

Data File : VV010617.D
Acq On : 01 May 2019 21:07
Operator : SY/MD
Sample : K2590-16 10X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0XC3

Quant Time: May 02 08:24:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 02 08:18:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	76331	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	76166	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	30712	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	21133	4.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.20%
7) Chloroethane-d5	1.58	69	10218	3.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.80%
11) 1,1-Dichloroethene-d2	2.12	63	31648	3.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.80%
20) 2-Butanone-d5	3.95	46	54996	52.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.40%
24) Chloroform-d	4.40	84	46251	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.08	65	24751	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.10	84	98453	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
36) 1,2-Dichloropropane-d6	6.12	67	31090	5.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.40%
41) Toluene-d8	7.36	98	84270	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
43) trans-1,3-Dichloropropene-	7.67	79	9354	4.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
46) 2-Hexanone-d5	8.14	63	48433	58.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.80%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	20638	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	29752	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

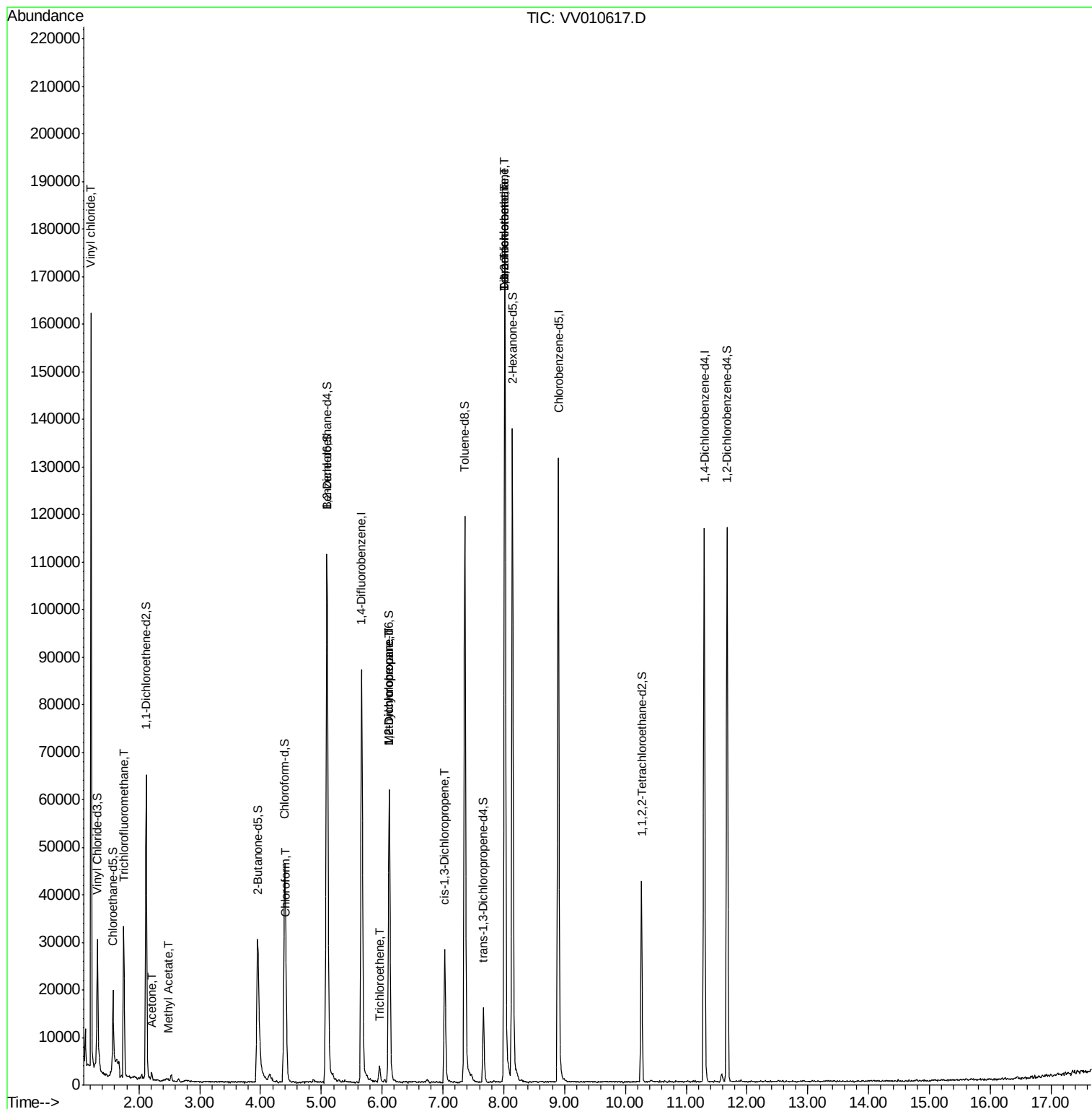
					Qvalue	
5) Vinyl chloride	1.21	62	1195	0.200	ug/L #	57
9) Trichlorofluoromethane	1.75	101	18332	1.922	ug/L	93
13) Acetone	2.21	43	2189	3.499	ug/L	84
15) Methyl Acetate	2.47	43	334	0.173	ug/L #	54
25) Chloroform	4.43	83	2420	0.237	ug/L	86
34) Trichloroethene	5.96	95	1286	0.218	ug/L #	71
35) Methylcyclohexane	6.12	83	7332	0.856	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	3173	0.619	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	715	0.103	ug/L	86
45) 1,1,2-Trichloroethane	8.01	97	342	0.094	ug/L #	44
47) Tetrachloroethene	8.02	164	41134	8.819	ug/L	98
49) Dibromochloromethane	8.02	129	38872	9.161	ug/L #	11

