

Data File : VV007587.D
Acq On : 17 Sep 2018 14:28
Operator : SY/MD
Sample : J4888-15
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Sep 18 03:41:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 18 03:38:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	116458	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	103229	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	55250	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	22971	3.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.60%
7) Chloroethane-d5	1.59	69	22689	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.00%
11) 1,1-Dichloroethene-d2	2.14	63	42124	3.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.60%
20) 2-Butanone-d5	3.97	46	36777	43.34	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.68%
24) Chloroform-d	4.41	84	56102	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.09	65	28858	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.10	84	110797	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.13	67	32487	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.36	98	113493	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	7.67	79	13528	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	8.15	63	19550	37.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.82%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	21595	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	49434	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

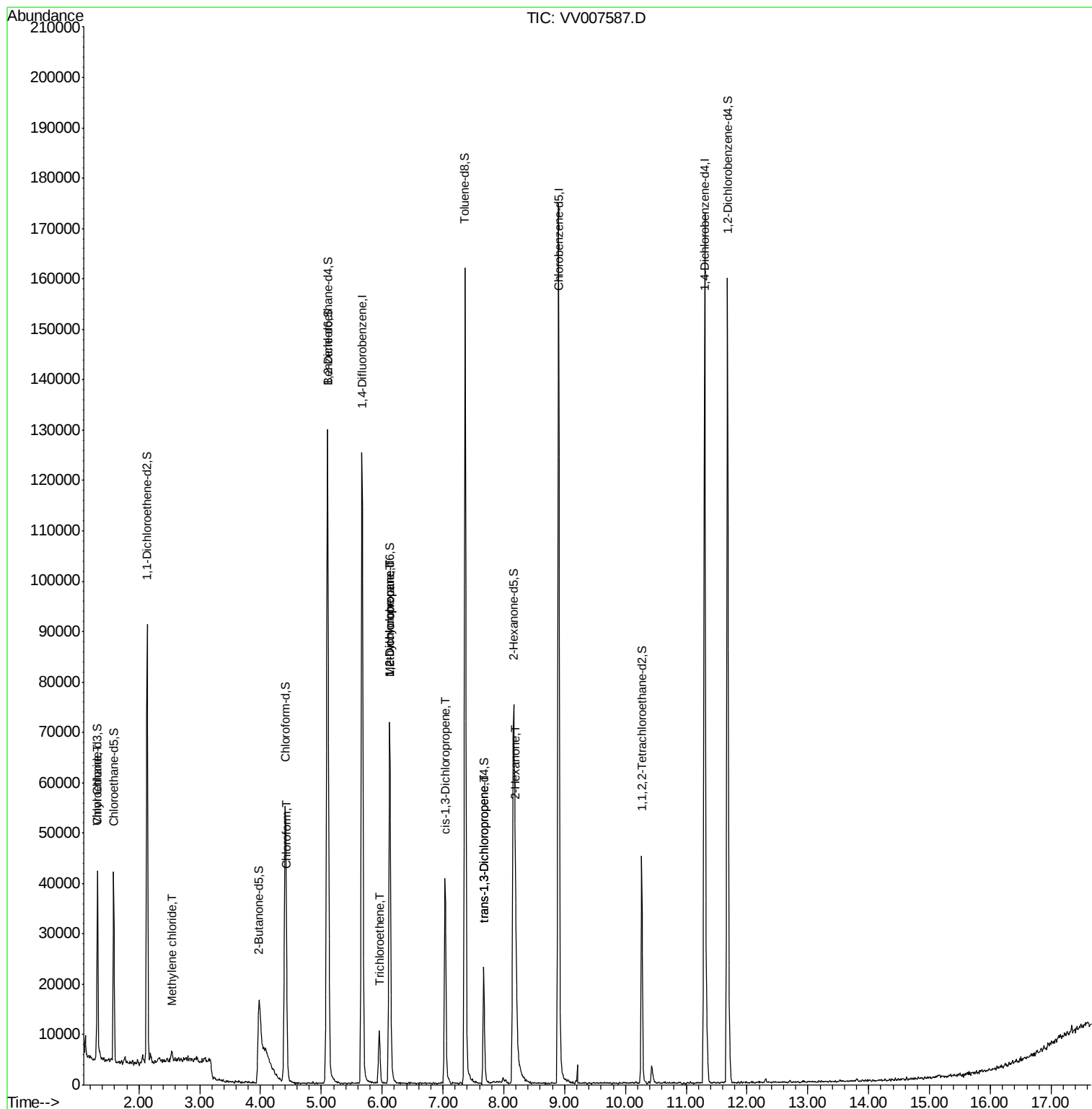
					Qvalue
8) Chloroethane	1.32	64	311	0.083 ug/L #	1
16) Methylene chloride	2.54	84	1126	0.176 ug/L	93
25) Chloroform	4.43	83	1619	0.151 ug/L	99
34) Trichloroethene	5.96	95	860	0.132 ug/L	90
35) Methylcyclohexane	6.13	83	8341	0.826 ug/L #	36
37) 1,2-Dichloropropane	6.12	63	3775	0.719 ug/L #	85
39) cis-1,3-Dichloropropene	7.04	75	1084	0.130 ug/L #	42
44) trans-1,3-Dichloropropene	7.67	75	656	0.095 ug/L #	72
48) 2-Hexanone	8.20	43	14641	6.650 ug/L #	38

