

Data File : VV007872.D
Acq On : 25 Sep 2018 22:59
Operator : SY/MD
Sample : J5036-03 100X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C08W7

Quant Time: Sep 26 05:01:43 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	191305	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	186045	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	91926	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	52715	43.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.92%
7) Chloroethane-d5	1.59	69	49930	48.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.42%
11) 1,1-Dichloroethene-d2	2.14	63	91324	35.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.48%
21) 2-Butanone-d5	3.95	46	77731	96.17	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.17%
24) Chloroform-d	4.41	84	107751	43.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.52%
26) 1,2-Dichloroethane-d4	5.09	65	87836	49.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.90%
32) Benzene-d6	5.11	84	242682	48.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.42%
36) 1,2-Dichloropropane-d6	6.13	67	76851	49.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.50%
41) Toluene-d8	7.36	98	233786	46.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.10%
43) trans-1,3-Dichloropropene-	7.67	79	32799	44.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.30%
47) 2-Hexanone-d5	8.14	63	63487	96.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.35%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	106839	46.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.78%
64) 1,2-Dichlorobenzene-d4	11.68	152	100886	49.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.74%

Target Compounds

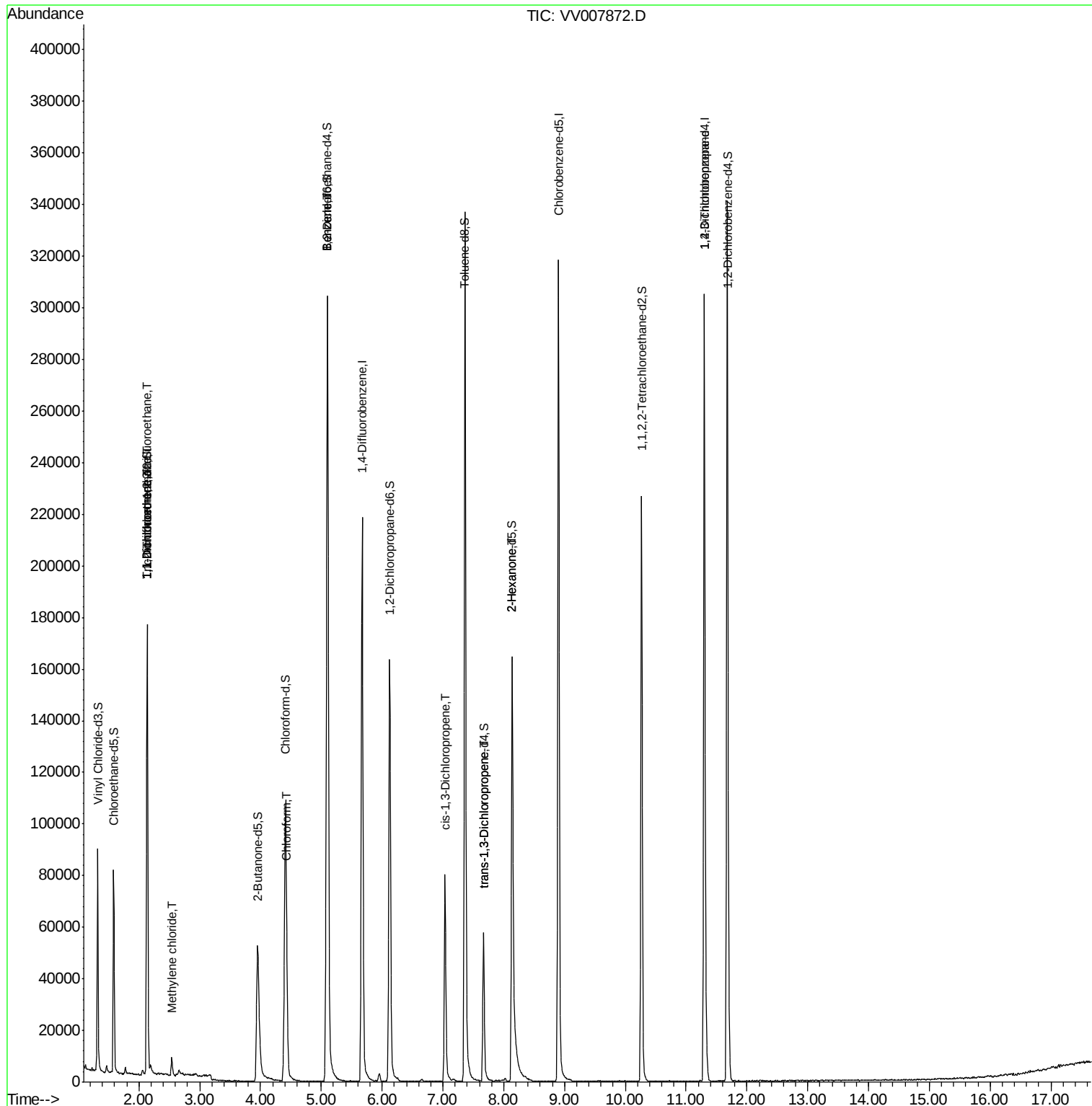
					Qvalue
9) Trichlorofluoromethane	2.14	101	853	0.363 ug/L #	32
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	853	0.650 ug/L #	15
12) 1,1-Dichloroethene	2.14	96	738	0.627 ug/L #	1
16) Methylene chloride	2.54	84	2309	1.773 ug/L	99
25) Chloroform	4.44	83	15180	5.935 ug/L	94
33) Benzene	5.10	78	2004	0.401 ug/L	100
39) cis-1,3-Dichloropropene	7.04	75	2200	1.136 ug/L #	72
44) trans-1,3-Dichloropropene	7.67	75	1587	0.824 ug/L #	81
48) 2-Hexanone	8.14	43	7044	4.727 ug/L #	78
59) 1,2,3-Trichloropropane	11.30	75	9549	5.376 ug/L #	82