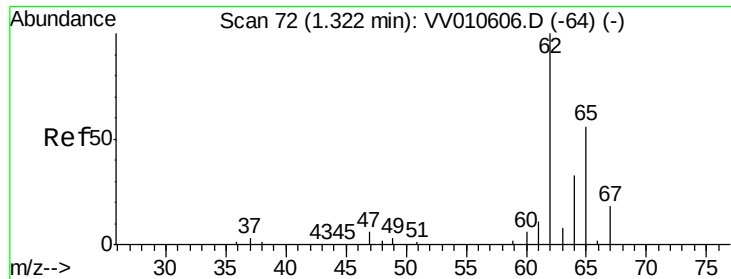
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.200 ug/L

RT: 1.21 min Scan# 38

Delta R.T. -0.11 min

Lab File: VV010617.D

Acq: 01 May 2019 21:07

Instrument :

MSVOA_V

ClientSampleId :

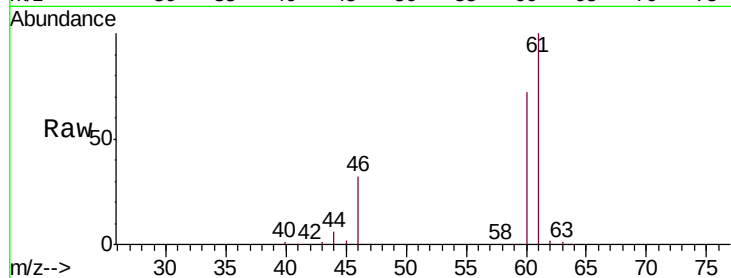
C0XC3

Tgt Ion: 62 Resp: 1195

Ion Ratio Lower Upper

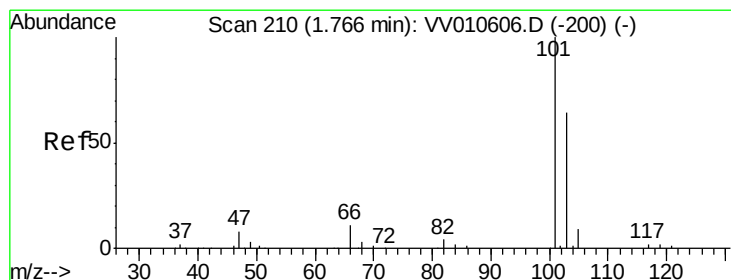
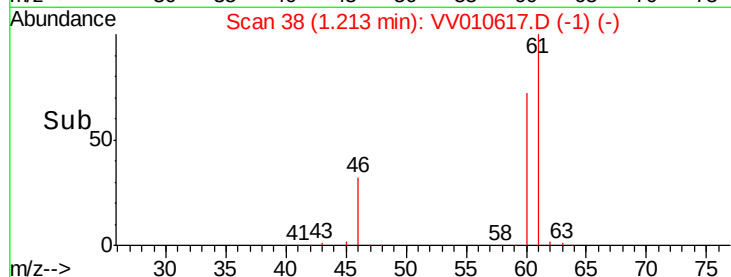
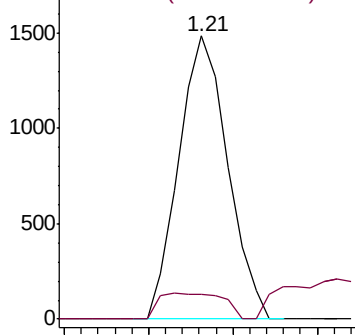
62 100

