

Data File : VV007871.D
Acq On : 25 Sep 2018 22:34
Operator : SY/MD
Sample : J5036-02 100X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C08W6

Quant Time: Sep 26 05:01:35 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092518WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 26 04:58:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	188058	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	179949	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	89055	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	50884	43.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.34%
7) Chloroethane-d5	1.59	69	48527	47.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.34%
11) 1,1-Dichloroethene-d2	2.14	63	87375	34.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.56%
21) 2-Butanone-d5	3.95	46	65872	82.91	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.91%
24) Chloroform-d	4.41	84	103241	42.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.32%
26) 1,2-Dichloroethane-d4	5.09	65	86099	49.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.62%
32) Benzene-d6	5.11	84	233282	48.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.82%
36) 1,2-Dichloropropane-d6	6.13	67	75227	49.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.70%
41) Toluene-d8	7.36	98	220811	45.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.92%
43) trans-1,3-Dichloropropene-	7.67	79	31987	44.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.04%
47) 2-Hexanone-d5	8.14	63	60549	95.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.00%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	106392	47.76	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.52%
64) 1,2-Dichlorobenzene-d4	11.68	152	96368	48.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.36%

Target Compounds

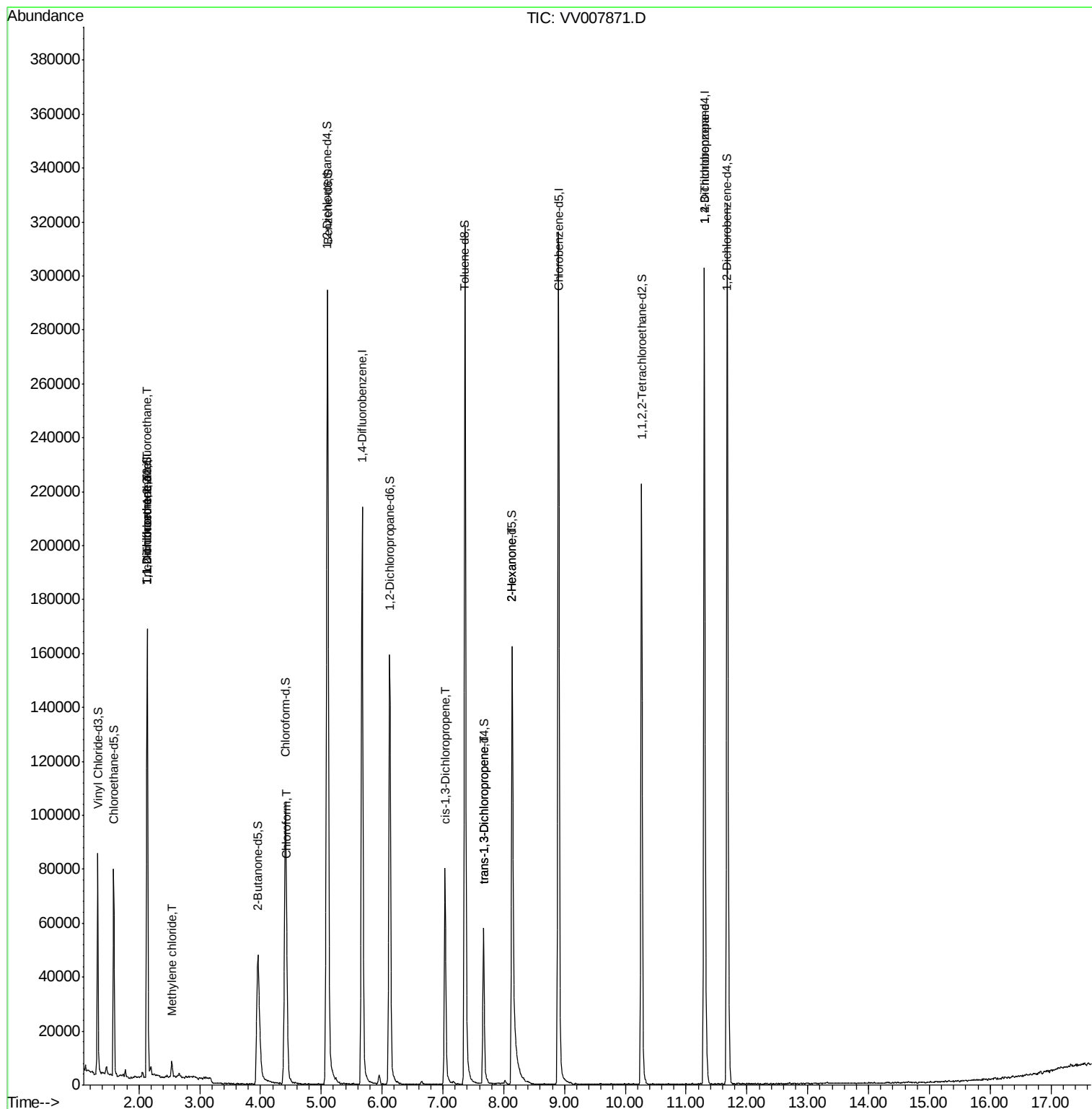
						Qvalue
9) Trichlorofluoromethane	2.14	101	837	0.363	ug/L #	31
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	837	0.649	ug/L #	15
12) 1,1-Dichloroethene	2.14	96	780	0.674	ug/L #	1
16) Methylene chloride	2.54	84	2276	1.778	ug/L	97
25) Chloroform	4.44	83	15717	6.251	ug/L	99
39) cis-1,3-Dichloropropene	7.04	75	2027	1.082	ug/L #	67
44) trans-1,3-Dichloropropene	7.67	75	1365	0.733	ug/L	92
48) 2-Hexanone	8.14	43	8068	5.598	ug/L #	76
59) 1,2,3-Trichloropropane	11.30	75	9481	5.519	ug/L #	83

