

Data File : VV012081.D
Acq On : 30 Jul 2019 20:35
Operator : SY/MD
Sample : K3960-08
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Jul 31 05:37:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR073119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 31 05:31:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	122917	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	116426	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	58876	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	26225	4.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.80%
7) Chloroethane-d5	1.58	69	21554	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.80%
11) 1,1-Dichloroethene-d2	2.13	63	42538	3.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.80%
20) 2-Butanone-d5	3.97	46	72110	45.01	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.02%
24) Chloroform-d	4.40	84	73082	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.08	65	40579	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
32) Benzene-d6	5.10	84	141023	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.12	67	38678	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.36	98	130276	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
43) trans-1,3-Dichloropropene-	7.67	79	16560	4.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.00%
46) 2-Hexanone-d5	8.14	63	59312	48.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.46%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	28151	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	53626	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

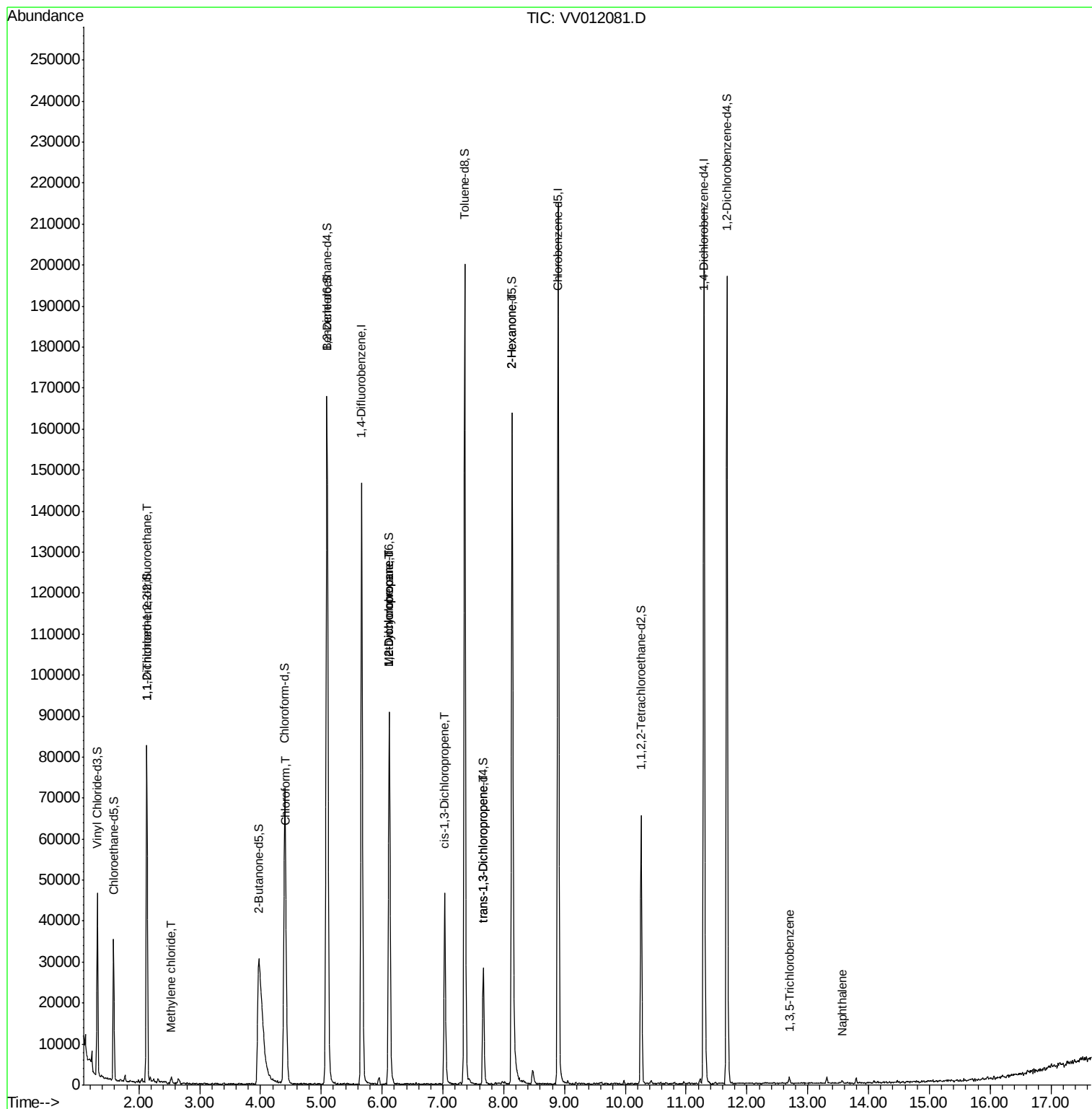
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	484	0.082	ug/L #	14
16) Methylene chloride	2.54	84	632	0.113	ug/L	97
25) Chloroform	4.42	83	5895	0.317	ug/L	94
35) Methylcyclohexane	6.12	83	10607	0.787	ug/L #	19
37) 1,2-Dichloropropane	6.12	63	5249	0.735	ug/L #	82
39) cis-1,3-Dichloropropene	7.03	75	1314	0.118	ug/L #	53
44) trans-1,3-Dichloropropene	7.67	75	907	0.101	ug/L #	77
48) 2-Hexanone	8.14	43	7917	2.930	ug/L #	67
67) 1,3,5-Trichlorobenzene	12.69	180	734	0.049	ug/L #	88
69) Naphthalene	13.56	128	1038	0.064	ug/L #	70