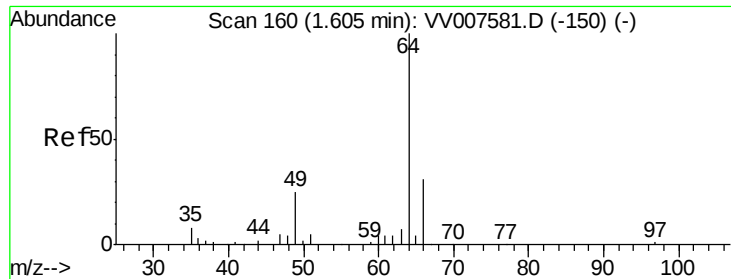
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.083 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.28 min

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Acq: 17 Sep 2018 14:28

Instrument :

MSVOA_V

ClientSampleId :

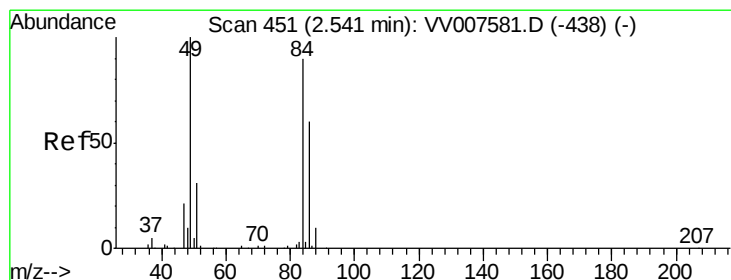
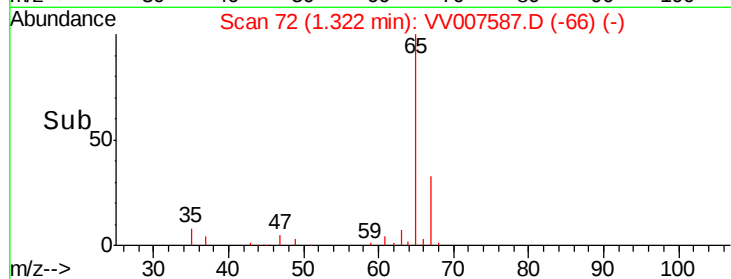
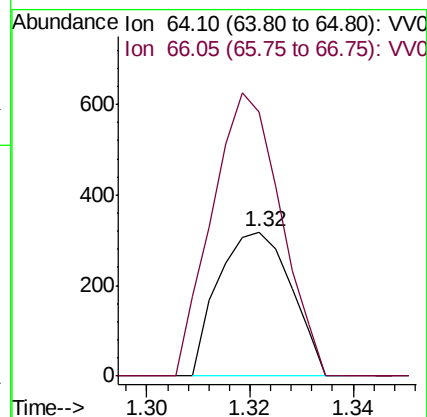
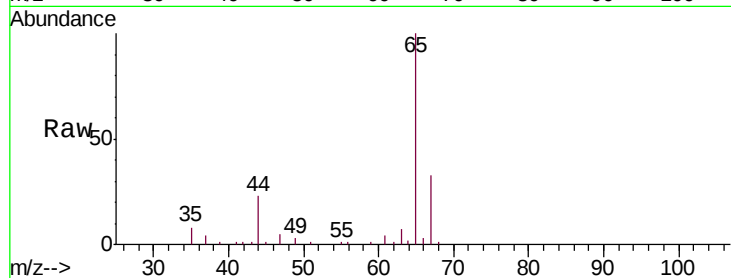
VHBLK01