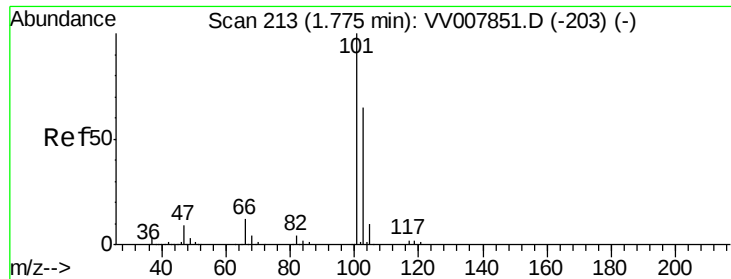
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 0.363 ug/L

RT: 2.14 min Scan# 326

Delta R.T. 0.36 min

Lab File: VV007871.D

Acq: 25 Sep 2018 22:34

Instrument :

MSVOA_V

ClientSampled :

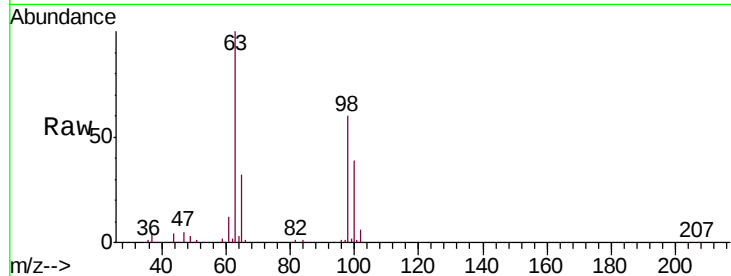
C08W6

Tgt Ion:101 Resp: 837

Ion Ratio Lower Upper

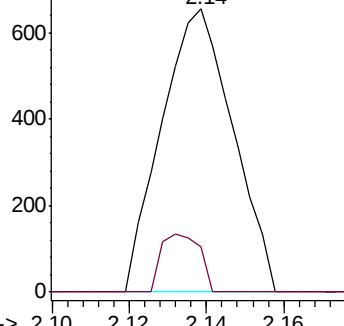
101 100

103 11.0 52.4 78.6#

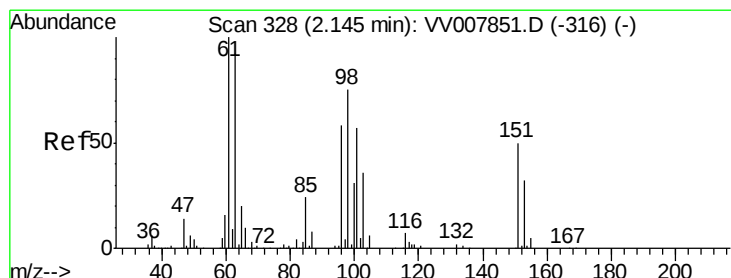
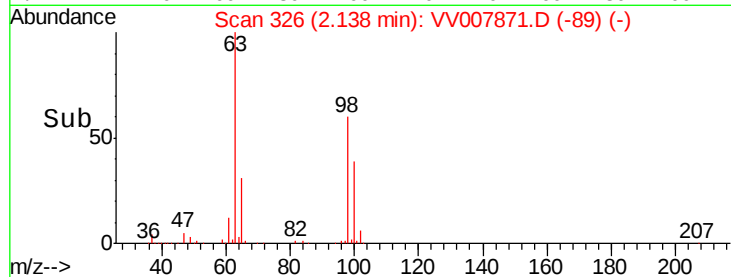


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



Time--> 2.10 2.12 2.14 2.16



#10

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

Concen: 0.649 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VV007871.D

Acq: 25 Sep 2018 22:34

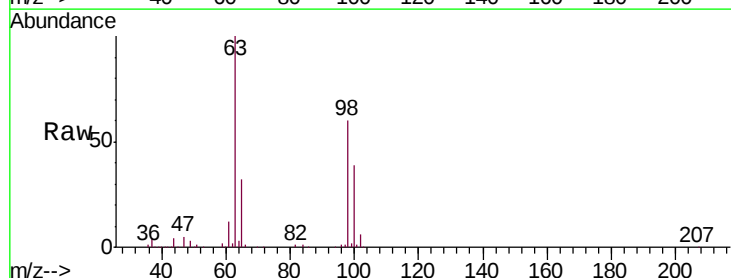
Tgt Ion:101 Resp: 837

Ion Ratio Lower Upper

101 100

85 0.0 34.2 51.2#

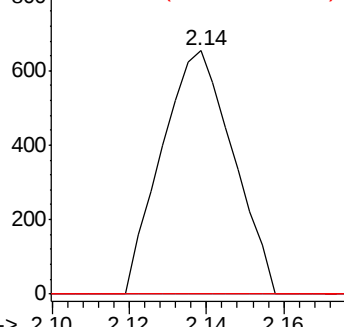
151 0.0 69.7 104.5#



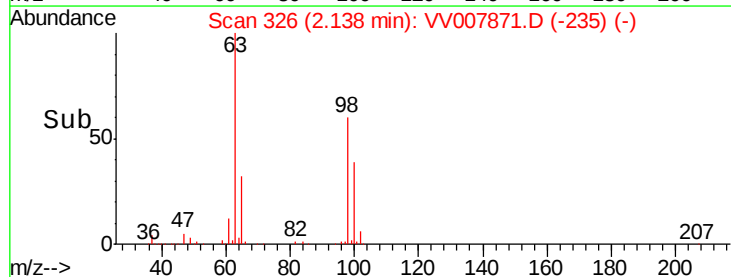
Abundance Ion 101.00 (100.70 to 101.70): V