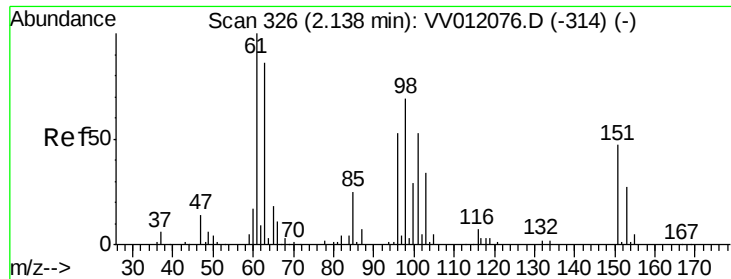
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.082 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

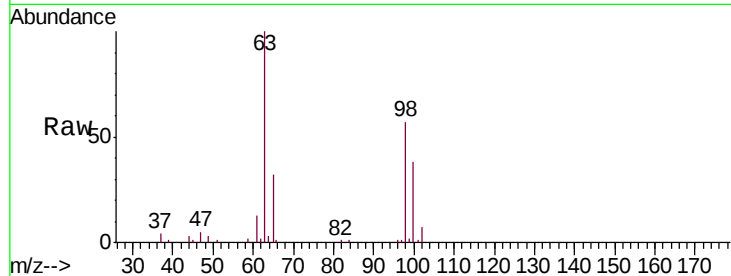
Tgt Ion: 101 Resp: 484

Ion Ratio Lower Upper

101 100

85 0.0 37.4 56.2#

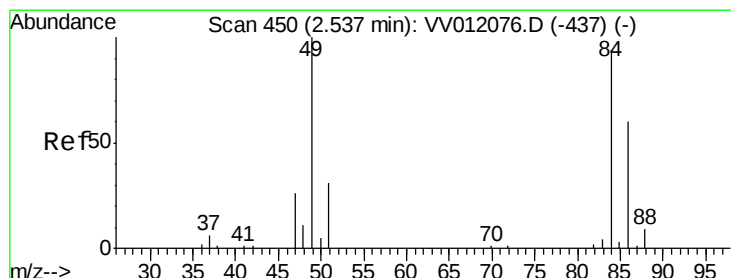
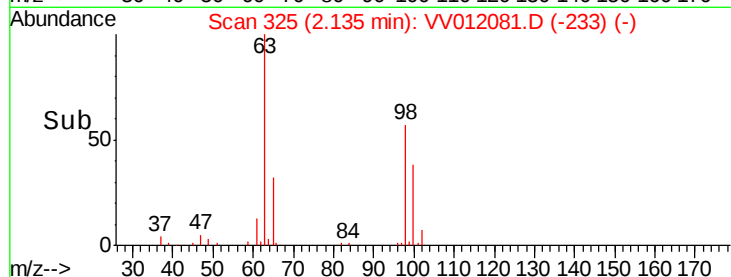
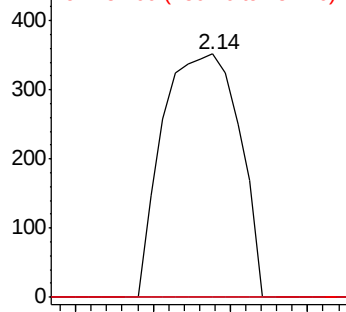
151 0.0 69.1 103.7#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#16