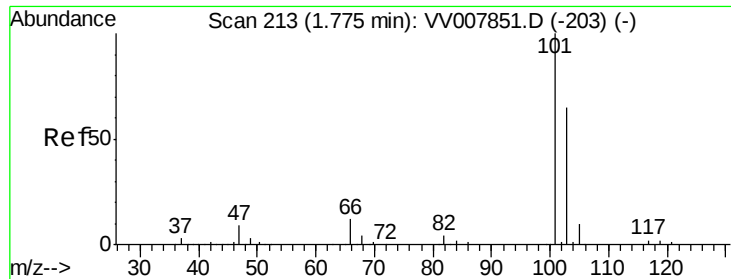
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 26 04:58:06 2018
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: VV007872.D

Acq: 25 Sep 2018 22:59

Instrument :

MSVOA_V

ClientSampleId :

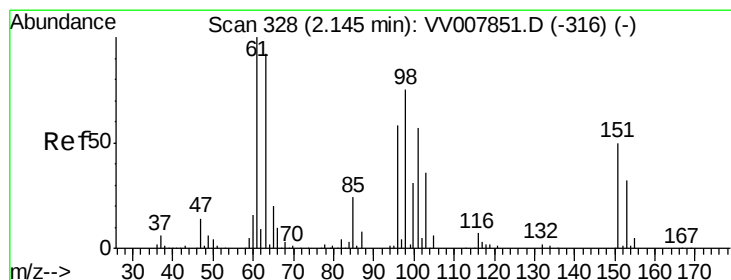
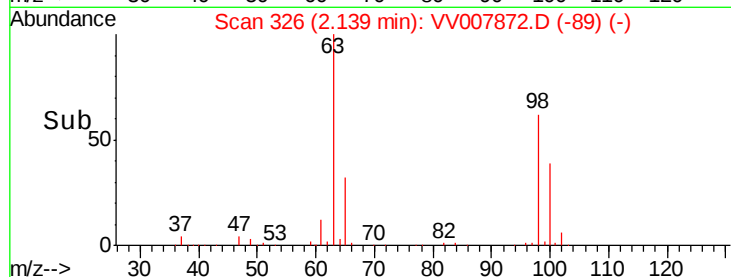
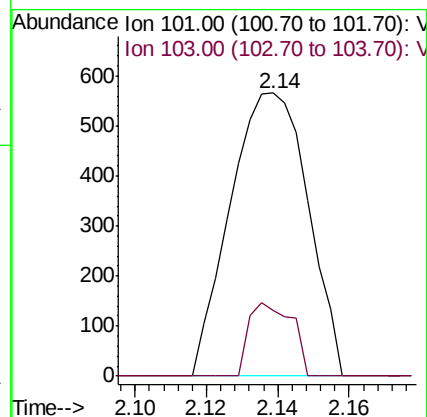
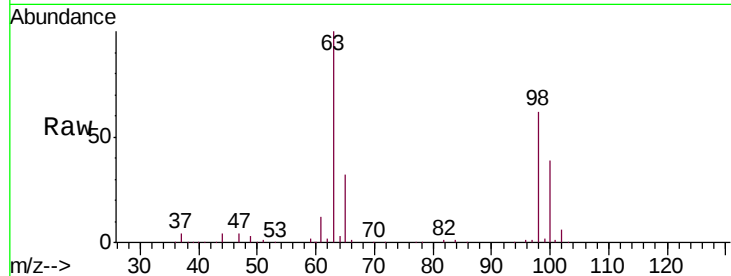
C08W7