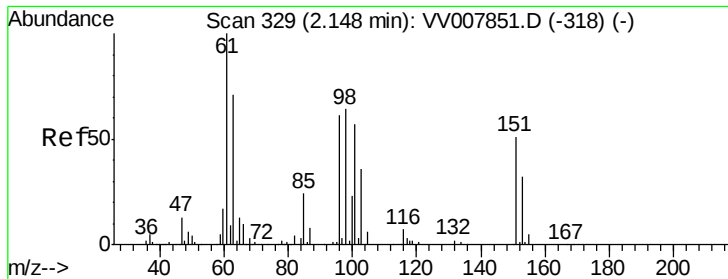
Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



Time--> 2.10 2.12 2.14 2.16





#12

1,1-Dichloroethene

Concen: 0.674 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VV007871.D

Acq: 25 Sep 2018 22:34

Instrument :

MSVOA_V

ClientSampleId :

C08W6

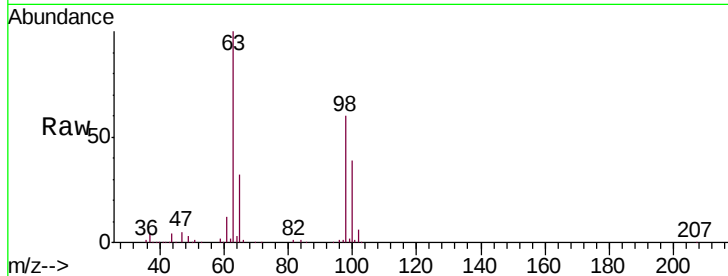
Tgt Ion: 96 Resp: 780

Ion Ratio Lower Upper

96 100

61 1430.3 116.1 215.7#

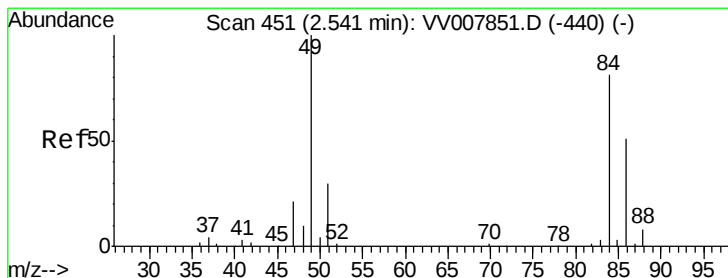
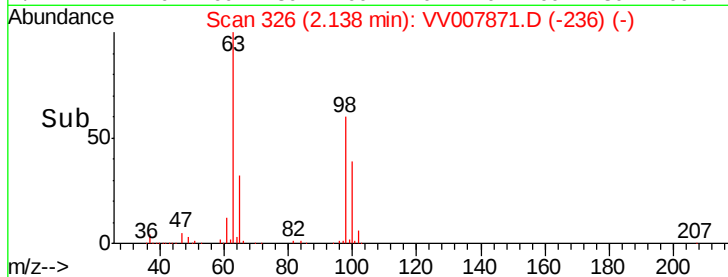
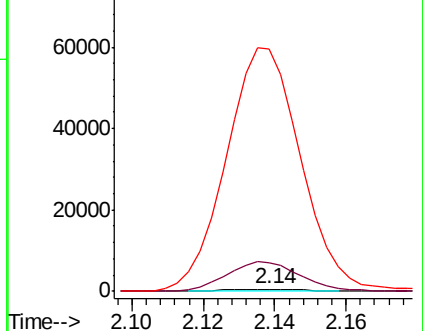
63 11886.9 86.5 160.7#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0



