

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122719\
 Data File : VV014205.D
 Acq On : 27 Dec 2019 21:07
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK35

Quant Time: Dec 28 01:10:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Dec 28 01:05:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	884496	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	808105	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	377683	5.00	ug/L	0.00

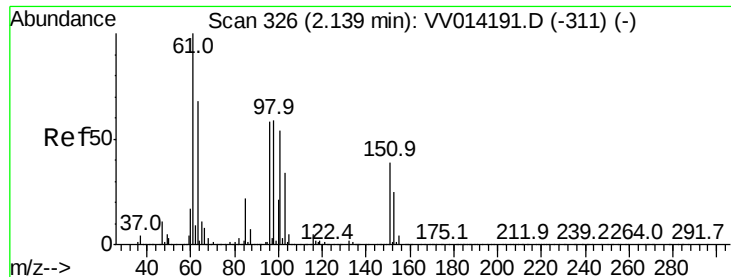
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	180116	4.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.80%
7) Chloroethane-d5	1.58	69	165220	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.80%
11) 1,1-Dichloroethene-d2	2.13	63	240106	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.60%
20) 2-Butanone-d5	3.92	46	581433	56.50	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.00%
24) Chloroform-d	4.40	84	427964	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.40%
26) 1,2-Dichloroethane-d4	5.08	65	219153	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
32) Benzene-d6	5.10	84	905428	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.00%
36) 1,2-Dichloropropane-d6	6.12	67	280535	4.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.00%
41) Toluene-d8	7.36	98	825183	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.00%
43) trans-1,3-Dichloropropene-	7.66	79	117126	3.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.40%
46) 2-Hexanone-d5	8.13	63	524304	46.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.48%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	202441	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	280664	4.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.00%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3128	0.078 ug/L #	27
12) 1,1-Dichloroethene	2.13	96	3000	0.077 ug/L #	1
13) Acetone	2.19	43	22624	3.565 ug/L	88
14) Carbon disulfide	2.32	76	10823	0.063 ug/L #	90
16) Methylene chloride	2.54	84	12679	0.193 ug/L	96
35) Methylcyclohexane	6.11	83	67823	0.608 ug/L #	19
37) 1,2-Dichloropropane	6.11	63	29222	0.481 ug/L #	88
69) Naphthalene	13.55	128	267637	1.841 ug/L	99

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



#10

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

Concen: 0.078 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV014205.D

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VIBLK35

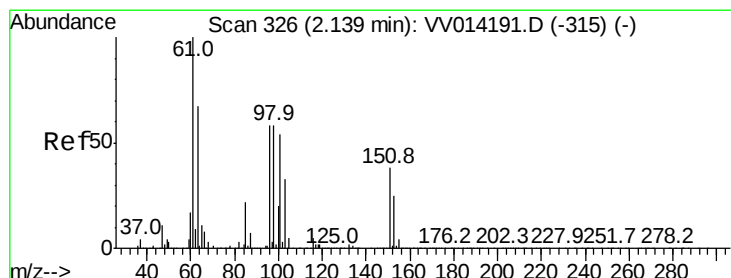
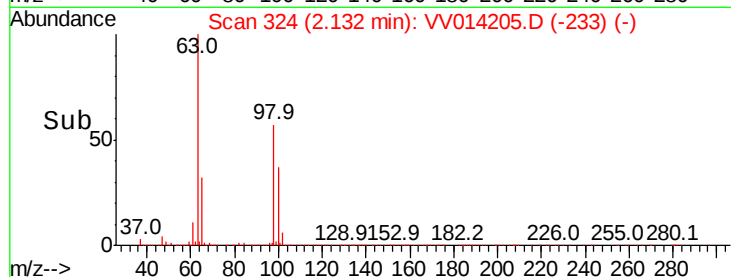
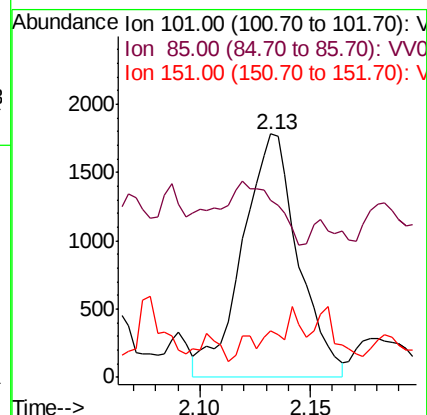
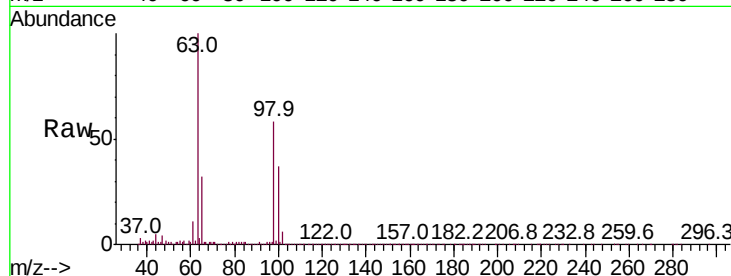
Tot Ion:101 Resp: 3128