64 8.7 23.1 42.9#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#9

Trichlorofluoromethane

Concen: 1.922 ug/L

RT: 1.75 min Scan# 205

Delta R.T. -0.02 min

Lab File: VV010617.D

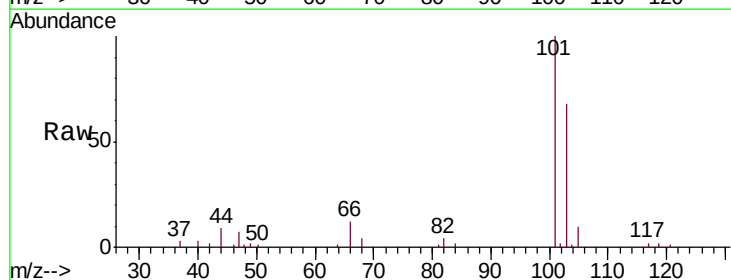
Acq: 01 May 2019 21:07

Tgt Ion: 101 Resp: 18332

Ion Ratio Lower Upper

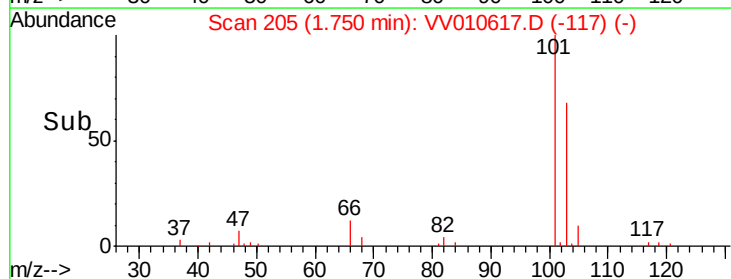
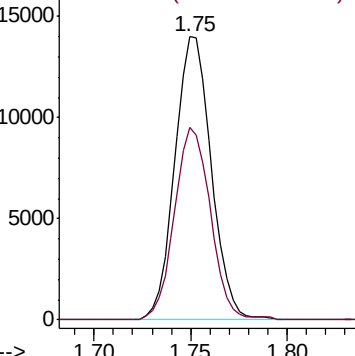
101 100

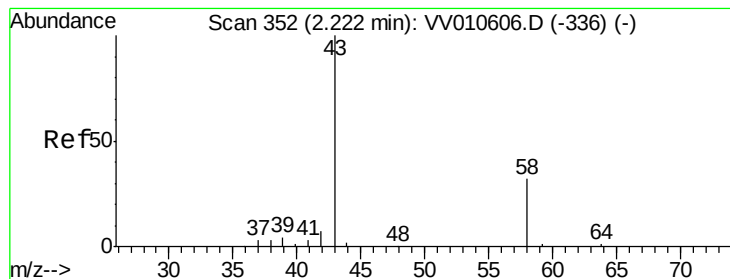
103 67.4 49.5 74.3



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V





#13

Acetone

Concen: 3.499 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.01 min

Lab File: VV010617.D

Acq: 01 May 2019 21:07

Instrument :

MSVOA_V

ClientSampleId :

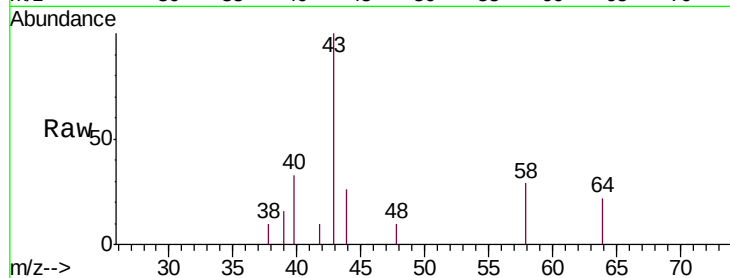
C0XC3

Tgt Ion: 43 Resp: 2189

Ion Ratio Lower Upper

43 100

58 22.6 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VV010606.D (-336) (-)

Ion 58.05 (57.75 to 58.75): VV010606.D (-336) (-)

2.21

1200

1000

800

600

400

200

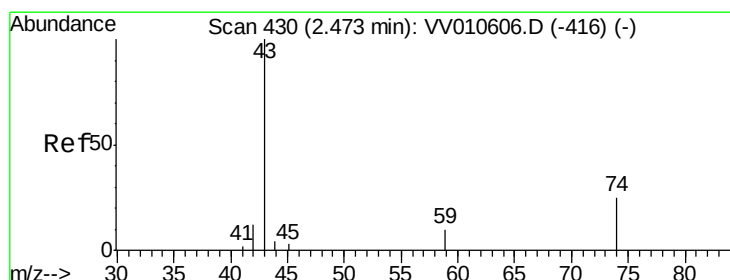
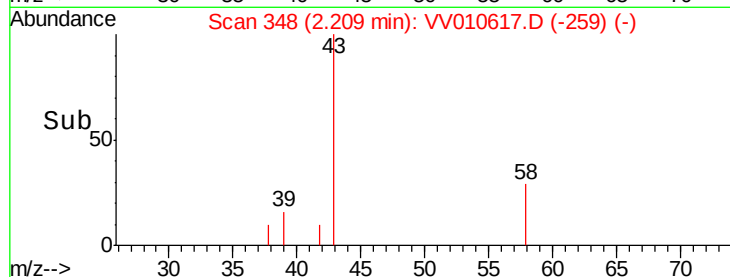
0