Tgt Ion: 64 Resp: 311

Ion Ratio Lower Upper

64 100

66 183.6 24.3 45.1#



#16

Methylene chloride

Concen: 0.176 ug/L

RT: 2.54 min Scan# 451

Delta R.T. 0.00 min

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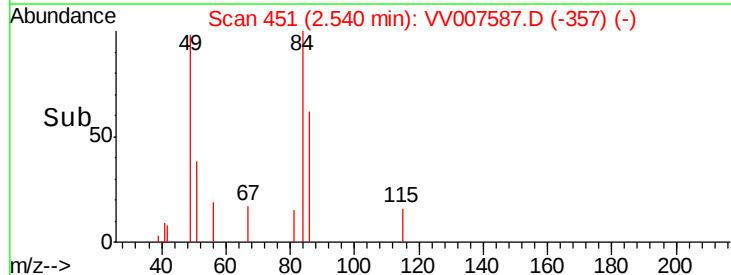
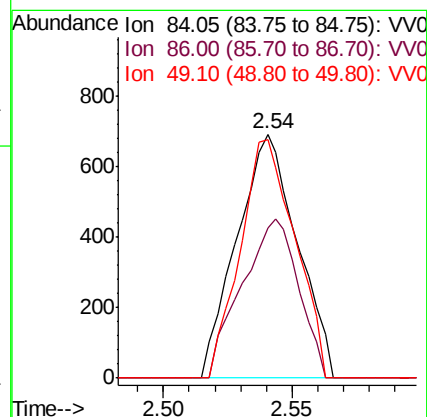
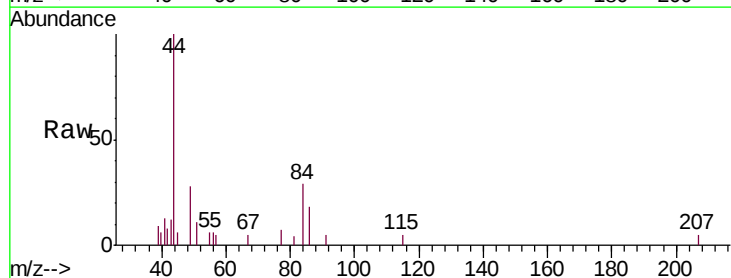
Tgt Ion: 84 Resp: 1126