#16

Methylene chloride

Concen: 1.778 ug/L

RT: 2.54 min Scan# 452

Delta R.T. 0.00 min

Lab File: VV007871.D

Acq: 25 Sep 2018 22:34

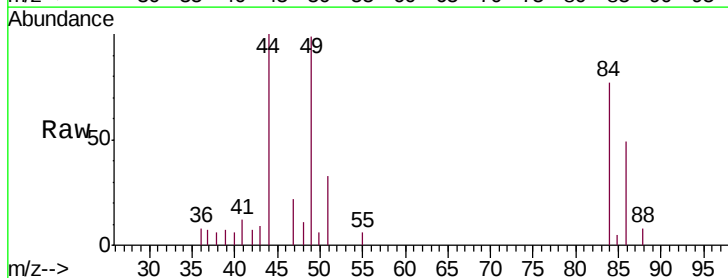
Tgt Ion: 84 Resp: 2276

Ion Ratio Lower Upper

84 100

86 63.2 44.4 82.4

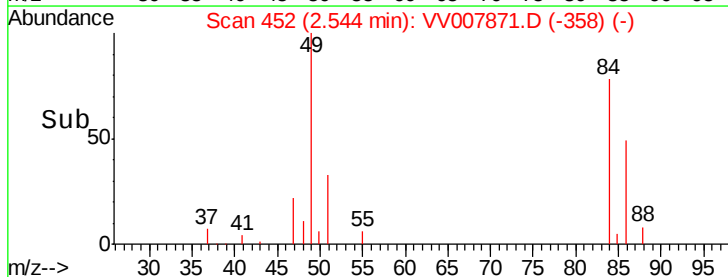
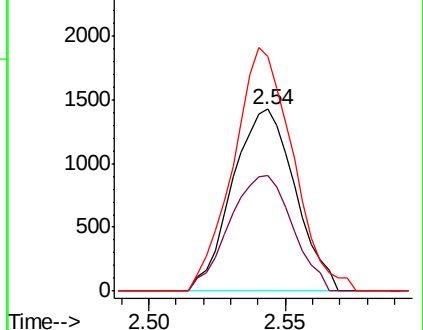
49 128.8 86.8 161.2