Tgt Ion:101 Resp: 853

Ion Ratio Lower Upper

101 100

103 11.7 52.4 78.6#



#10

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

Concen: 0.650 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VV007872.D

Acq: 25 Sep 2018 22:59

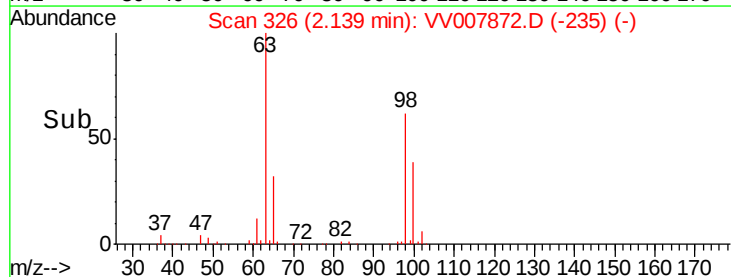
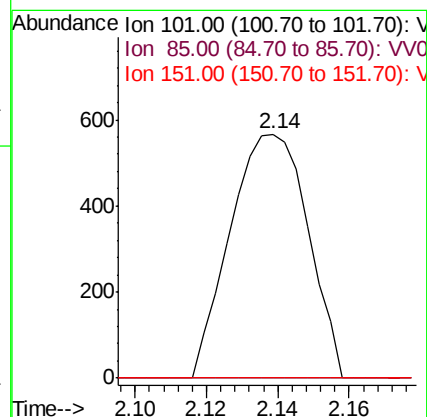
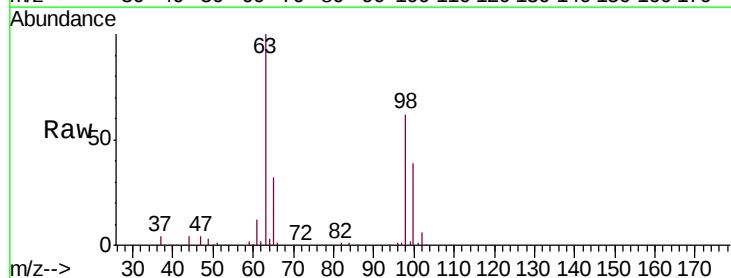
Tgt Ion:101 Resp: 853