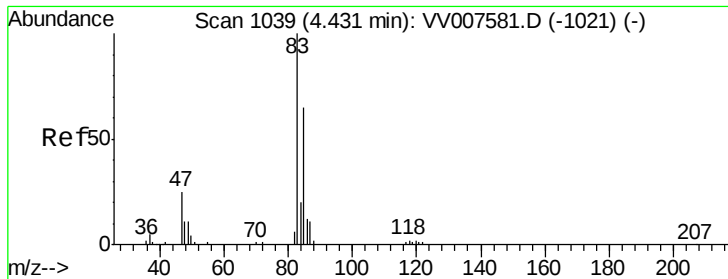
Ion Ratio Lower Upper

84 100

86 61.5 43.7 81.1

49 98.1 76.8 142.6

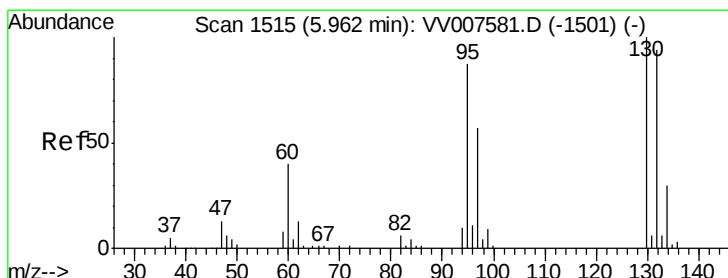
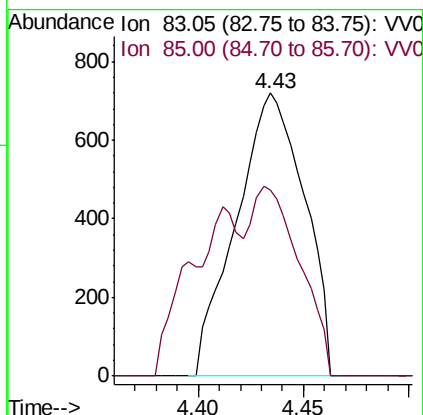
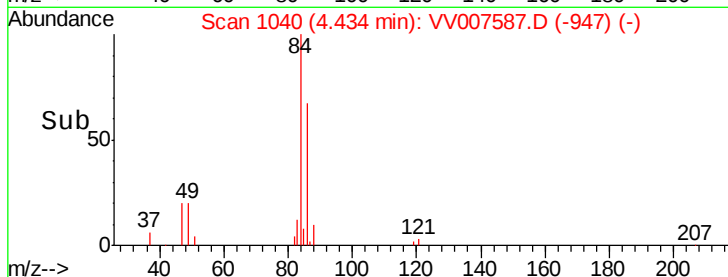
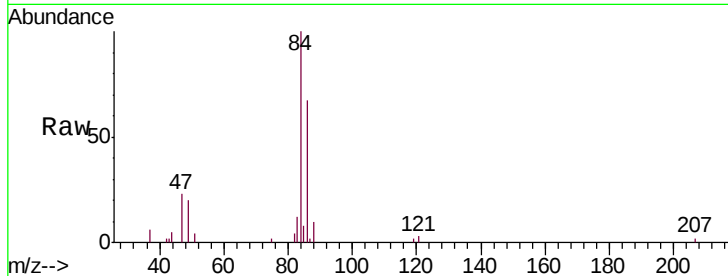




#25
Chloroform
Concen: 0.151 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. 0.00 min
Lab File: VV007587.D
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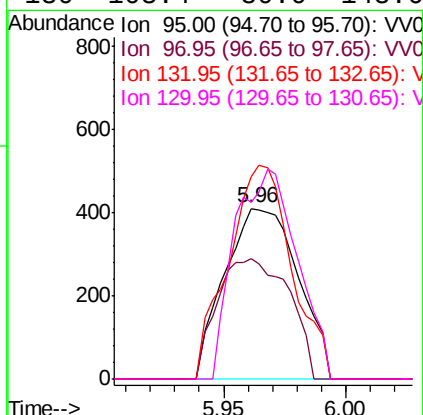
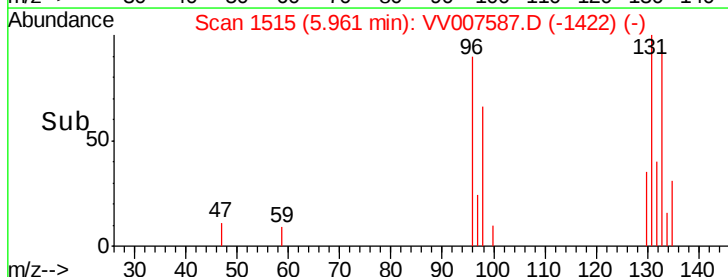
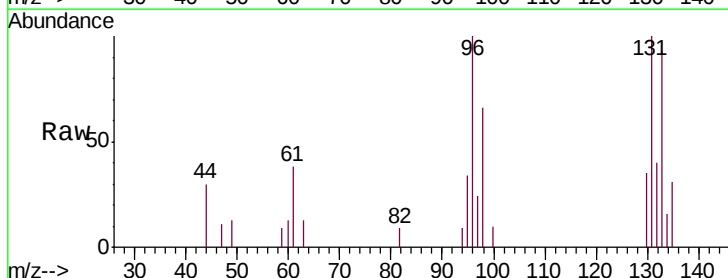
Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