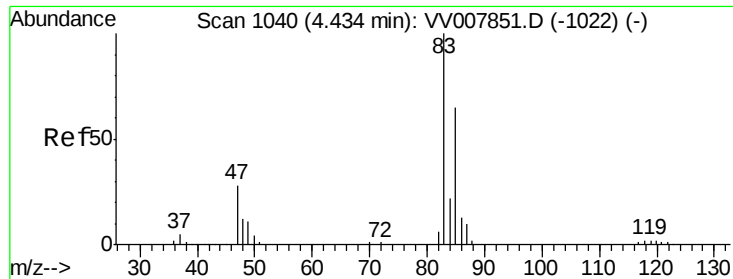


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

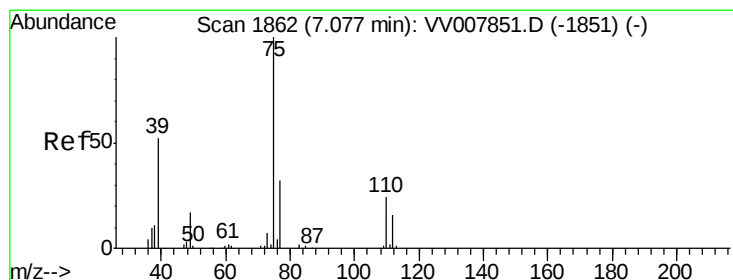
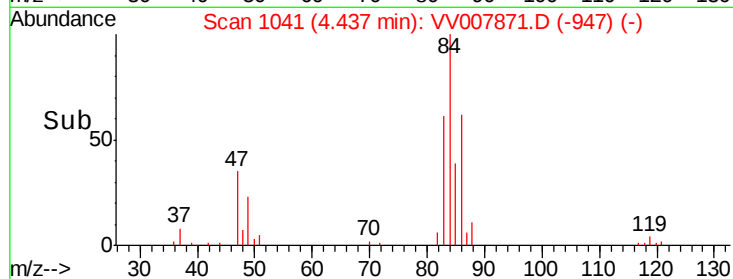
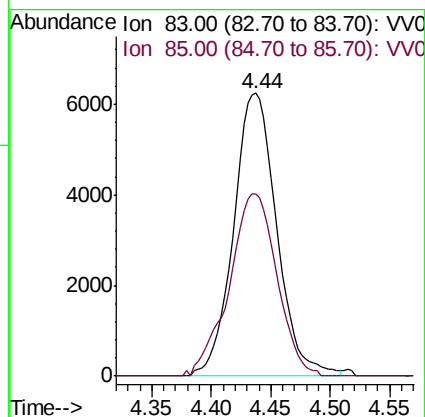
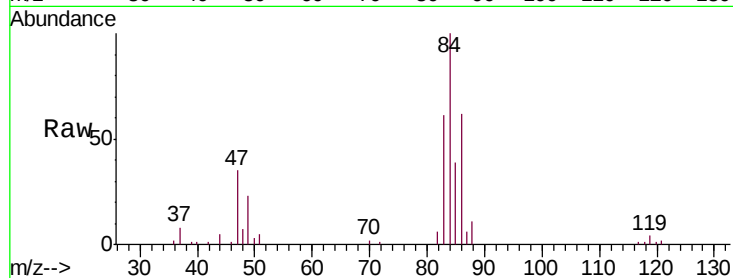




#25
Chloroform
Concen: 6.251 ug/L
RT: 4.44 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VV007871.D
Acq: 25 Sep 2018 22:34

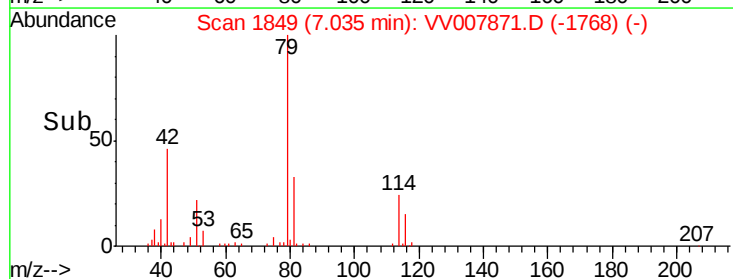
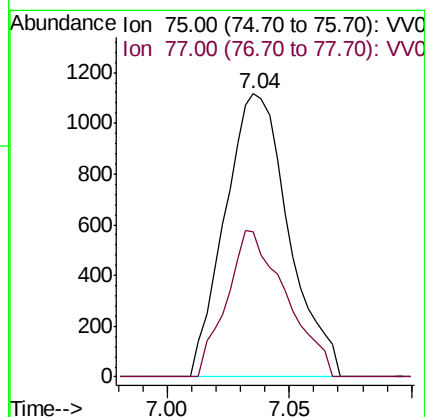
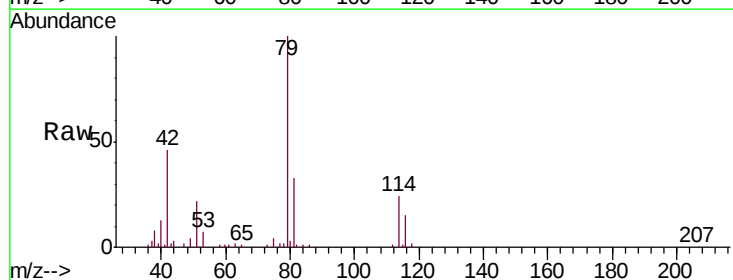
Instrument :
MSVOA_V
ClientSampled :
C08W6

