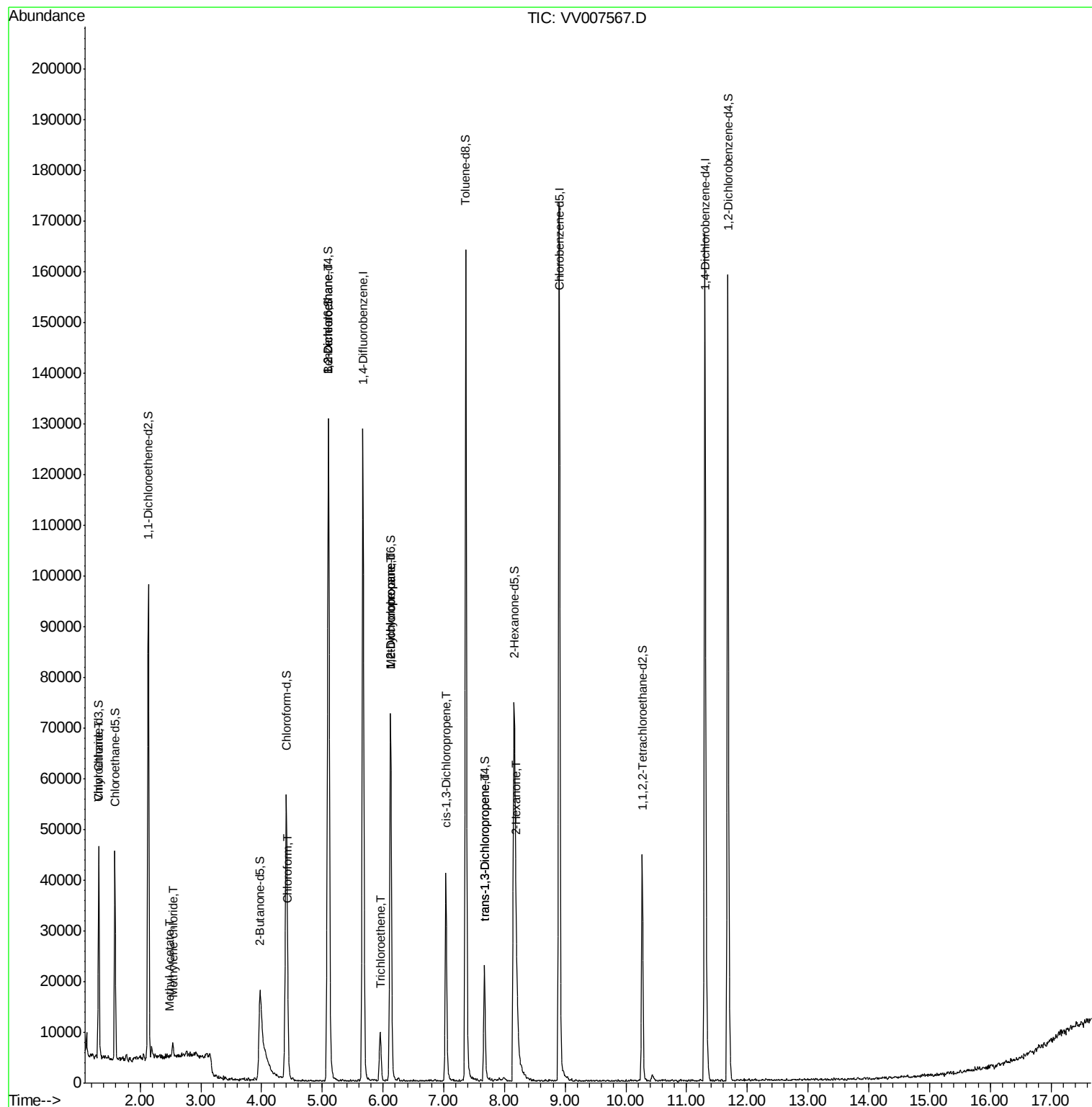
					Qvalue
8) Chloroethane	1.32	64	434	0.116 ug/L #	1
15) Methyl Acetate	2.47	43	226	0.148 ug/L #	43
16) Methylene chloride	2.54	84	1196	0.186 ug/L	85
25) Chloroform	4.44	83	1556	0.144 ug/L	93
27) 1,2-Dichloroethane	5.11	62	717	0.115 ug/L #	74
34) Trichloroethene	5.96	95	932	0.144 ug/L	98
35) Methylcyclohexane	6.13	83	8463	0.845 ug/L #	22
37) 1,2-Dichloropropane	6.12	63	3753	0.720 ug/L #	85
39) cis-1,3-Dichloropropene	7.03	75	1006	0.121 ug/L #	28
44) trans-1,3-Dichloropropene	7.67	75	676	0.099 ug/L #	41
48) 2-Hexanone	8.20	43	8564	3.919 ug/L #	69