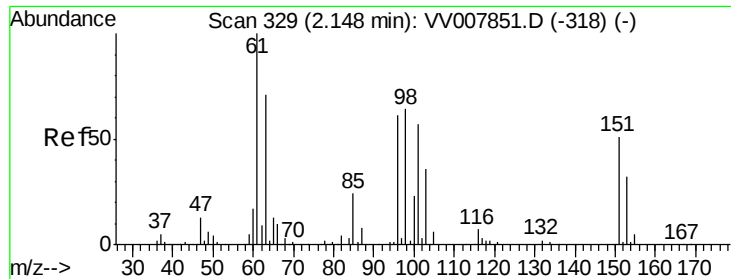
Ion Ratio Lower Upper

101 100

85 0.0 34.2 51.2#

151 0.0 69.7 104.5#

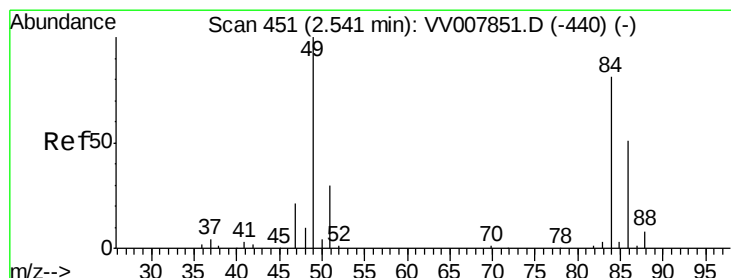
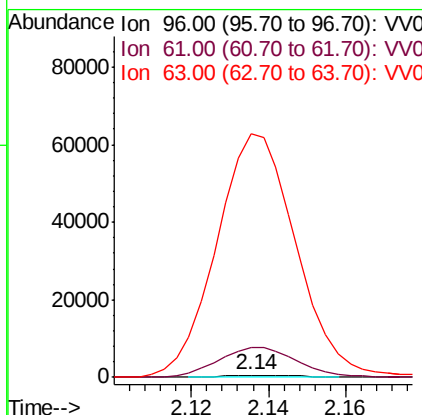
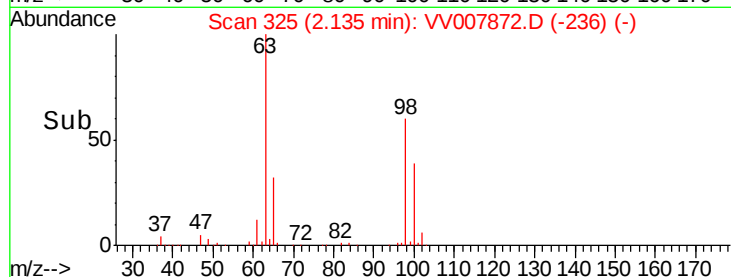
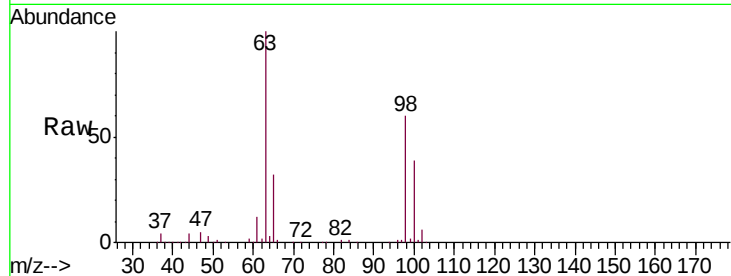




#12
 1,1-Dichloroethene
 Concen: 0.627 ug/L
 RT: 2.14 min Scan# 325
 Delta R.T. -0.01 min
 Lab File: VV007872.D
 Acq: 25 Sep 2018 22:59

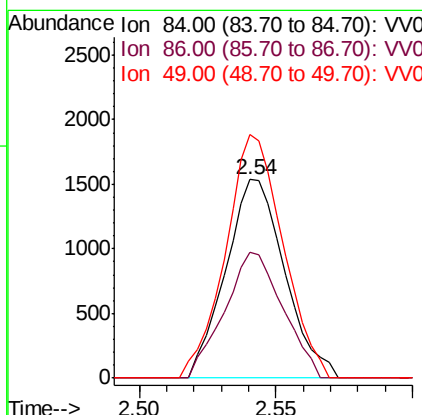
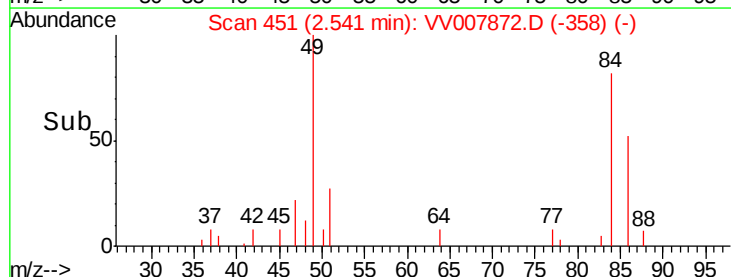
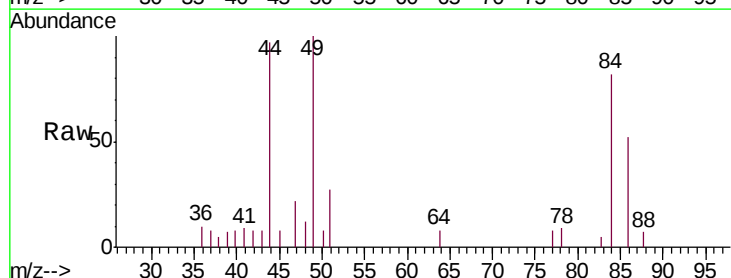
Instrument :
 MSVOA_V
 ClientSampleId :
 C08W7