Methylene chloride

Concen: 0.113 ug/L

RT: 2.54 min Scan# 451

Delta R.T. 0.00 min

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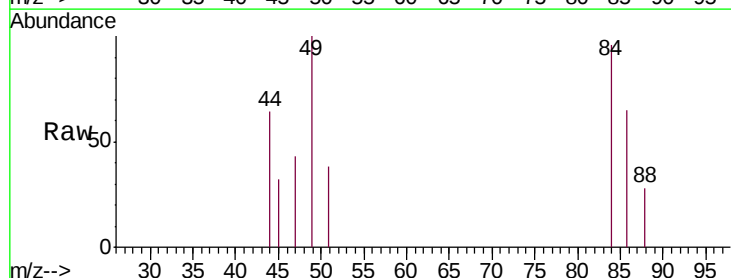
Tgt Ion: 84 Resp: 632

Ion Ratio Lower Upper

84 100

86 67.9 45.0 83.6

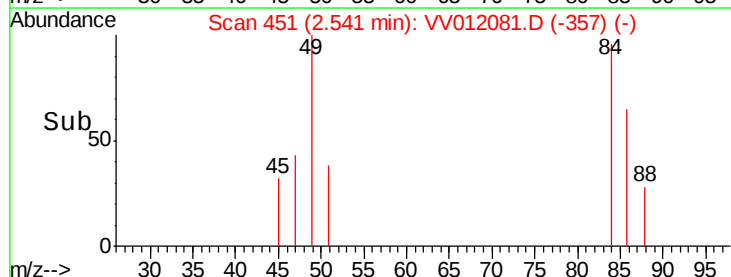
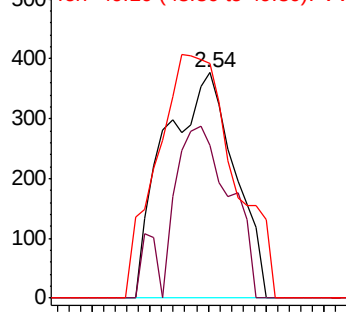
49 104.0 74.4 138.2