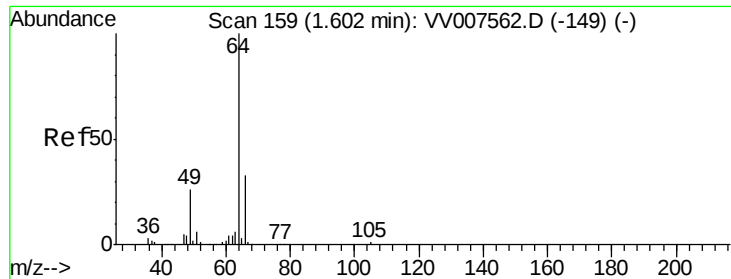
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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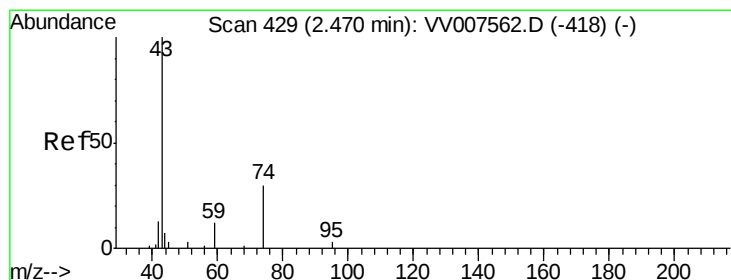
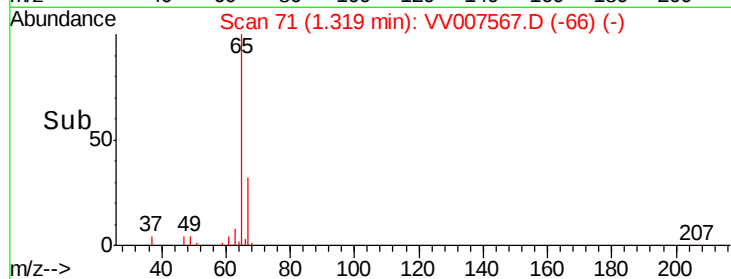
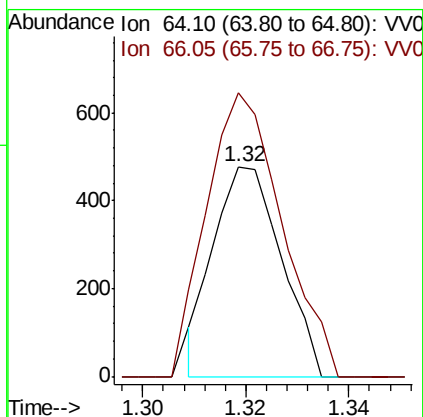
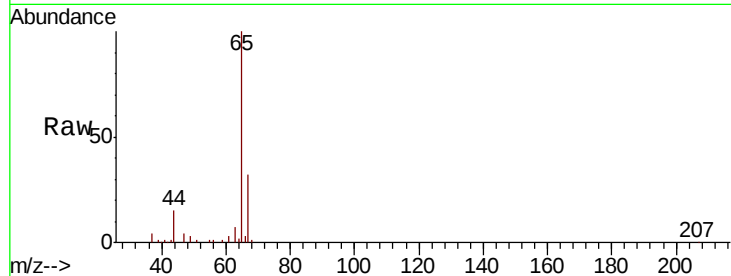




#8
Chloroethane
Concen: 0.116 ug/L
RT: 1.32 min Scan# 71
Delta R.T. -0.28 min
Lab File: VV007567.D
Acq: 15 Sep 2018 16:12