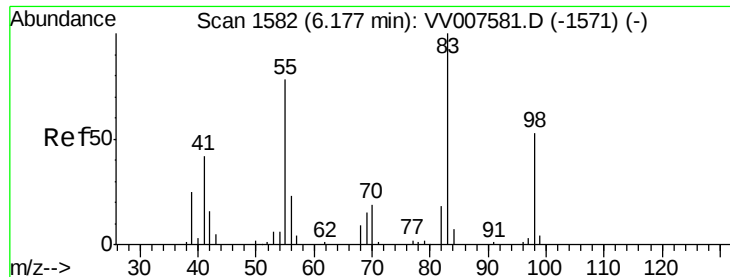
Tgt Ion: 83 Resp: 1619
Ion Ratio Lower Upper
83 100
85 65.6 45.5 84.5



#34
Trichloroethene
Concen: 0.132 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV007587.D
Acq: 17 Sep 2018 14:28

Tgt Ion: 95 Resp: 860
Ion Ratio Lower Upper
95 100
97 71.0 45.5 84.5
132 119.0 74.9 139.1
130 103.4 80.0 148.6

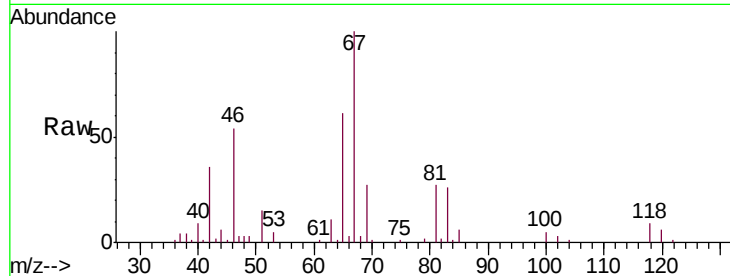




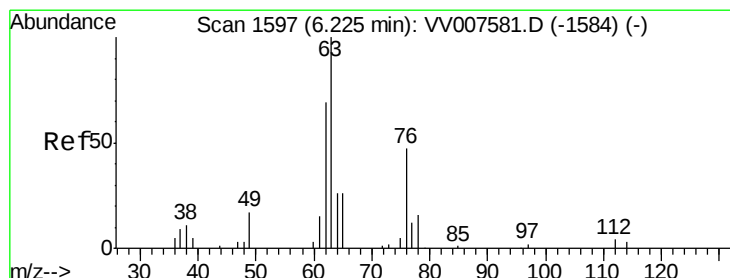
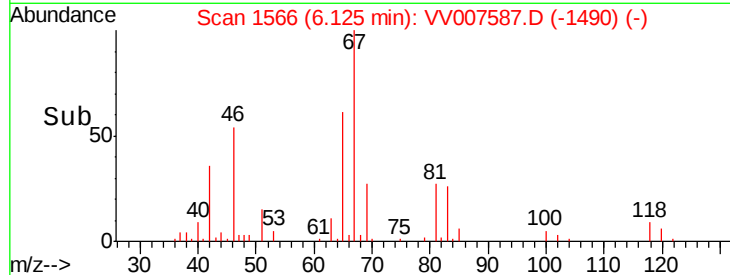
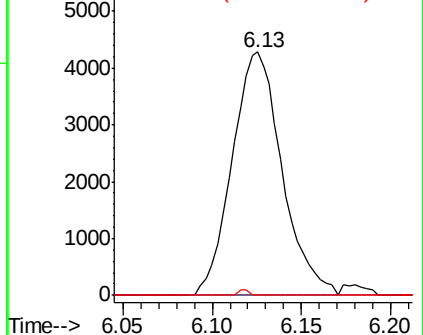
#35
Methylcyclohexane
Concen: 0.826 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV007587.D
Acq: 17 Sep 2018 14:28

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 83 Resp: 8341
Ion Ratio Lower Upper
83 100
55 0.0 55.0 82.4#
98 23.6 37.6 56.4#