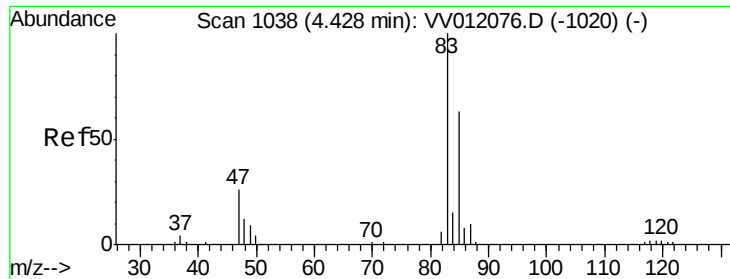


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

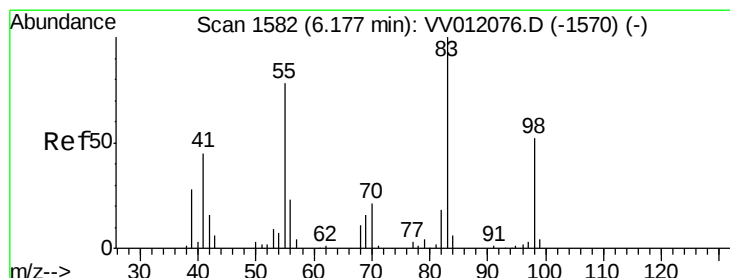
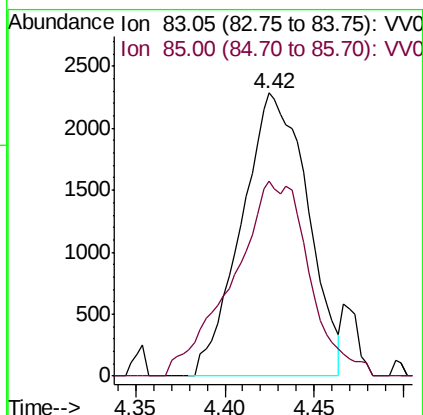
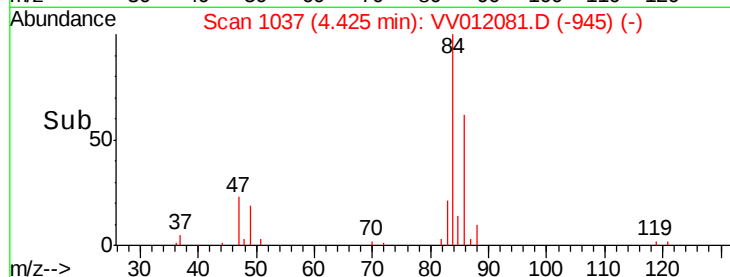
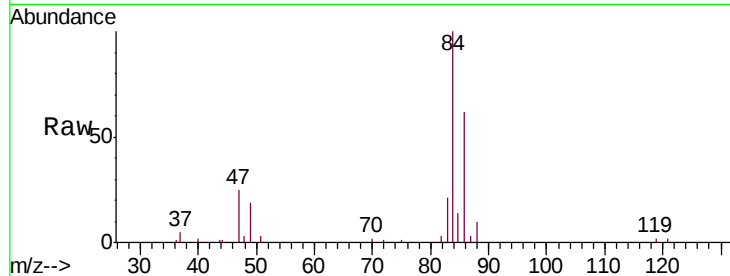




#25
Chloroform
Concen: 0.317 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
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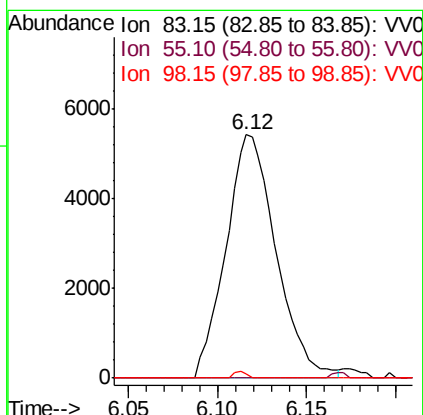
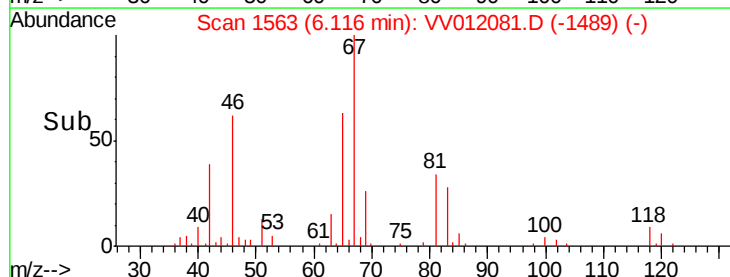
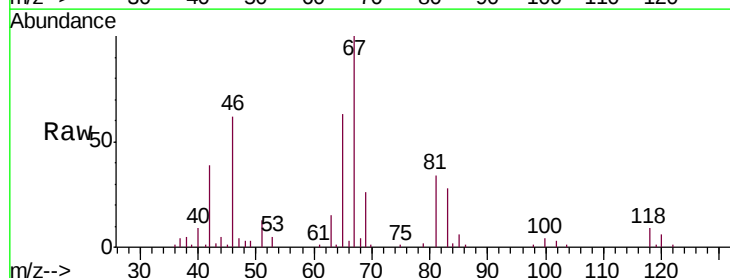
Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