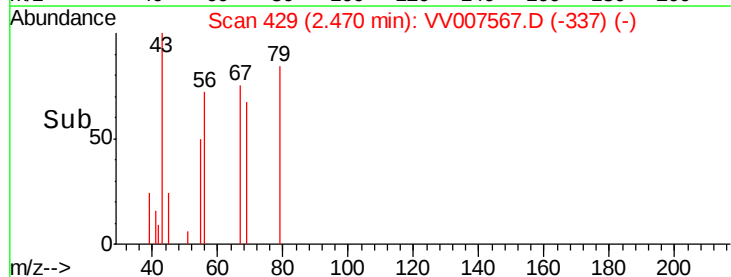
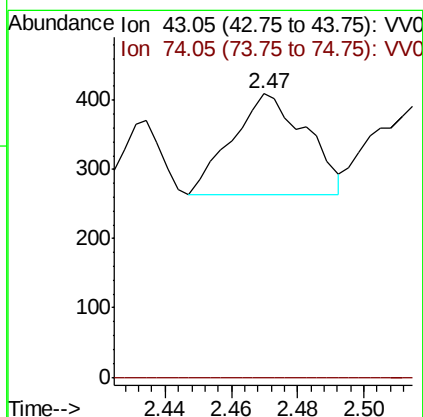
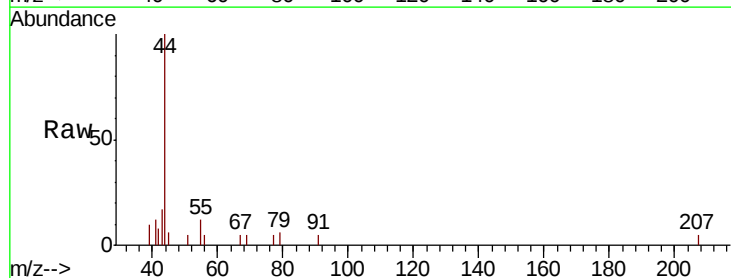
Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

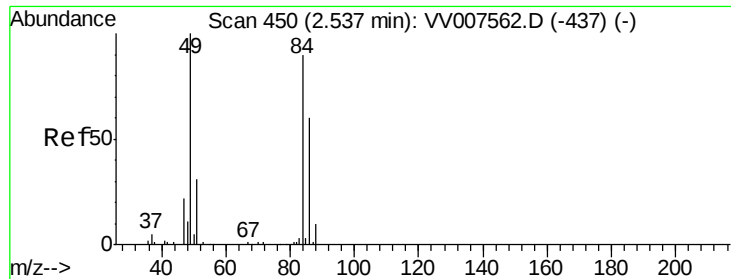
Tgt Ion: 64 Resp: 434
Ion Ratio Lower Upper
64 100
66 134.9 24.3 45.1#



#15
Methyl Acetate
Concen: 0.148 ug/L
RT: 2.47 min Scan# 429
Delta R.T. -0.00 min
Lab File: VV007567.D
Acq: 15 Sep 2018 16:12