Time-->

2.15

2.20

2.25



#15

Methyl Acetate

Concen: 0.173 ug/L

RT: 2.47 min Scan# 430

Delta R.T. 0.00 min

Lab File: VV010617.D

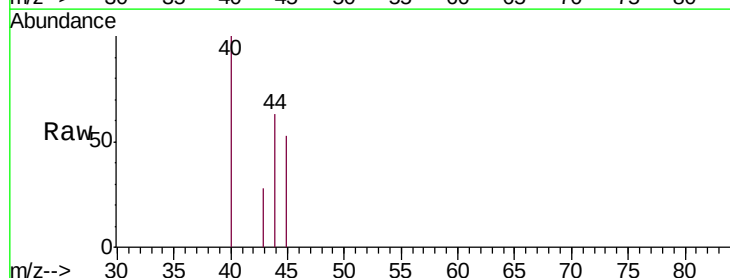
Acq: 01 May 2019 21:07

Tgt Ion: 43 Resp: 334

Ion Ratio Lower Upper

43 100

74 0.0 17.5 26.3#



Abundance Ion 43.05 (42.75 to 43.75): VV010606.D (-416) (-)

Ion 74.05 (73.75 to 74.75): VV010606.D (-416) (-)

2.47

150

100

50

0

Time-->

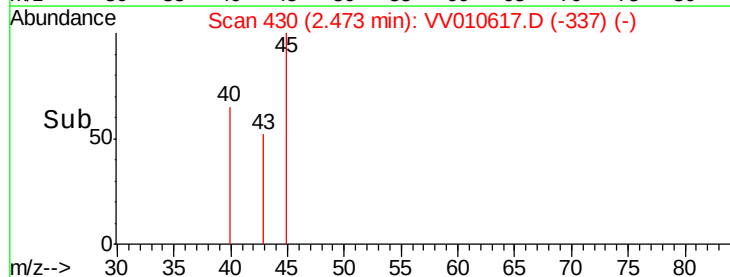
2.42

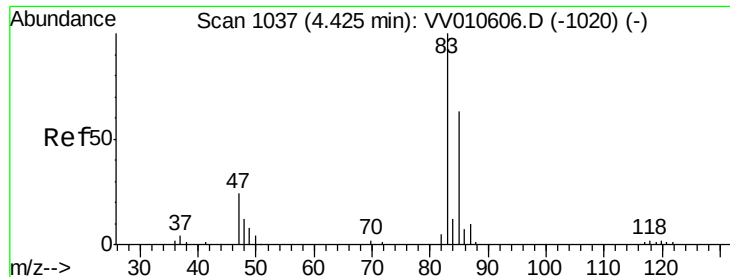
2.44

2.46

2.48

2.50





#25

Chloroform

Concen: 0.237 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.00 min

Lab File: VV010617.D

Acq: 01 May 2019 21:07

Instrument :

MSVOA_V

ClientSampleId :

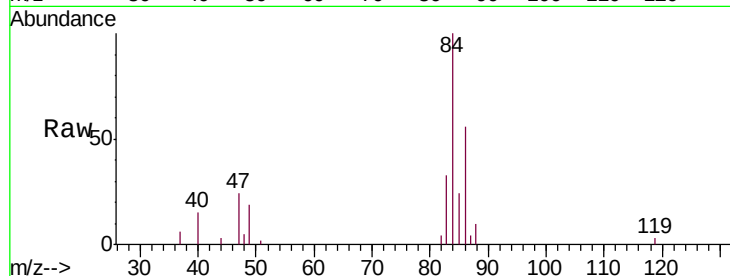
C0XC3

Tgt Ion: 83 Resp: 2420

Ion Ratio Lower Upper

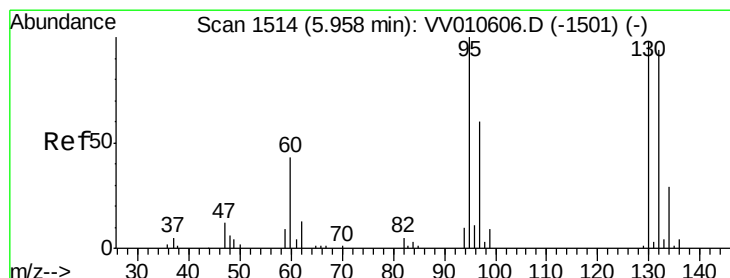
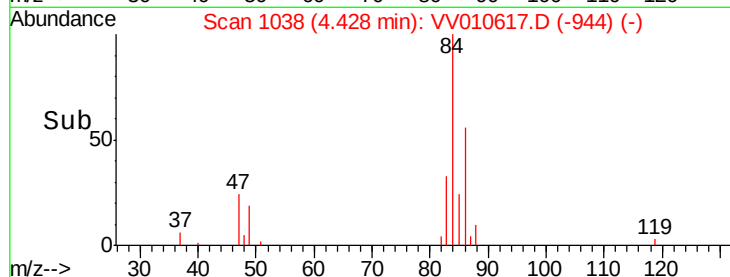
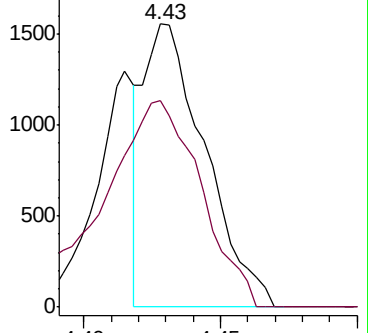
83 100