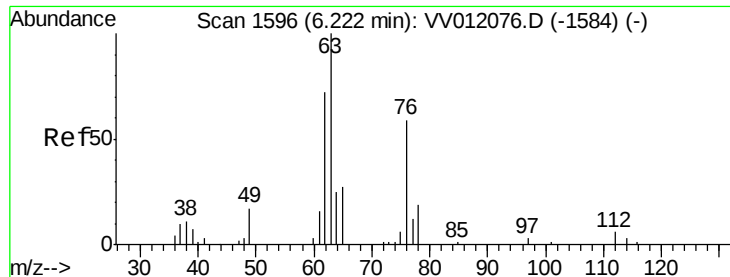
Tgt Ion: 83 Resp: 5895
Ion Ratio Lower Upper
83 100
85 68.9 44.7 83.1



#35
Methylcyclohexane
Concen: 0.787 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012081.D
Acq: 30 Jul 2019 20:35

Tgt Ion: 83 Resp: 10607
Ion Ratio Lower Upper
83 100
55 0.6 59.9 89.9#
98 0.7 40.8 61.2#

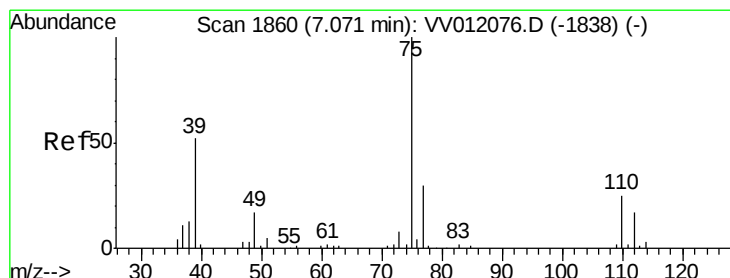
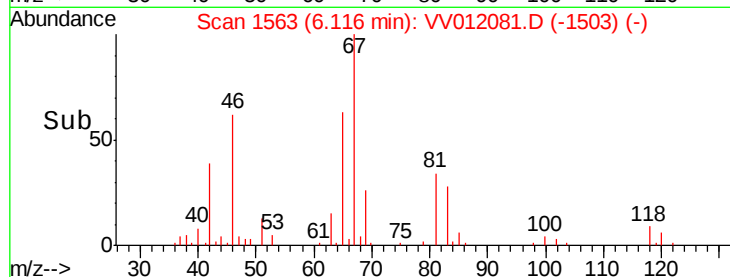
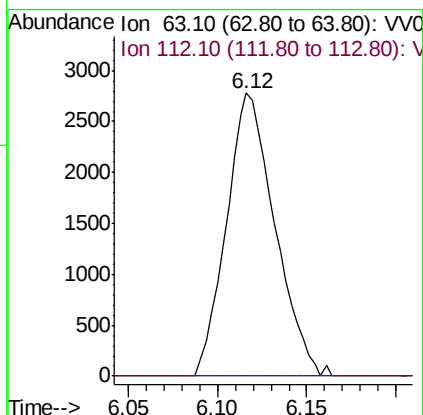
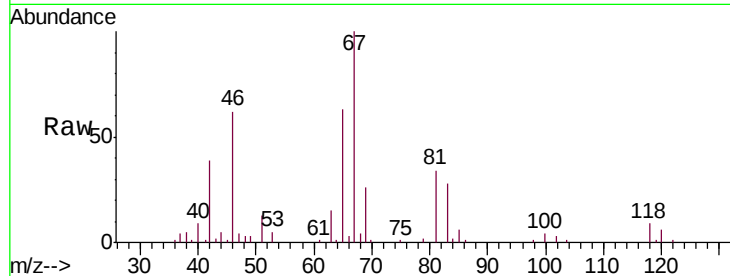




#37
 1,2-Dichloropropane
 Concen: 0.735 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.11 min
 Lab File: VV012081.D
 Acq: 30 Jul 2019 20:35