Tgt Ion: 43 Resp: 226
Ion Ratio Lower Upper
43 100
74 0.0 25.4 38.2#

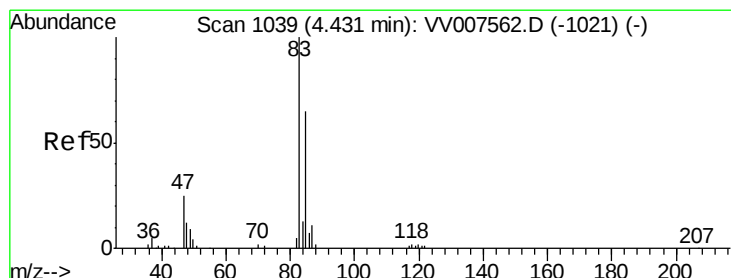
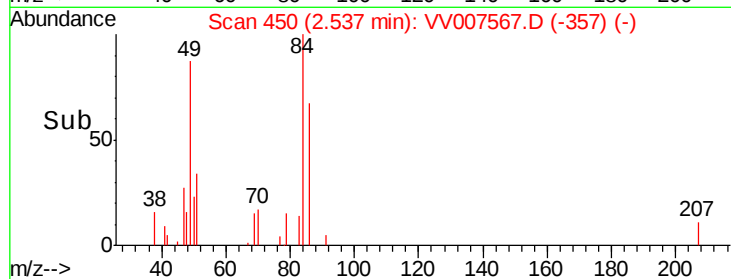
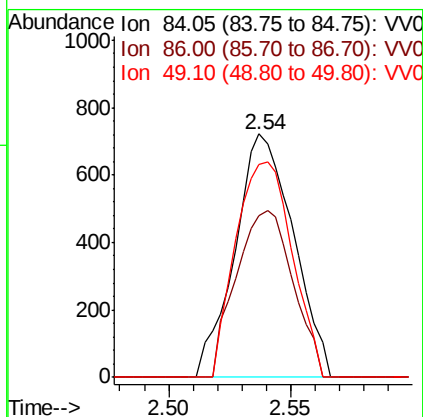
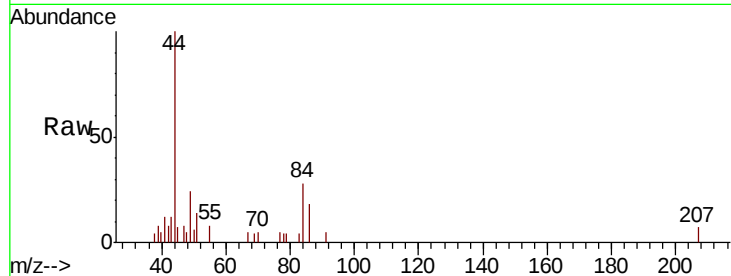




#16
Methylene chloride
Concen: 0.186 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV007567.D
Acq: 15 Sep 2018 16:12

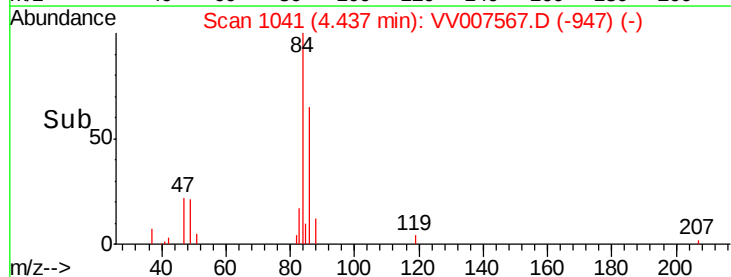
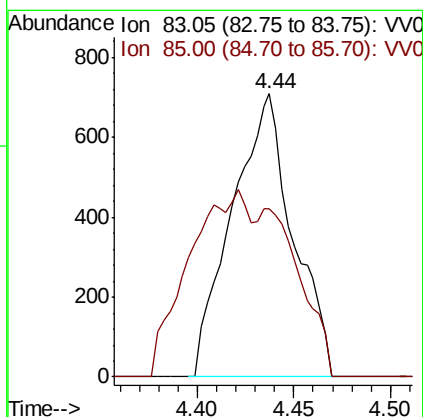
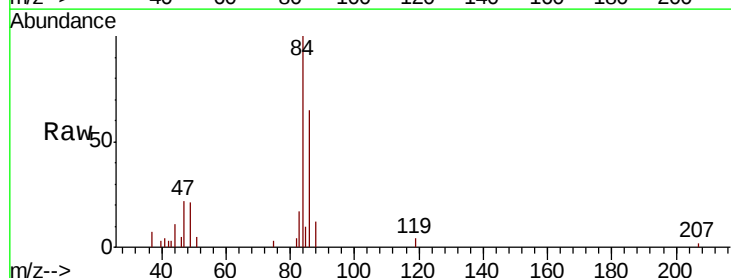
Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

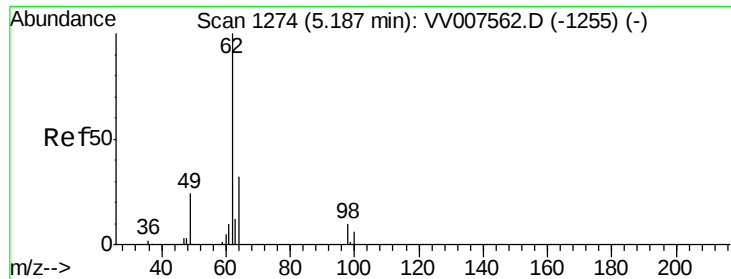
Tgt Ion: 84 Resp: 1196
Ion Ratio Lower Upper
84 100
86 66.6 43.7 81.1
49 87.4 76.8 142.6