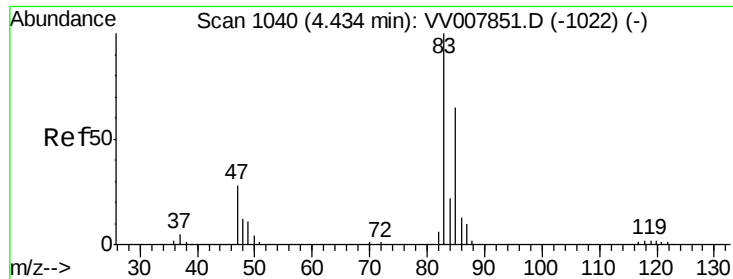
Tgt Ion: 96 Resp: 738
 Ion Ratio Lower Upper
 96 100
 61 1336.3 116.1 215.7#
 63 10904.2 86.5 160.7#



#16
 Methylene chloride
 Concen: 1.773 ug/L
 RT: 2.54 min Scan# 451
 Delta R.T. 0.00 min
 Lab File: VV007872.D
 Acq: 25 Sep 2018 22:59

Tgt Ion: 84 Resp: 2309
 Ion Ratio Lower Upper
 84 100
 86 63.5 44.4 82.4
 49 122.7 86.8 161.2

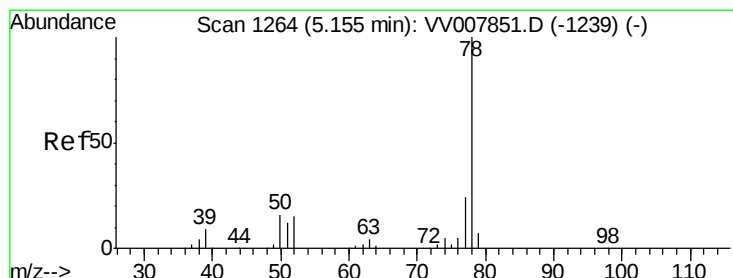
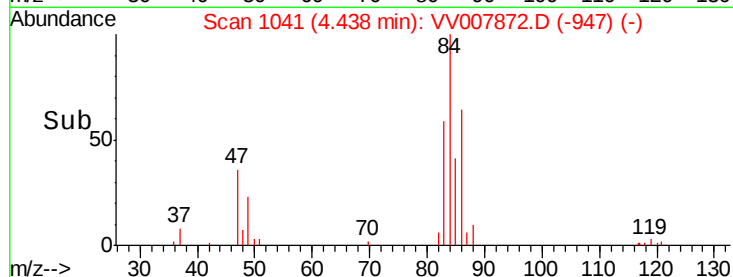
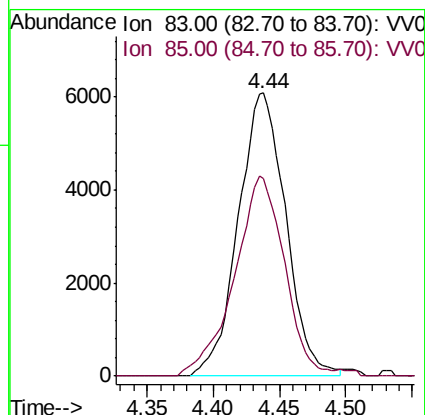
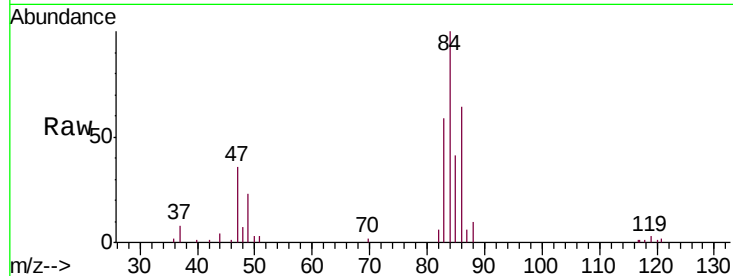