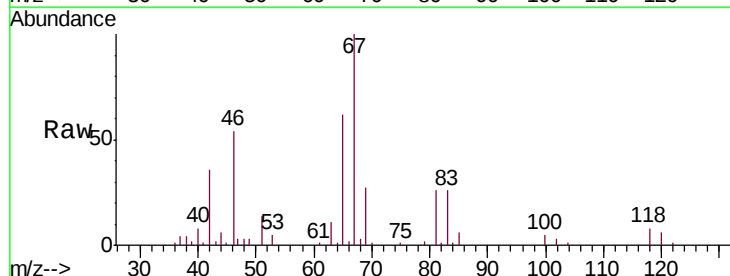


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

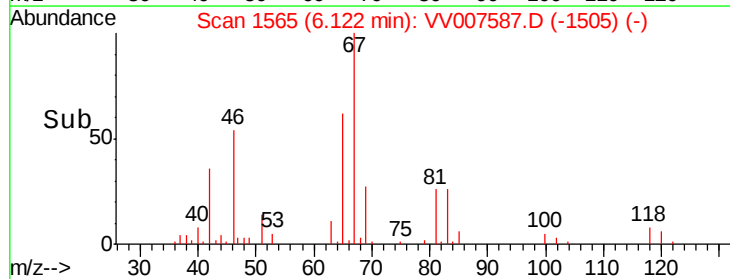
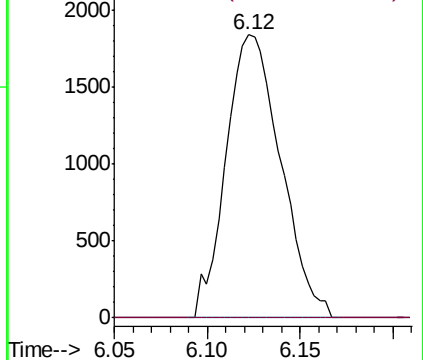


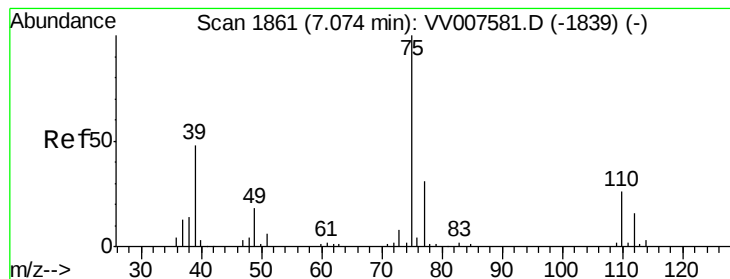
#37
1,2-Dichloropropane
Concen: 0.719 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.11 min
Lab File: VV007587.D
Acq: 17 Sep 2018 14:28

Tgt Ion: 63 Resp: 3775
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: 0.130 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV007587.D

Acq: 17 Sep 2018 14:28

Instrument :

MSVOA_V

ClientSampleId :