#25
Chloroform
Concen: 0.144 ug/L
RT: 4.44 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VV007567.D
Acq: 15 Sep 2018 16:12

Tgt Ion: 83 Resp: 1556
Ion Ratio Lower Upper
83 100
85 59.7 45.5 84.5





#27

1,2-Dichloroethane

Concen: 0.115 ug/L

RT: 5.11 min Scan# 1249

Delta R.T. -0.08 min

Lab File: VV007567.D

Acq: 15 Sep 2018 16:12

Instrument :

MSVOA_W

ClientSampleId :

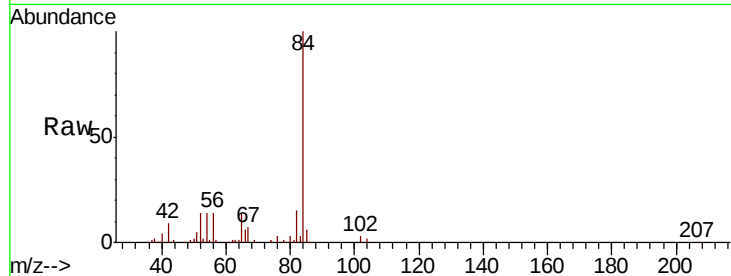
VHBLK01

Tgt Ion: 62 Resp: 717

Ion Ratio Lower Upper

62 100

98 0.0 7.6 11.4#

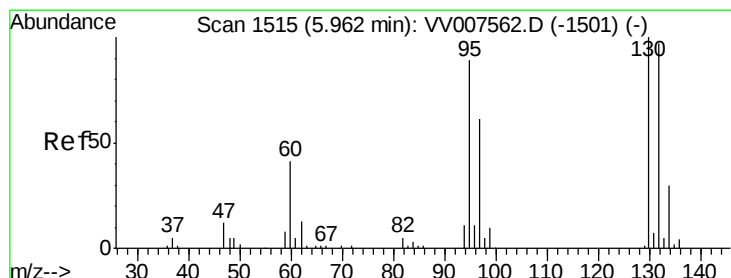
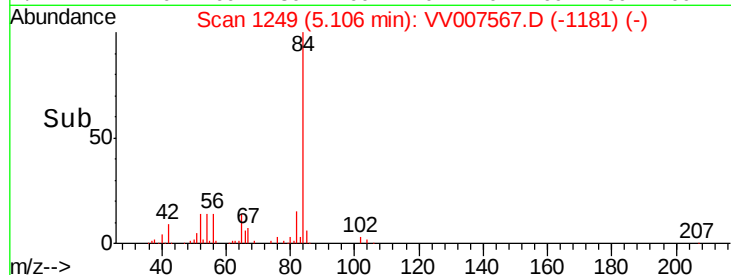


Abundance Ion 62.00 (61.70 to 62.70): VV007562.D (-1255) (-)

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

5.11

Time-->



#34

Trichloroethene

Concen: 0.144 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV007567.D

Acq: 15 Sep 2018 16:12

Tgt Ion: 95 Resp: 932

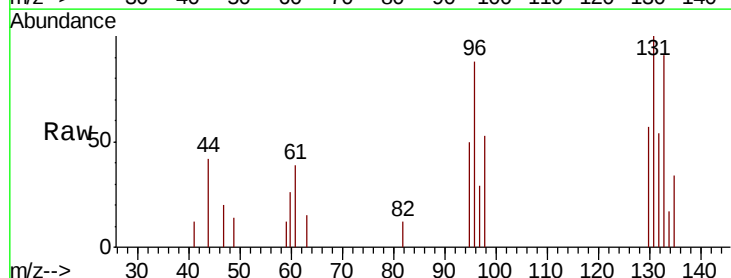
Ion Ratio Lower Upper

95 100

97 58.5 45.5 84.5

132 107.6 74.9 139.1

130 115.3 80.0 148.6



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

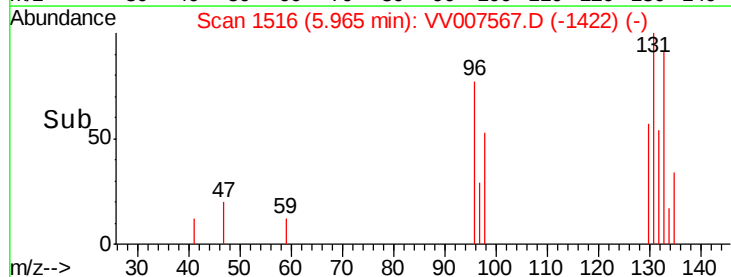
Ion 96.95 (96.65 to 97.65): VV007562.D (-1501) (-)