#25
Chloroform
Concen: 5.935 ug/L
RT: 4.44 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VV007872.D
Acq: 25 Sep 2018 22:59

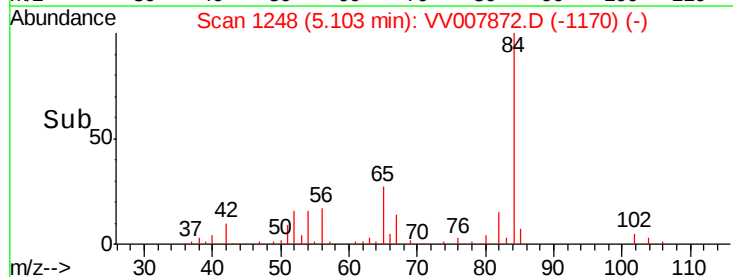
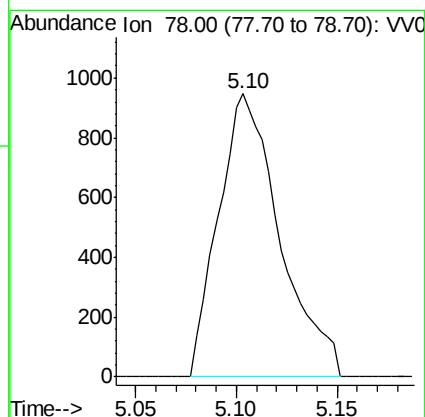
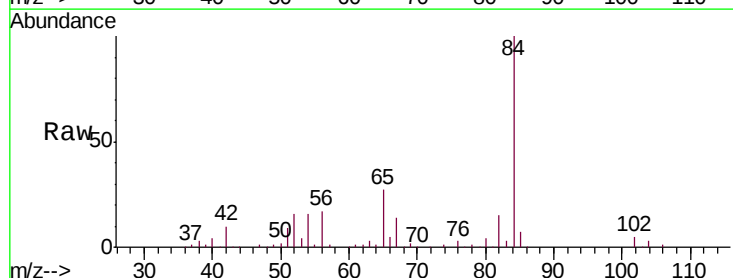
Instrument :
MSVOA_V
ClientSampleId :
C08W7

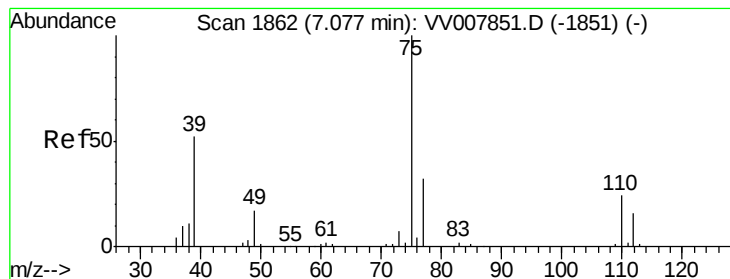
Tgt Ion: 83 Resp: 15180
Ion Ratio Lower Upper
83 100
85 70.0 45.9 85.3



#33
Benzene
Concen: 0.401 ug/L
RT: 5.10 min Scan# 1248
Delta R.T. -0.05 min
Lab File: VV007872.D
Acq: 25 Sep 2018 22:59

Tgt Ion: 78 Resp: 2004





#39

cis-1,3-Dichloropropene

Concen: 1.136 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV007872.D

Acq: 25 Sep 2018 22:59

Instrument :

MSVOA_V

ClientSampleId :