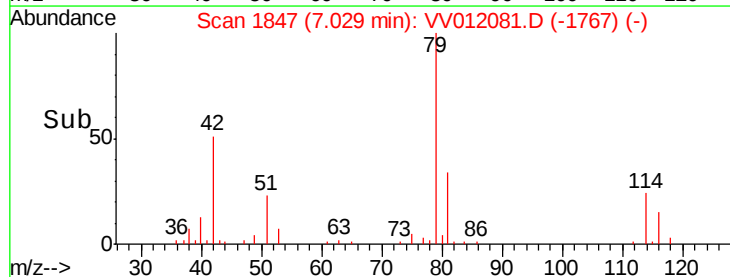
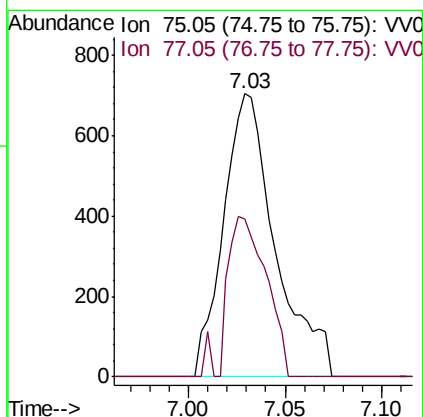
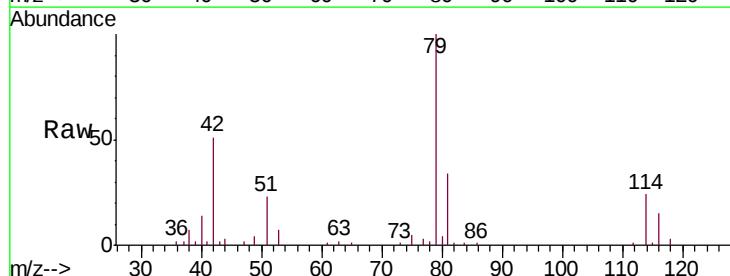
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 MSVOA_V
 ClientSampleId :
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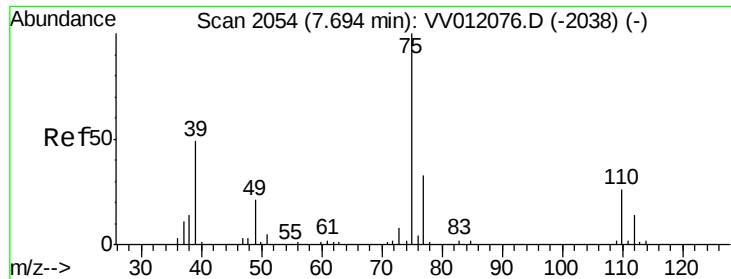
Tgt Ion: 63 Resp: 5249
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.7 7.1#



#39
 cis-1,3-Dichloropropene
 Concen: 0.118 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV012081.D
 Acq: 30 Jul 2019 20:35