85 73.2 43.7 81.1



Abundance Ion 83.05 (82.75 to 83.75): VV010606.D (-1020) (-)

Ion 85.00 (84.70 to 85.70): VV010606.D (-1020) (-)



#34

Trichloroethene

Concen: 0.218 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VV010617.D

Acq: 01 May 2019 21:07

Tgt Ion: 95 Resp: 1286

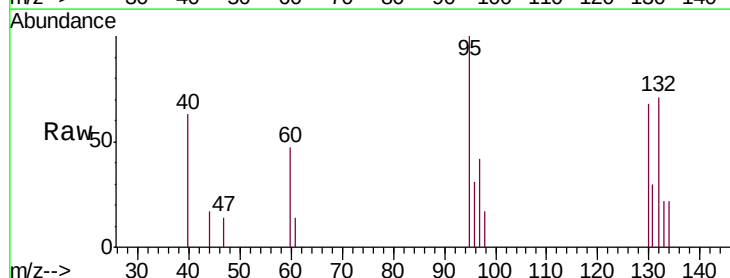
Ion Ratio Lower Upper

95 100

97 42.3 42.4 78.6#

132 71.1 69.3 128.7

130 68.5 70.3 130.7#

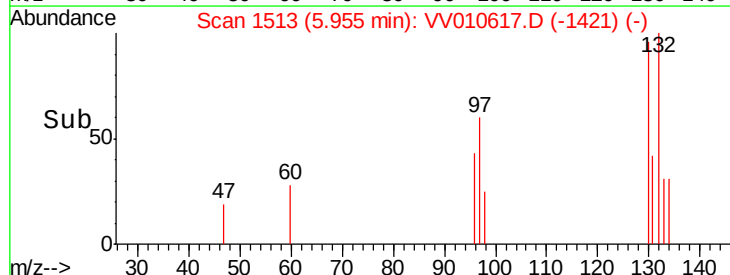
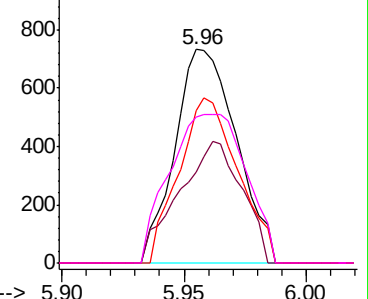


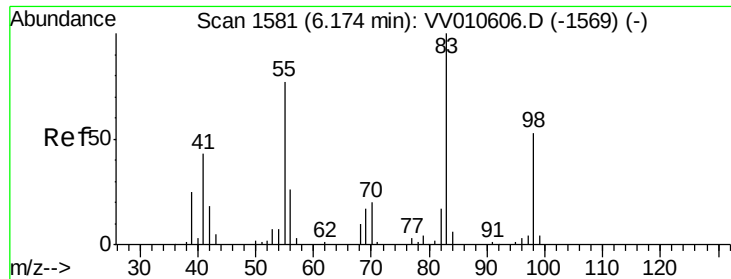
Abundance Ion 95.00 (94.70 to 95.70): VV010606.D (-1501) (-)

Ion 96.95 (96.65 to 97.65): VV010606.D (-1501) (-)

Ion 131.95 (131.65 to 132.65): VV010606.D (-1501) (-)

Ion 129.95 (129.65 to 130.65): VV010606.D (-1501) (-)