Ion Ratio Lower Upper

101 100

85 0.0 34.9 52.3#

151 11.9 62.5 93.7#



#12

1,1-Dichloroethene

Concen: 0.077 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV014205.D

Acq: 27 Dec 2019 21:07

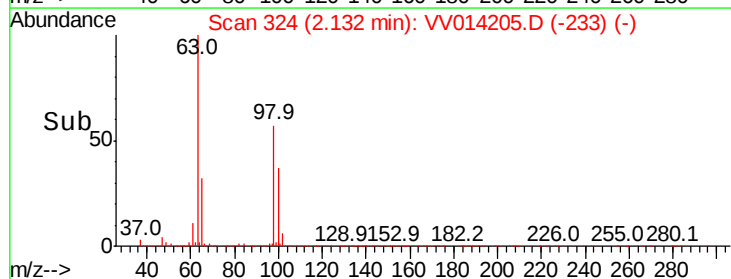
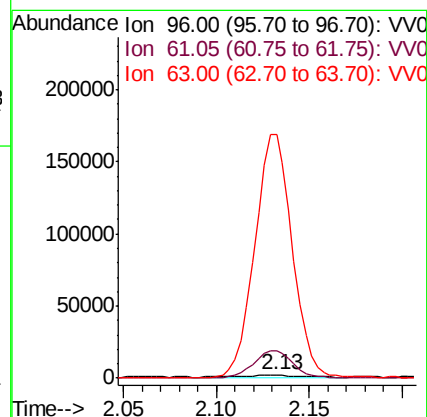
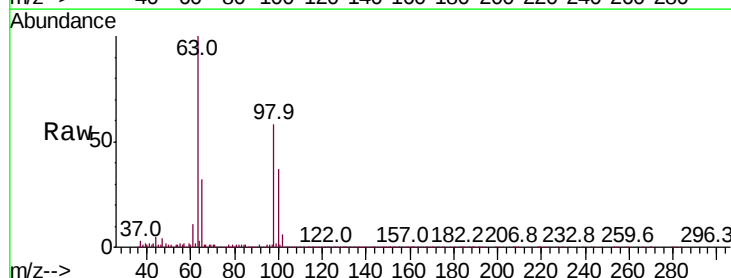
Tgt Ion: 96 Resp: 3000