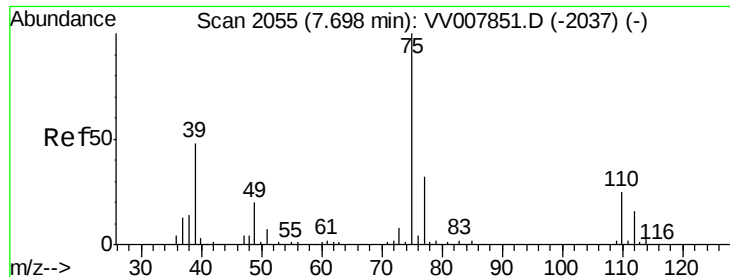
Tgt Ion: 83 Resp: 15717
Ion Ratio Lower Upper
83 100
85 64.6 45.9 85.3



#39
cis-1,3-Dichloropropene
Concen: 1.082 ug/L
RT: 7.04 min Scan# 1849
Delta R.T. -0.04 min
Lab File: VV007871.D
Acq: 25 Sep 2018 22:34

Tgt Ion: 75 Resp: 2027
Ion Ratio Lower Upper
75 100
77 51.1 22.8 42.4#





#44

trans-1,3-Dichloropropene

Concen: 0.733 ug/L

RT: 7.67 min Scan# 2047

Delta R.T. -0.03 min

Lab File: VV007871.D

Acq: 25 Sep 2018 22:34

Instrument :

MSVOA_V

ClientSampleId :

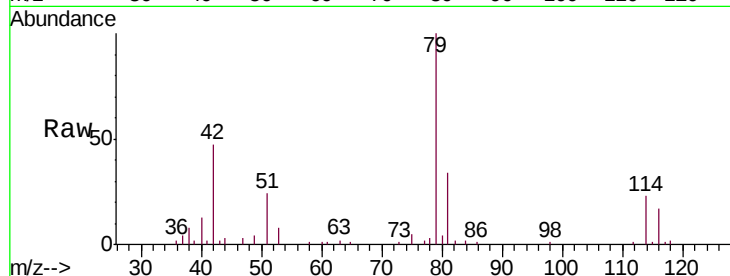
C08W6

Tgt Ion: 75 Resp: 1365

Ion Ratio Lower Upper

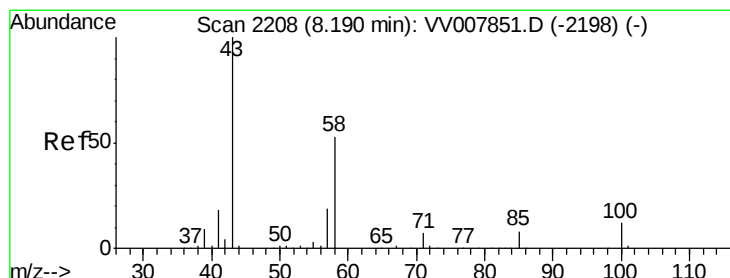
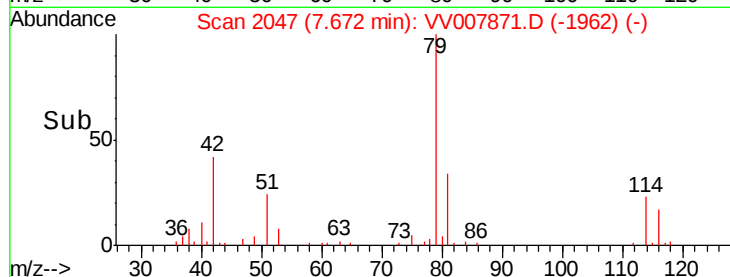
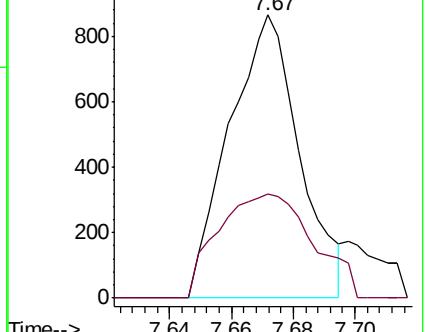
75 100