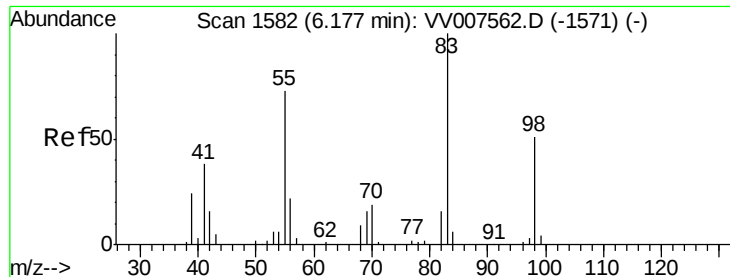
Ion 131.95 (131.65 to 132.65): VV007562.D (-1501) (-)

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

5.96

Time-->

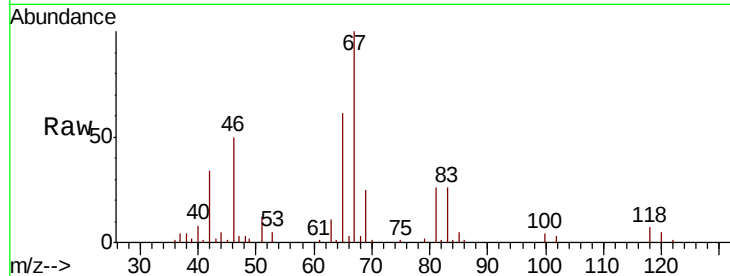




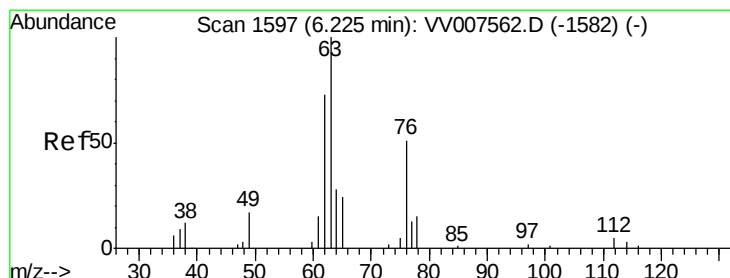
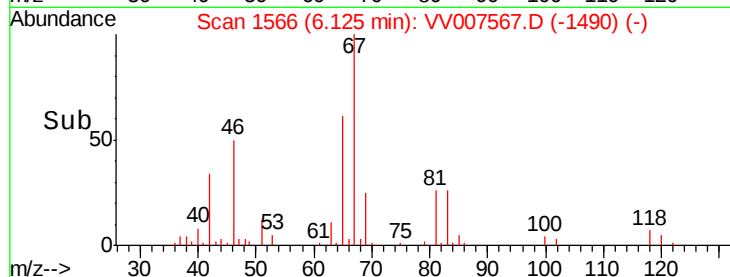
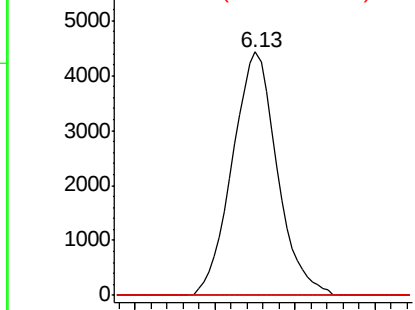
#35
Methylcyclohexane
Concen: 0.845 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV007567.D
Acq: 15 Sep 2018 16:12

Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

Tgt Ion: 83 Resp: 8463
Ion Ratio Lower Upper
83 100
55 0.0 55.0 82.4#
98 0.6 37.6 56.4#