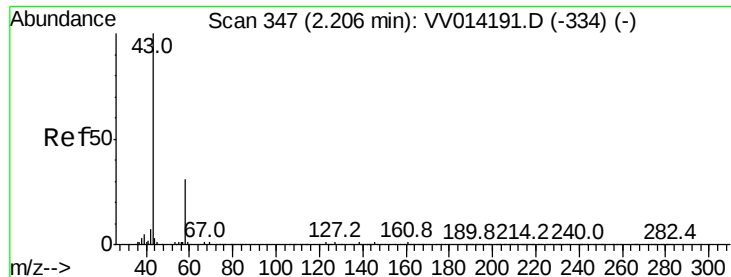
Ion Ratio Lower Upper

96 100

61 797.0 121.5 225.7#

63 7141.2 90.3 167.7#





#13

Acetone

Concen: 3.565 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.02 min

Lab File: VV014205.D

Acq: 27 Dec 2019 21:07

Instrument :

MSVOA_V

ClientSampleId :

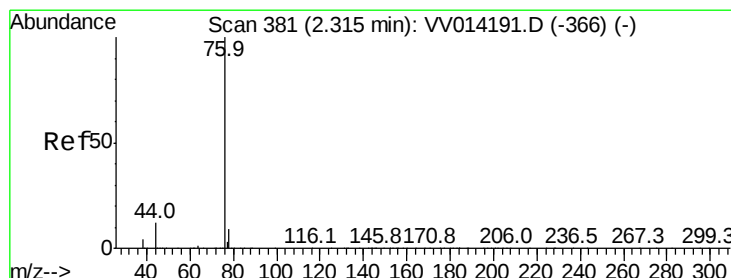
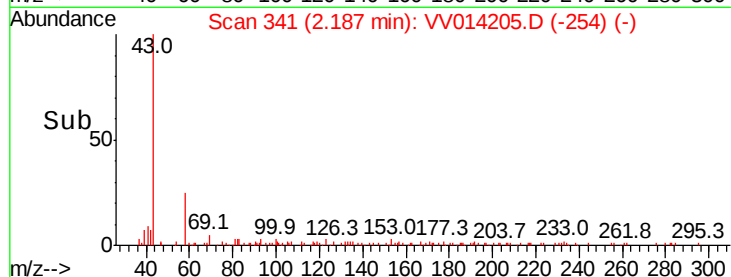
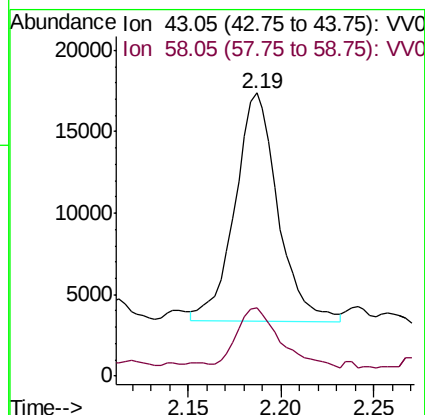
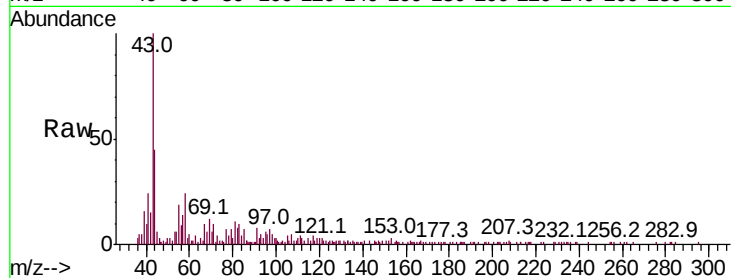
VIBLK35