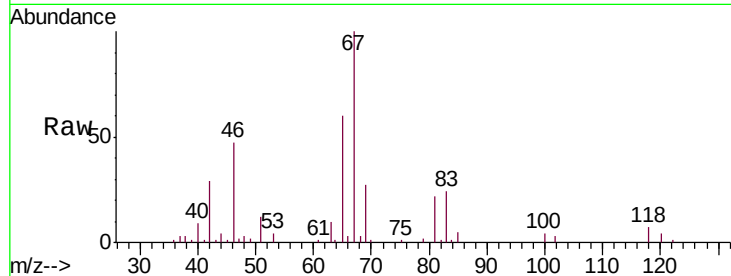




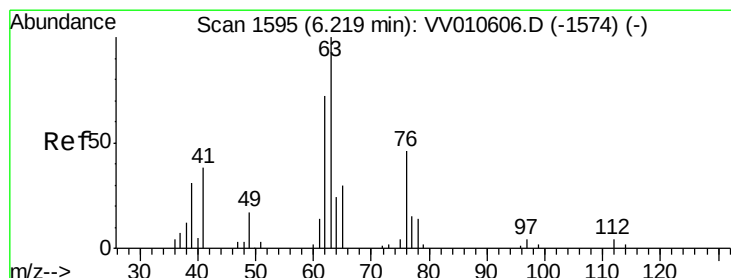
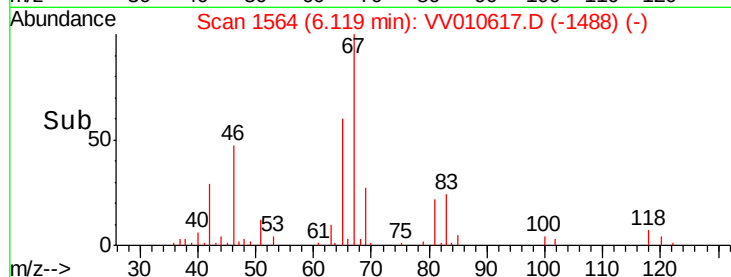
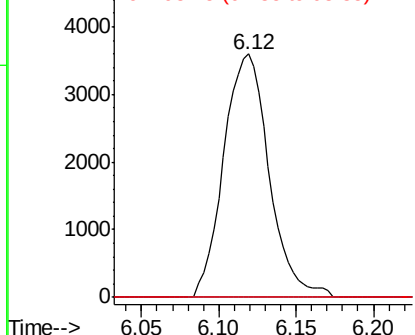
#35
Methylcyclohexane
Concen: 0.856 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV010617.D
Acq: 01 May 2019 21:07

Instrument :
MSVOA_V
ClientSampleId :
C0XC3

Tgt Ion: 83 Resp: 7332
Ion Ratio Lower Upper
83 100
55 0.0 63.4 95.0#
98 1.2 38.7 58.1#

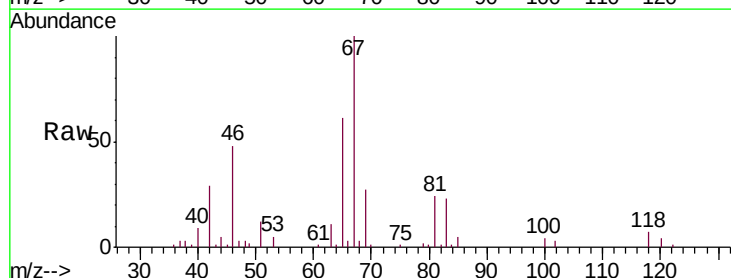


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

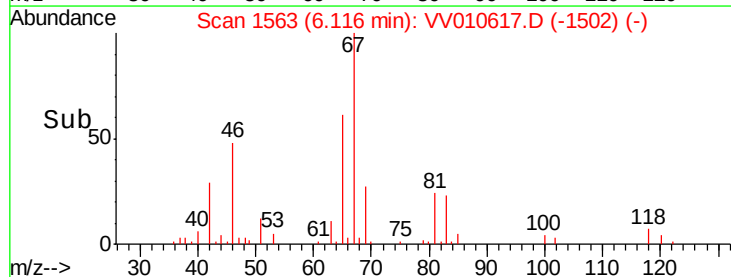
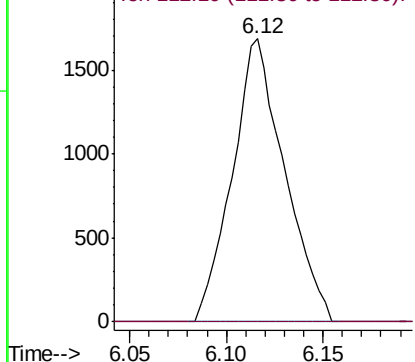


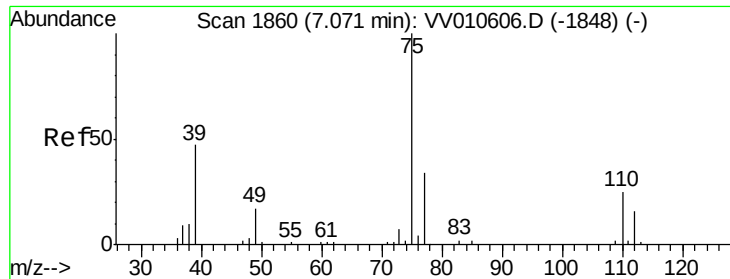
#37
1,2-Dichloropropane
Concen: 0.619 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV010617.D
Acq: 01 May 2019 21:07