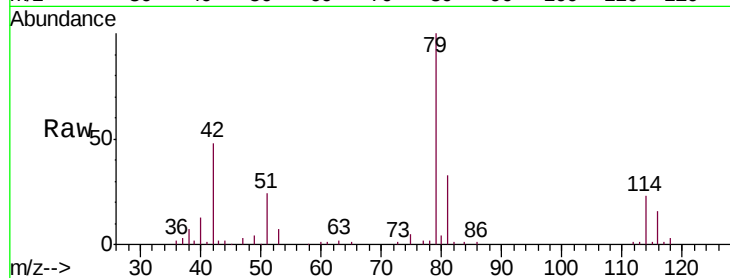
C08W7

Tgt Ion: 75 Resp: 2200

Ion Ratio Lower Upper

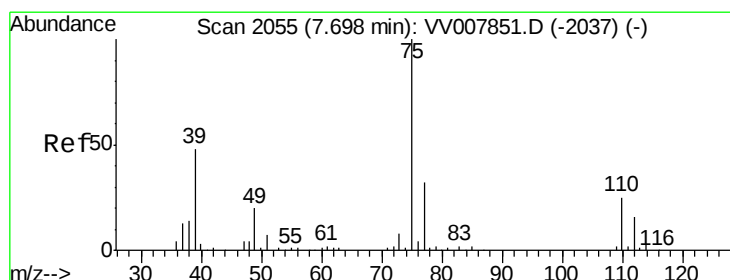
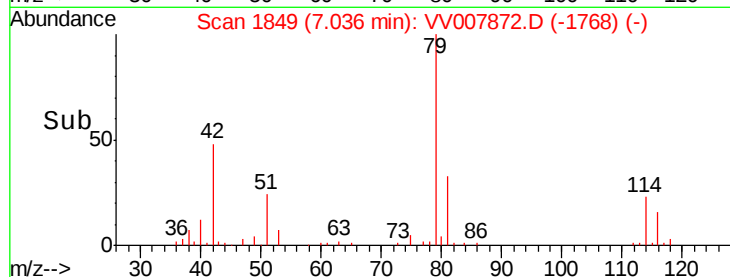
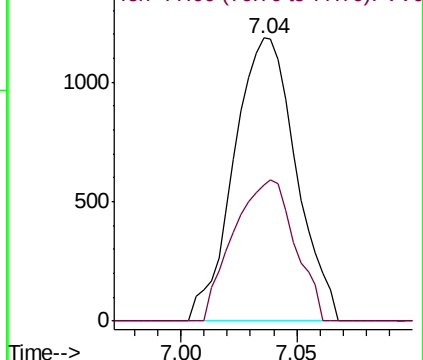
75 100

77 48.3 22.8 42.4#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.824 ug/L

RT: 7.67 min Scan# 2047

Delta R.T. -0.03 min

Lab File: VV007872.D

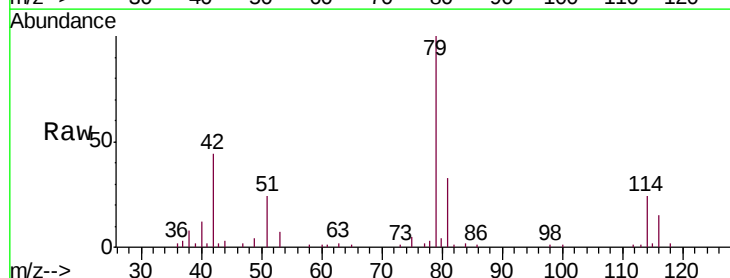
Acq: 25 Sep 2018 22:59

Tgt Ion: 75 Resp: 1587

Ion Ratio Lower Upper

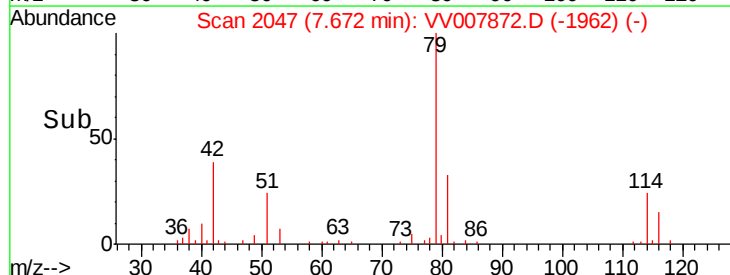
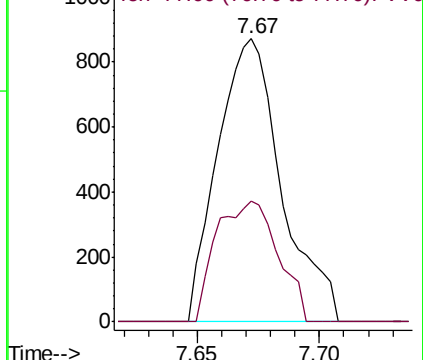
75 100