Tot Ion: 43 Resp: 22624

Ion Ratio Lower Upper

43 100

58 26.4 0.0 66.0



#14

Carbon disulfide

Concen: 0.063 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.01 min

Lab File: VV014205.D

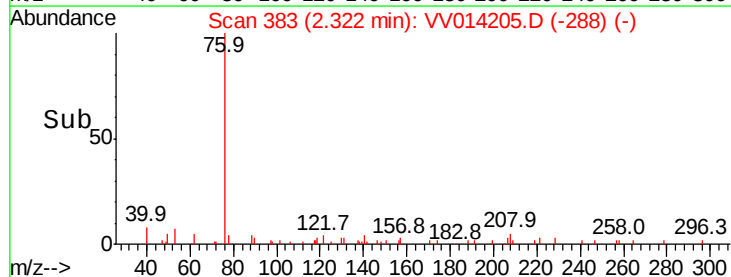
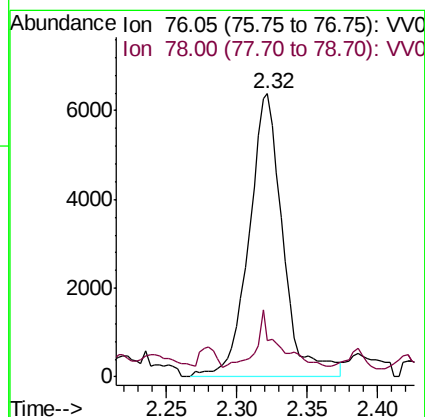
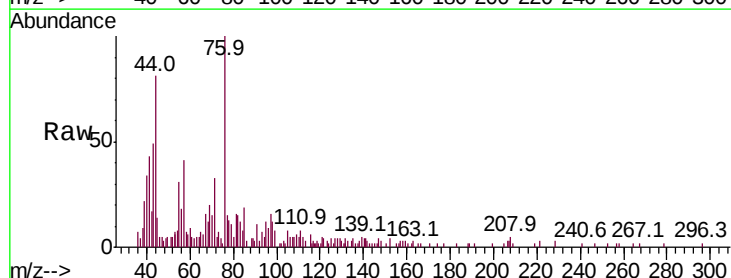
Acq: 27 Dec 2019 21:07

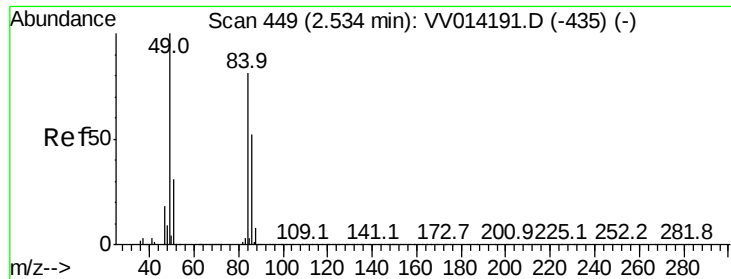
Tgt Ion: 76 Resp: 10823

Ion Ratio Lower Upper

76 100

78 13.0 7.5 11.3#

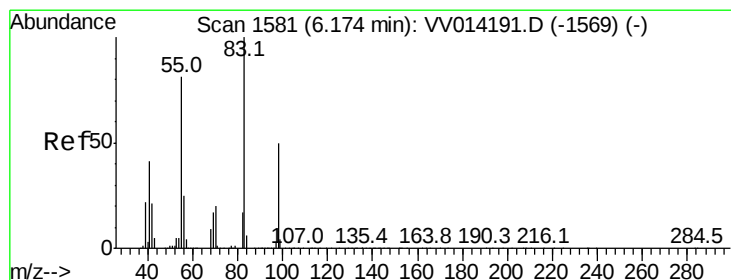
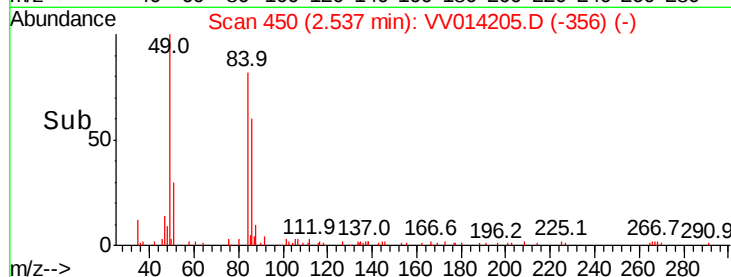
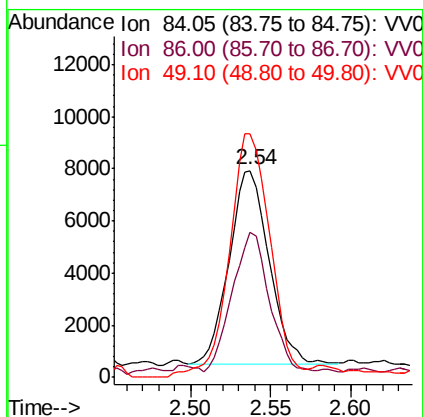
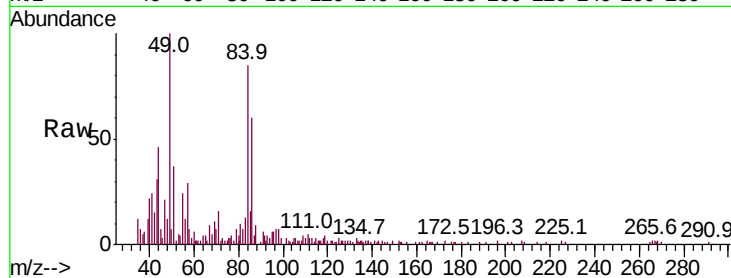