Tgt Ion: 75 Resp: 1314
 Ion Ratio Lower Upper
 75 100
 77 56.0 21.3 39.5#

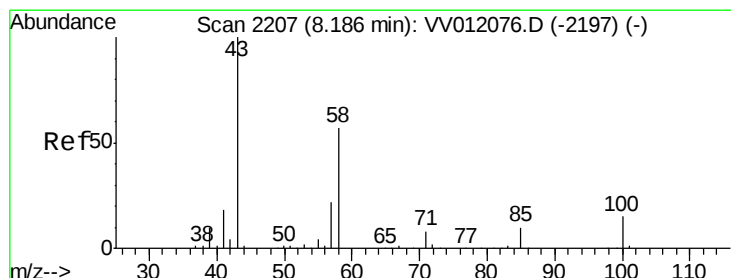
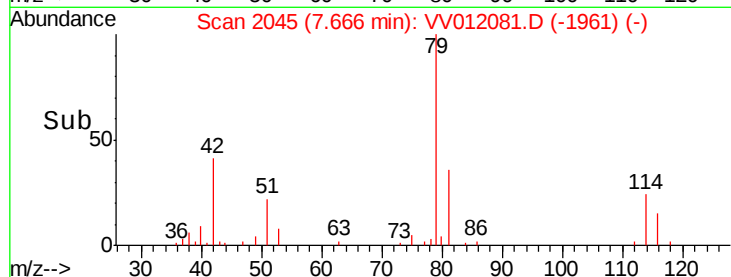
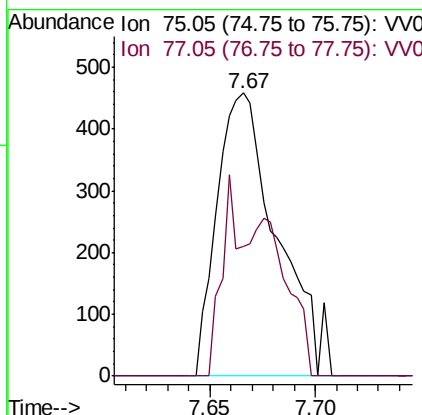
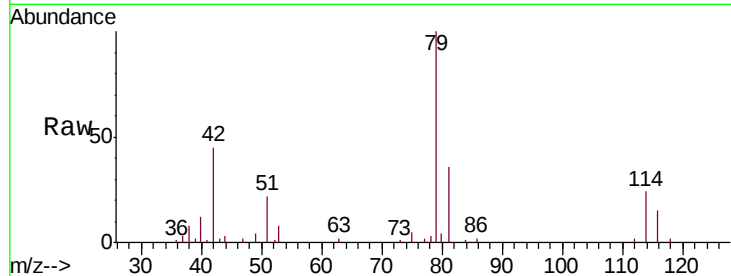




#44
trans-1,3-Dichloropropene
Concen: 0.101 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV012081.D
Acq: 30 Jul 2019 20:35

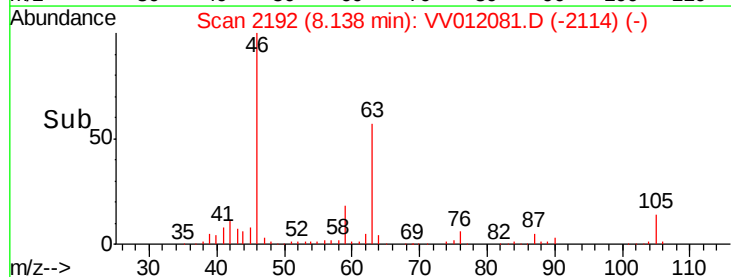
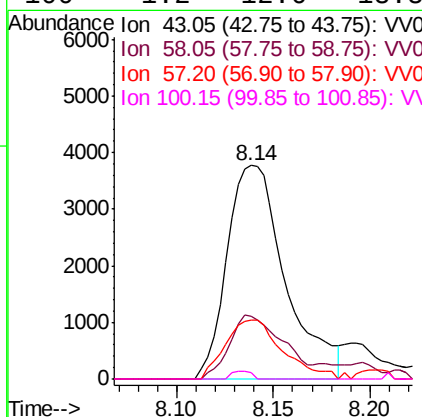
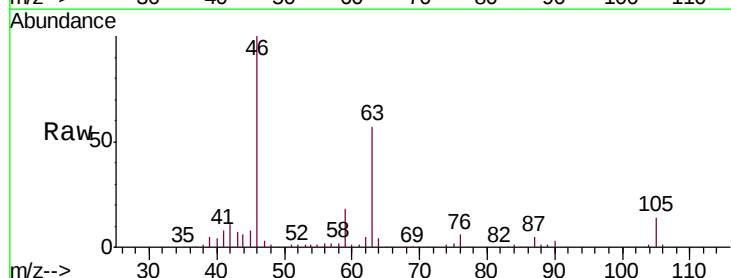
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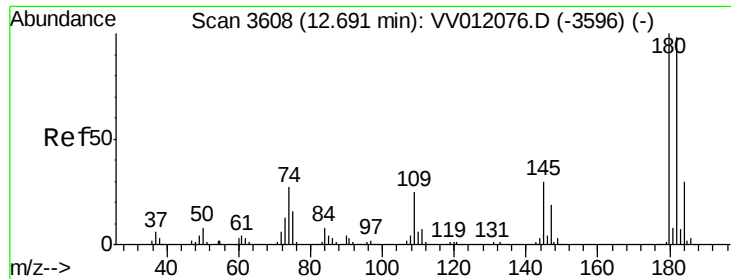
Tgt Ion: 75 Resp: 907
Ion Ratio Lower Upper
75 100
77 45.6 22.8 42.4#