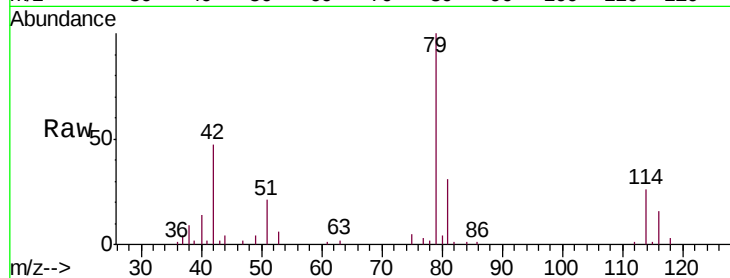
VHBLK01

Tgt Ion: 75 Resp: 1084

Ion Ratio Lower Upper

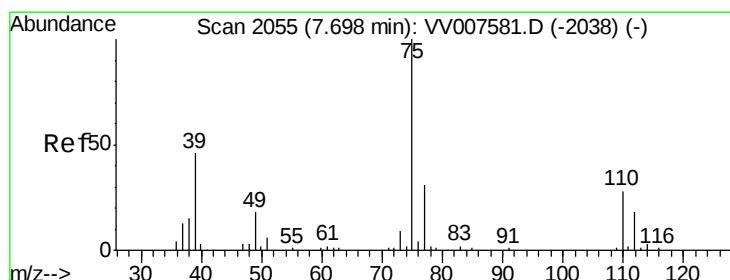
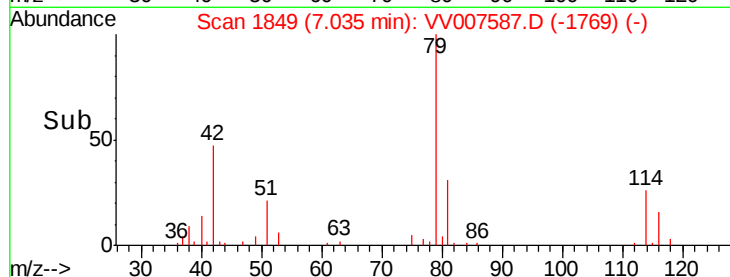
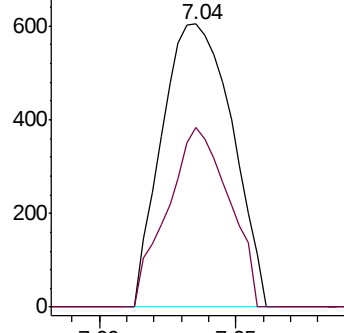
75 100

77 63.4 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: 0.095 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

Lab File: VV007587.D

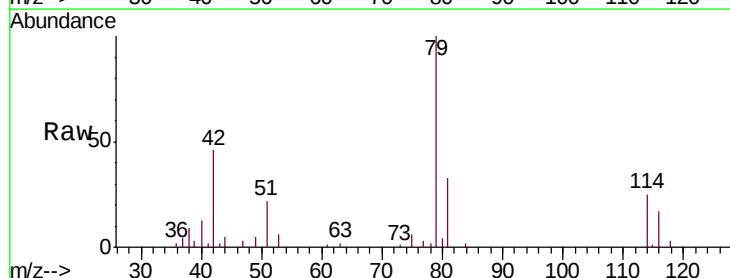
Acq: 17 Sep 2018 14:28

Tgt Ion: 75 Resp: 656

Ion Ratio Lower Upper

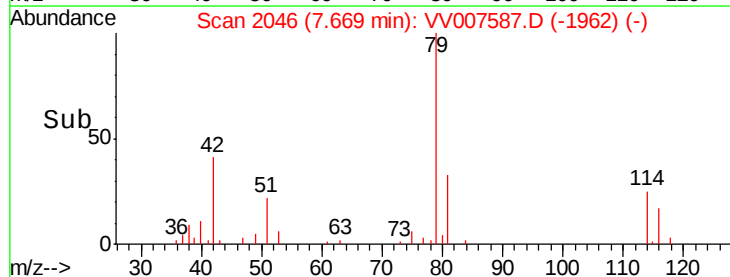
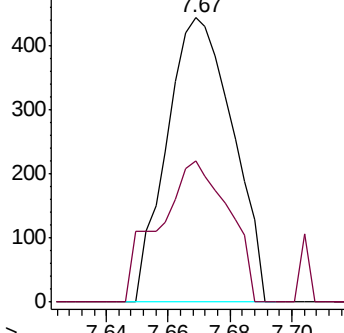
75 100

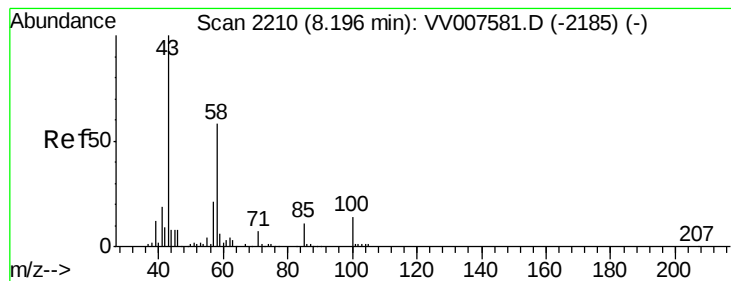
77 49.4 23.4 43.4#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0





#48
 2-Hexanone
 Concen: 6.650 ug/L
 RT: 8.20 min Scan# 2210
 Delta R.T. -0.00 min
 Lab File: VV007587.D
 Acq: 17 Sep 2018 14:28

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Tgt Ion: 43 Resp: 14641
 Ion Ratio Lower Upper
 43 100
 58 0.0 49.8 74.6#
 57 7.1 18.2 27.4#
 100 3.7 11.0 16.4#