#16
Methvlene chloride
Concen: 0.193 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV014205.D
Acq: 27 Dec 2019 21:07

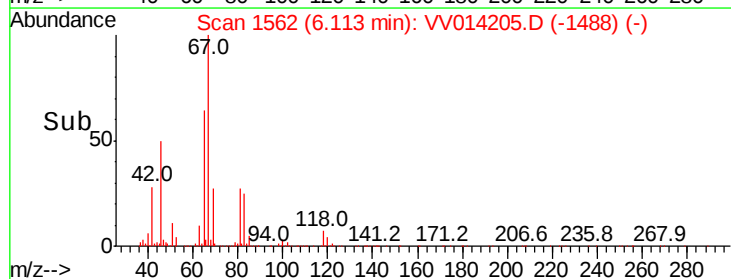
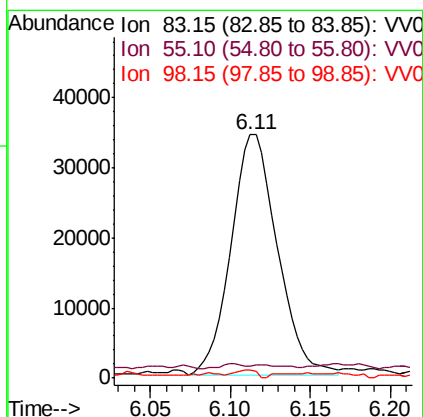
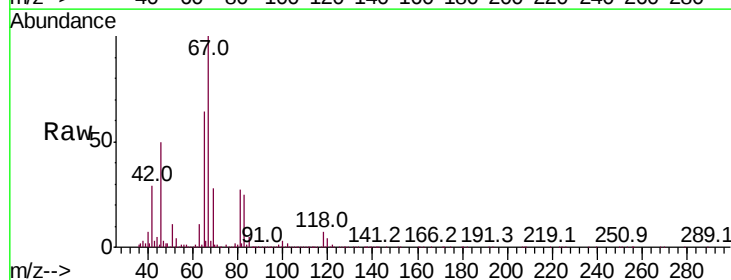
Instrument :
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VIBLK35

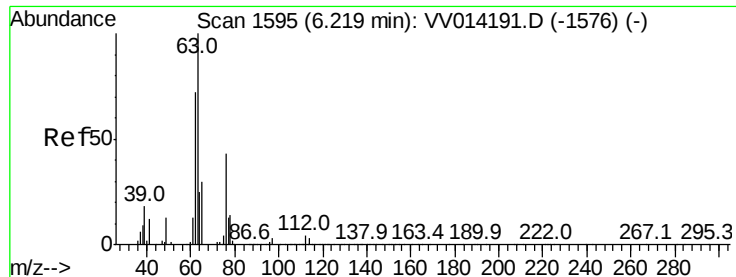
Tot Ion: 84 Resp: 12679
Ion Ratio Lower Upper
84 100
86 70.2 43.1 80.1
49 117.8 82.1 152.5