77 36.8 22.5 41.9



Abundance Ion 75.00 (74.70 to 75.70): VV007851.D (-2037) (-)

Ion 77.00 (76.70 to 77.70): VV007851.D (-2037) (-)



#48

2-Hexanone

Concen: 5.598 ug/L

RT: 8.14 min Scan# 2192

Delta R.T. -0.05 min

Lab File: VV007871.D

Acq: 25 Sep 2018 22:34

Tgt Ion: 43 Resp: 8068

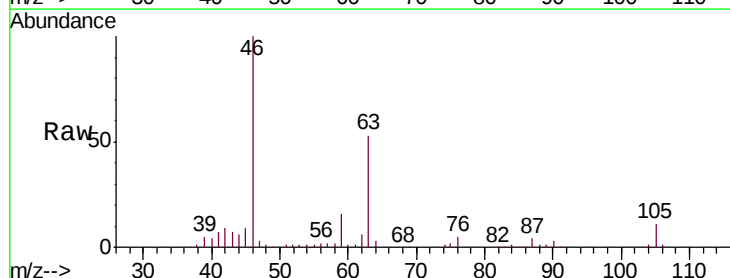
Ion Ratio Lower Upper

43 100

58 35.5 41.1 61.7#

57 27.0 14.3 21.5#

100 0.0 9.9 14.9#

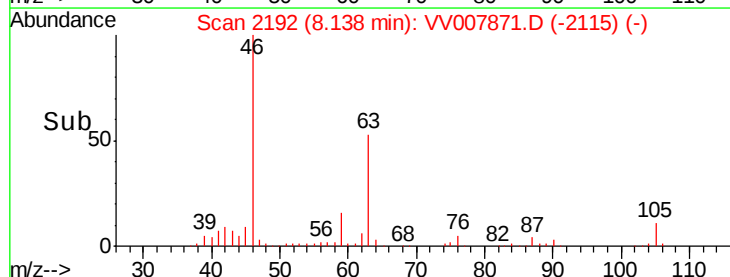
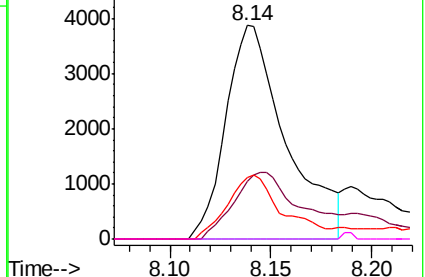


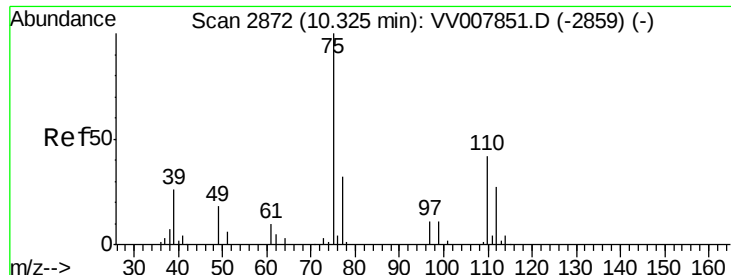
Abundance Ion 43.00 (42.70 to 43.70): VV007851.D (-2198) (-)

Ion 58.00 (57.70 to 58.70): VV007851.D (-2198) (-)

Ion 57.00 (56.70 to 57.70): VV007851.D (-2198) (-)

Ion 100.00 (99.70 to 100.70): VV007851.D (-2198) (-)





#59
 1,2,3-Trichloropropane
 Concen: 5.519 ug/L
 RT: 11.30 min Scan# 3175
 Delta R.T. 0.97 min
 Lab File: VV007871.D
 Acq: 25 Sep 2018 22:34

Instrument :
 MSVOA_V
 ClientSampleId :
 C08W6

Tgt Ion: 75 Resp: 9481
 Ion Ratio Lower Upper
 75 100
 77 41.4 25.8 38.6#