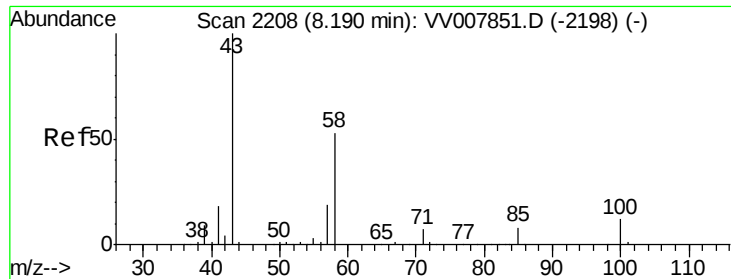
77 42.8 22.5 41.9#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

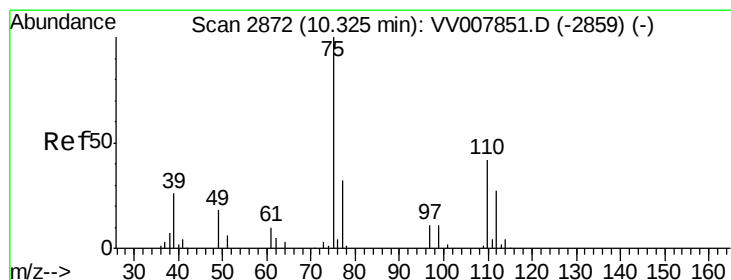
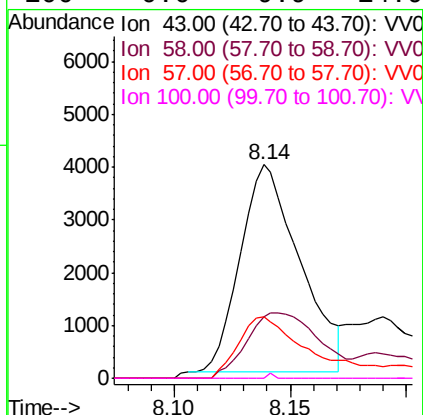
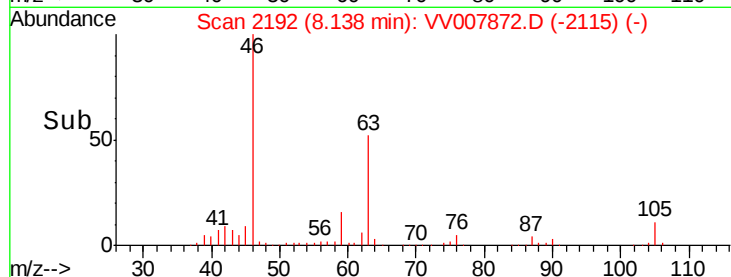
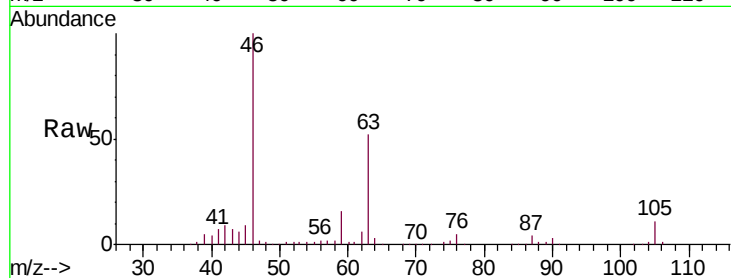




#48
 2-Hexanone
 Concen: 4.727 ug/L
 RT: 8.14 min Scan# 2192
 Delta R.T. -0.05 min
 Lab File: VV007872.D
 Acq: 25 Sep 2018 22:59

Instrument :
 MSVOA_V
 ClientSampled :
 C08W7

Tgt Ion: 43 Resp: 7044
 Ion Ratio Lower Upper
 43 100
 58 38.7 41.1 61.7#
 57 29.9 14.3 21.5#
 100 0.0 9.9 14.9#



#59
 1,2,3-Trichloropropane
 Concen: 5.376 ug/L
 RT: 11.30 min Scan# 3175
 Delta R.T. 0.97 min
 Lab File: VV007872.D
 Acq: 25 Sep 2018 22:59

Tgt Ion: 75 Resp: 9549
 Ion Ratio Lower Upper
 75 100
 77 42.1 25.8 38.6#