Tgt Ion: 63 Resp: 3173
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V

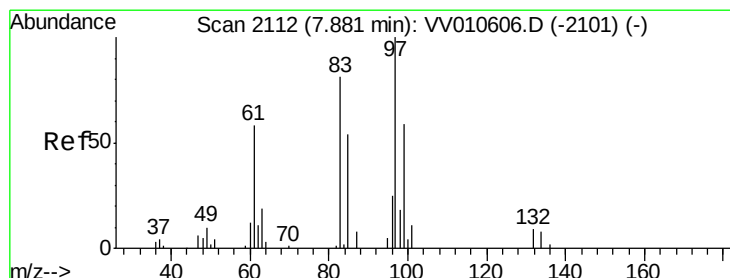
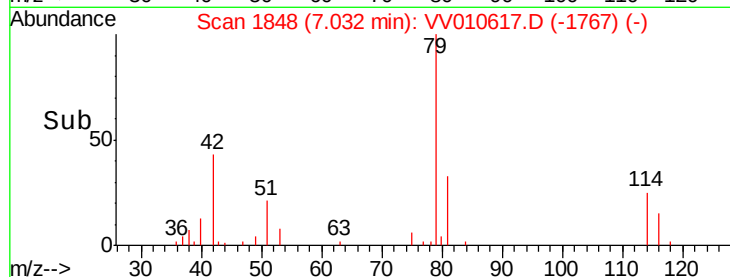
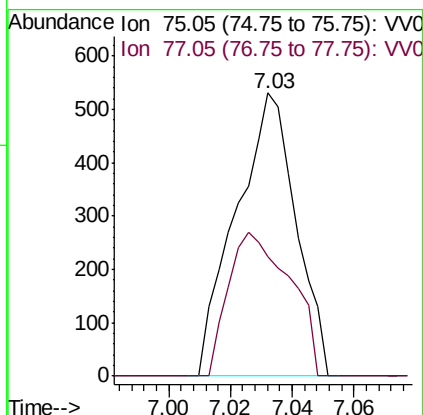
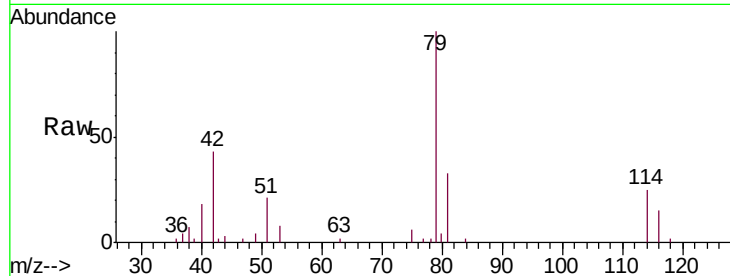




#39
 cis-1,3-Dichloropropene
 Concen: 0.103 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV010617.D
 Acq: 01 May 2019 21:07

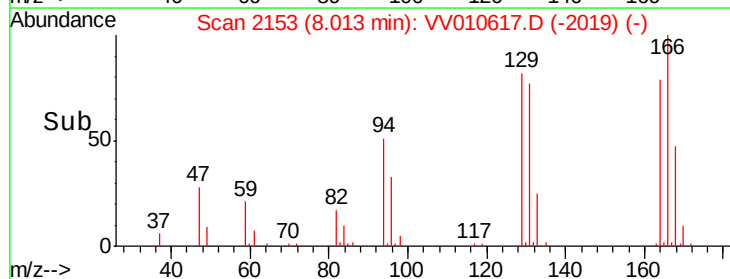
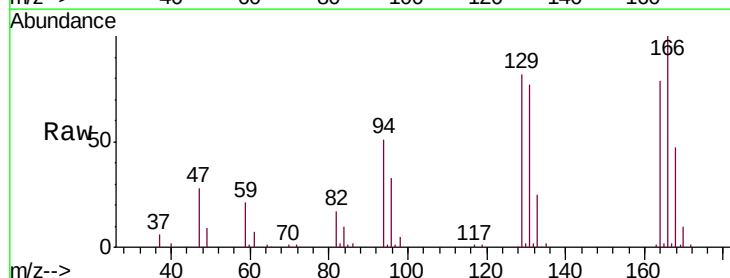
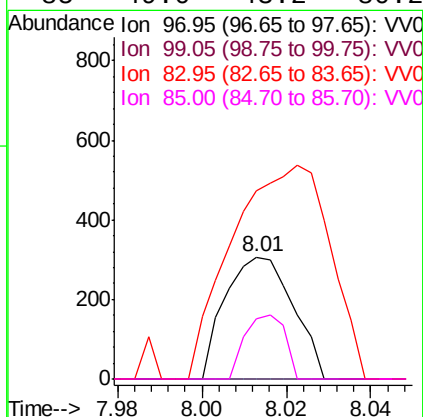
Instrument :
 MSVOA_V
 ClientSampleId :
 C0XC3

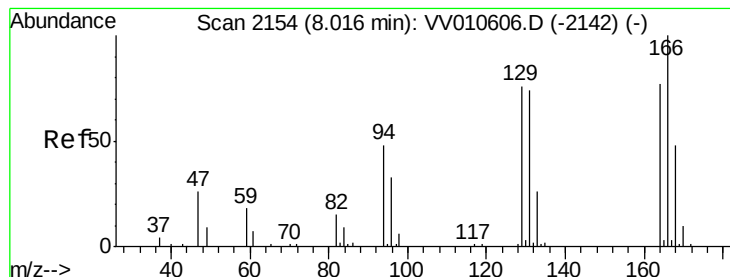
Tgt Ion: 75 Resp: 715
 Ion Ratio Lower Upper
 75 100
 77 42.4 23.9 44.3