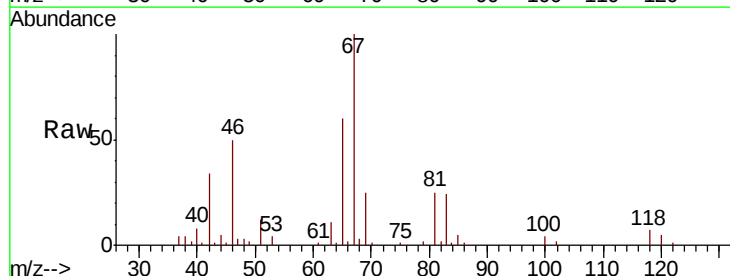


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

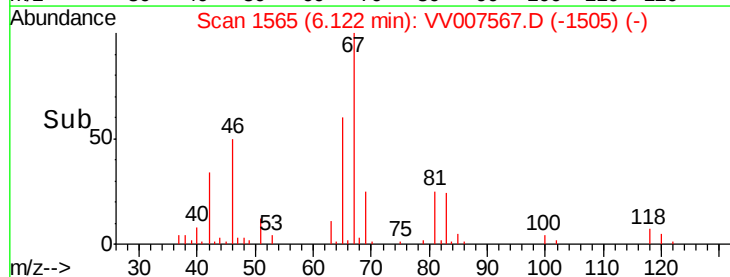
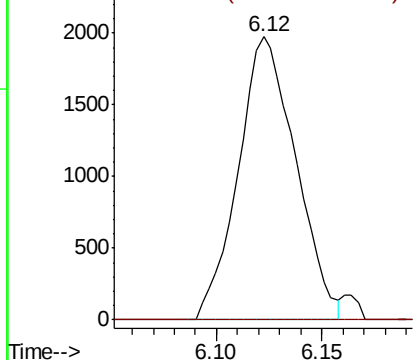


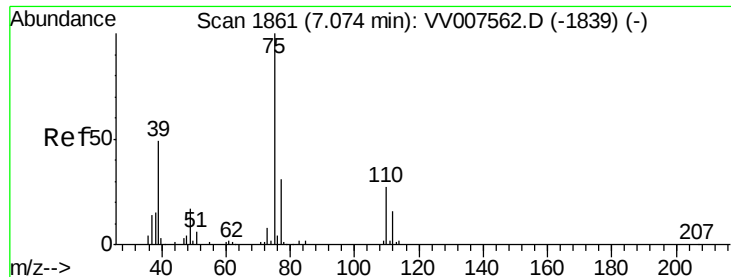
#37
1,2-Dichloropropane
Concen: 0.720 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.11 min
Lab File: VV007567.D
Acq: 15 Sep 2018 16:12

Tgt Ion: 63 Resp: 3753
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: 0.121 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV007567.D

Acq: 15 Sep 2018 16:12

Instrument :

MSVOA_W

ClientSampleId :