#48
2-Hexanone
Concen: 2.930 ug/L
RT: 8.14 min Scan# 2192
Delta R.T. -0.05 min
Lab File: VV012081.D
Acq: 30 Jul 2019 20:35

Tgt Ion: 43 Resp: 7917
Ion Ratio Lower Upper
43 100
58 27.4 45.7 68.5#
57 27.1 17.0 25.4#
100 1.2 12.6 18.8#

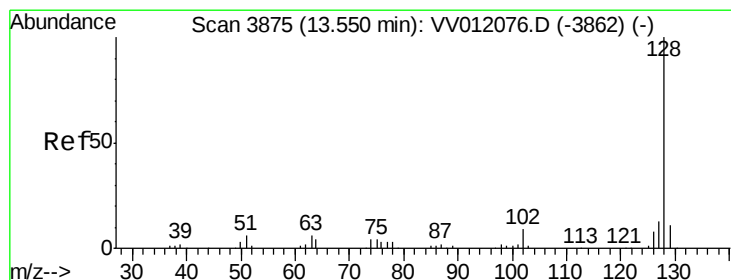
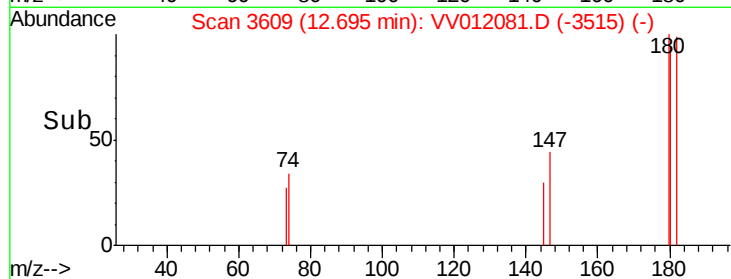
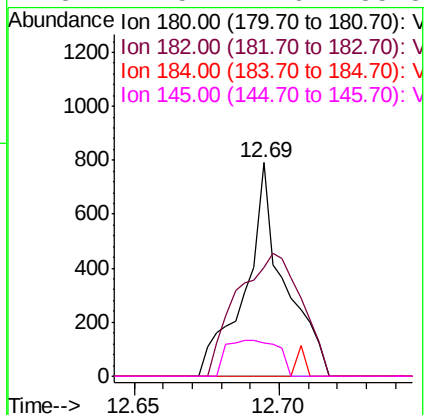
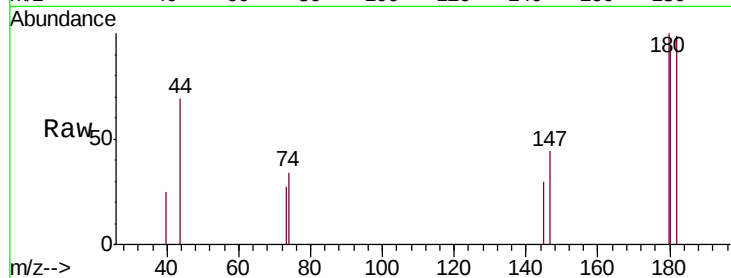




#67
 1,3,5-Trichlorobenzene
 Concen: 0.049 ug/L
 RT: 12.69 min Scan# 3609
 Delta R.T. 0.00 min
 Lab File: VV012081.D
 Acq: 30 Jul 2019 20:35

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Tgt Ion:180 Resp: 734
 Ion Ratio Lower Upper
 180 100
 182 95.8 76.6 115.0
 184 3.0 23.8 35.8#
 145 22.5 22.6 33.8#



#69
 Naphthalene
 Concen: 0.064 ug/L
 RT: 13.56 min Scan# 3879
 Delta R.T. 0.01 min
 Lab File: VV012081.D
 Acq: 30 Jul 2019 20:35

Tgt Ion:128 Resp: 1038
 Ion Ratio Lower Upper
 128 100
 129 0.0 8.4 12.6#
 127 0.0 10.0 15.0#