#45
 1,1,2-Trichloroethane
 Concen: 0.094 ug/L
 RT: 8.01 min Scan# 2153
 Delta R.T. 0.13 min
 Lab File: VV010617.D
 Acq: 01 May 2019 21:07

Tgt Ion: 97 Resp: 342
 Ion Ratio Lower Upper
 97 100
 99 0.0 47.1 87.5#
 83 154.9 65.9 122.5#
 85 49.0 43.2 80.2





#47

Tetrachloroethene

Concen: 8.819 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV010617.D

Acq: 01 May 2019 21:07

Instrument :

MSVOA_V

ClientSampleId :

C0XC3

Tgt Ion:164 Resp: 41134

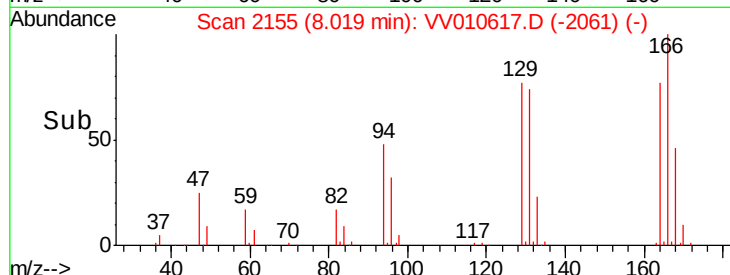
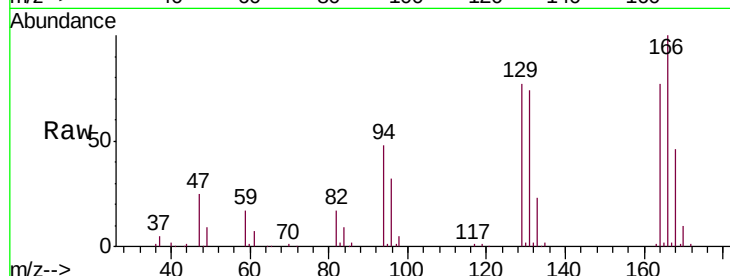
Ion Ratio Lower Upper

164 100

129 100.6 69.9 129.7

131 96.9 65.6 121.8

166 130.5 88.9 165.1

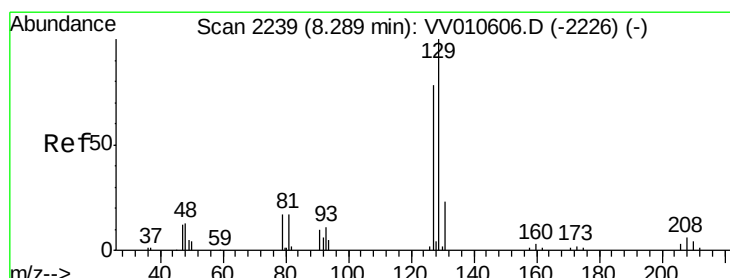
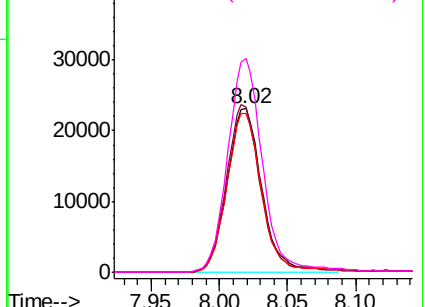


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#49

Dibromochloromethane

Concen: 9.161 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.27 min

Lab File: VV010617.D

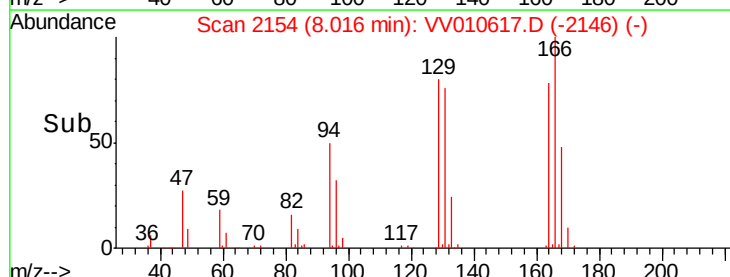
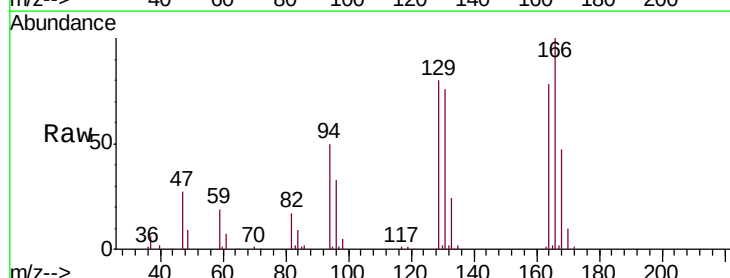
Acq: 01 May 2019 21:07

Tgt Ion:129 Resp: 38872

Ion Ratio Lower Upper

129 100

127 0.0 53.7 99.7#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