#35
Methylcyclohexane
Concen: 0.608 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV014205.D
Acq: 27 Dec 2019 21:07

Tgt Ion: 83 Resp: 67823
Ion Ratio Lower Upper
83 100
55 1.0 61.7 92.5#
98 1.6 38.1 57.1#

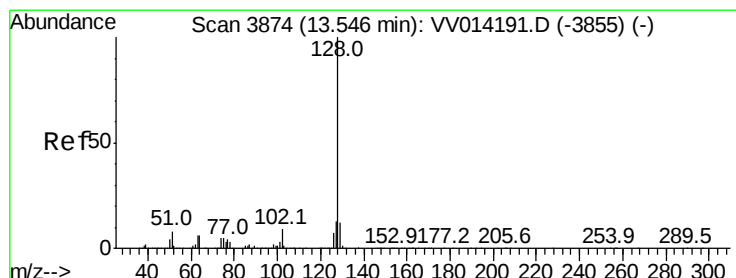
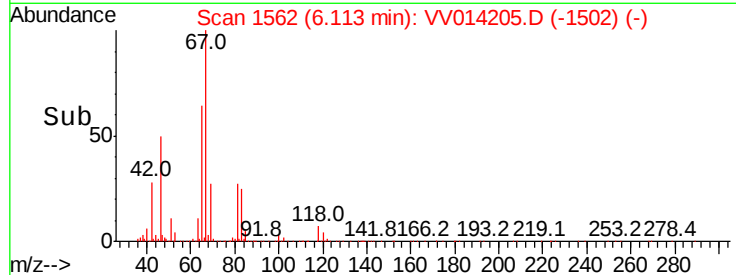
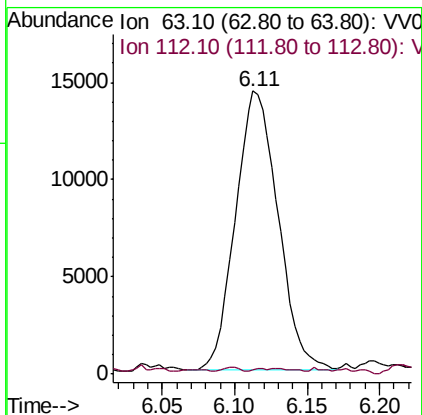
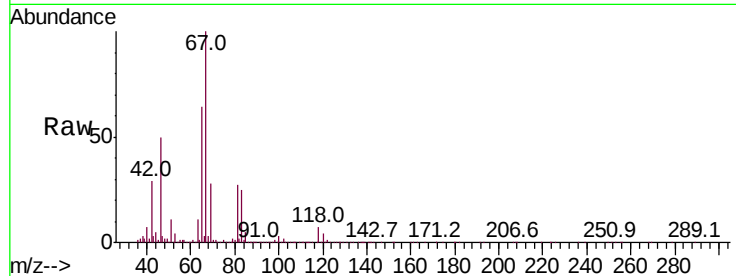




#37
 1,2-Dichloropropane
 Concen: 0.481 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.11 min
 Lab File: VV014205.D
 Acq: 27 Dec 2019 21:07

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK35

Tot Ion: 63 Resp: 29222
 Ion Ratio Lower Upper
 63 100
 112 0.5 3.7 5.5#



#69
 Naphthalene
 Concen: 1.841 ug/L
 RT: 13.55 min Scan# 3874
 Delta R.T. 0.00 min
 Lab File: VV014205.D
 Acq: 27 Dec 2019 21:07

Tgt Ion: 128 Resp: 267637
 Ion Ratio Lower Upper
 128 100
 129 10.8 8.6 13.0
 127 12.1 10.2 15.2