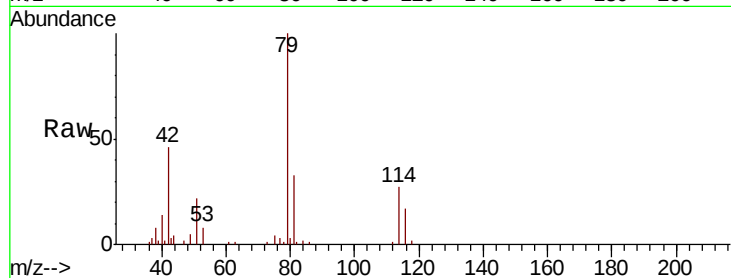
VHBLK01

Tgt Ion: 75 Resp: 1006

Ion Ratio Lower Upper

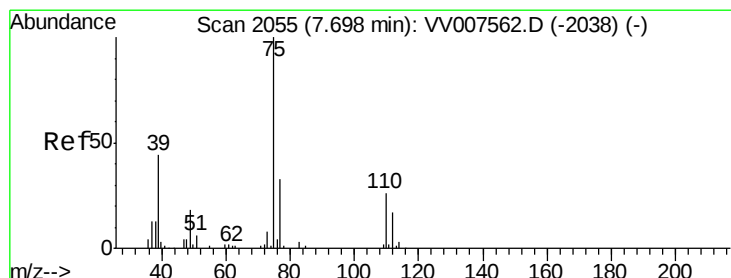
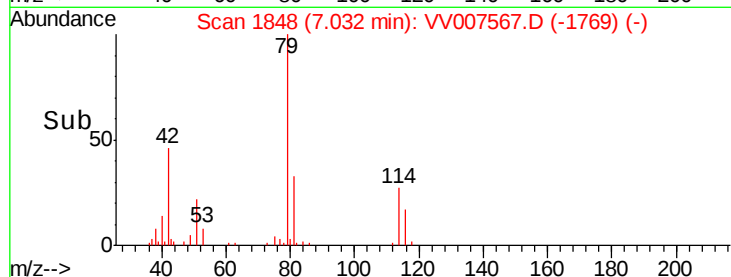
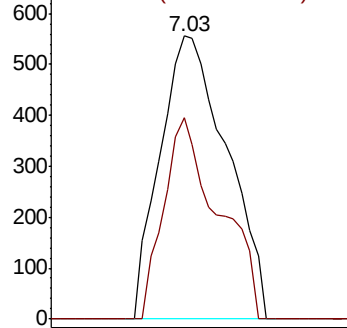
75 100

77 71.2 22.0 41.0#



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: 0.099 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

Lab File: VV007567.D

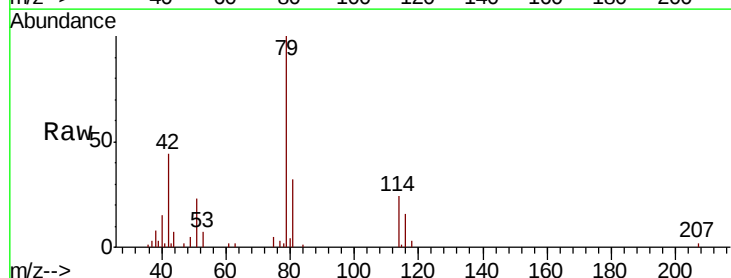
Acq: 15 Sep 2018 16:12

Tgt Ion: 75 Resp: 676

Ion Ratio Lower Upper

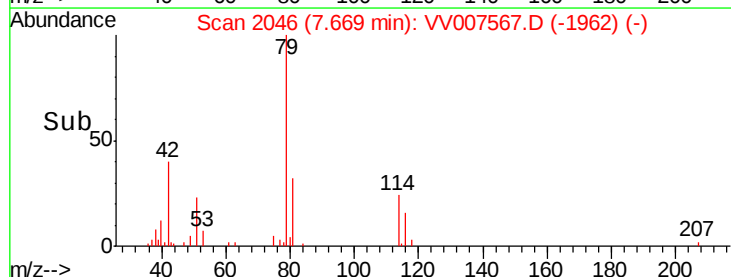
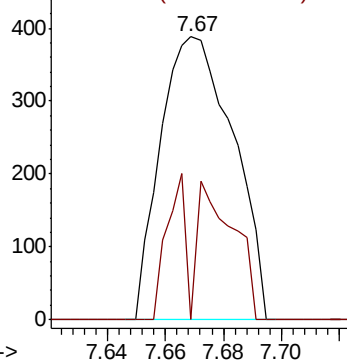
75 100

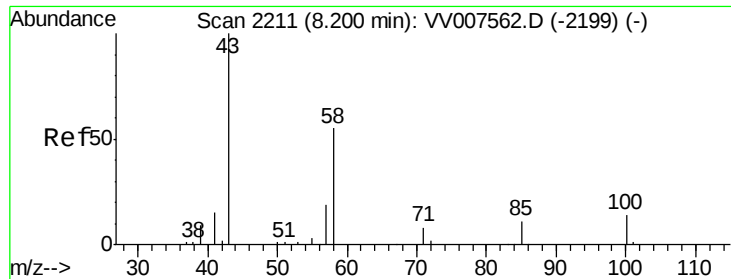
77 0.0 23.4 43.4#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0





#48

2-Hexanone

Concen: 3.919 ug/L

RT: 8.20 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VV007567.D

Acq: 15 Sep 2018 16:12

Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

Tgt Ion: 43 Resp: 8564

Ion Ratio Lower Upper

43 100

58 39.7 49.8 74.6#

57 2.1 18.2 27.4#

100 5.3 11.0 16.4#

