

Data File : VV007612.D
Acq On : 18 Sep 2018 20:06
Operator : SY/MD
Sample : J4887-06DL 40X
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0KQ8DL

Quant Time: Sep 19 01:48:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091818WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 19 01:47:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	122205	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	107521	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	57006	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	26741	4.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.80%
7) Chloroethane-d5	1.59	69	24164	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.60%
11) 1,1-Dichloroethene-d2	2.13	63	48704	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	3.97	46	47454	59.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.16%
24) Chloroform-d	4.41	84	57885	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.09	65	28746	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.10	84	114215	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	6.12	67	33824	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.36	98	114127	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	7.67	79	13234	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	8.15	63	26414	51.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.68%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	19472	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	47927	4.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.00%

Target Compounds

					Qvalue
12) 1,1-Dichloroethene	2.14	96	3875	0.455 ug/L #	1
16) Methylene chloride	2.54	84	1302	0.145 ug/L	92
22) cis-1,2-Dichloroethene	3.97	96	1993	0.240 ug/L	86
29) 1,1,1-Trichloroethane	4.66	97	2168	0.173 ug/L	96
34) Trichloroethene	5.96	95	48177	5.260 ug/L	99
35) Methylcyclohexane	6.12	83	8274	0.622 ug/L #	22
37) 1,2-Dichloropropane	6.13	63	3665	0.585 ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	1127	0.109 ug/L #	68
48) 2-Hexanone	8.19	43	9736	3.442 ug/L #	47

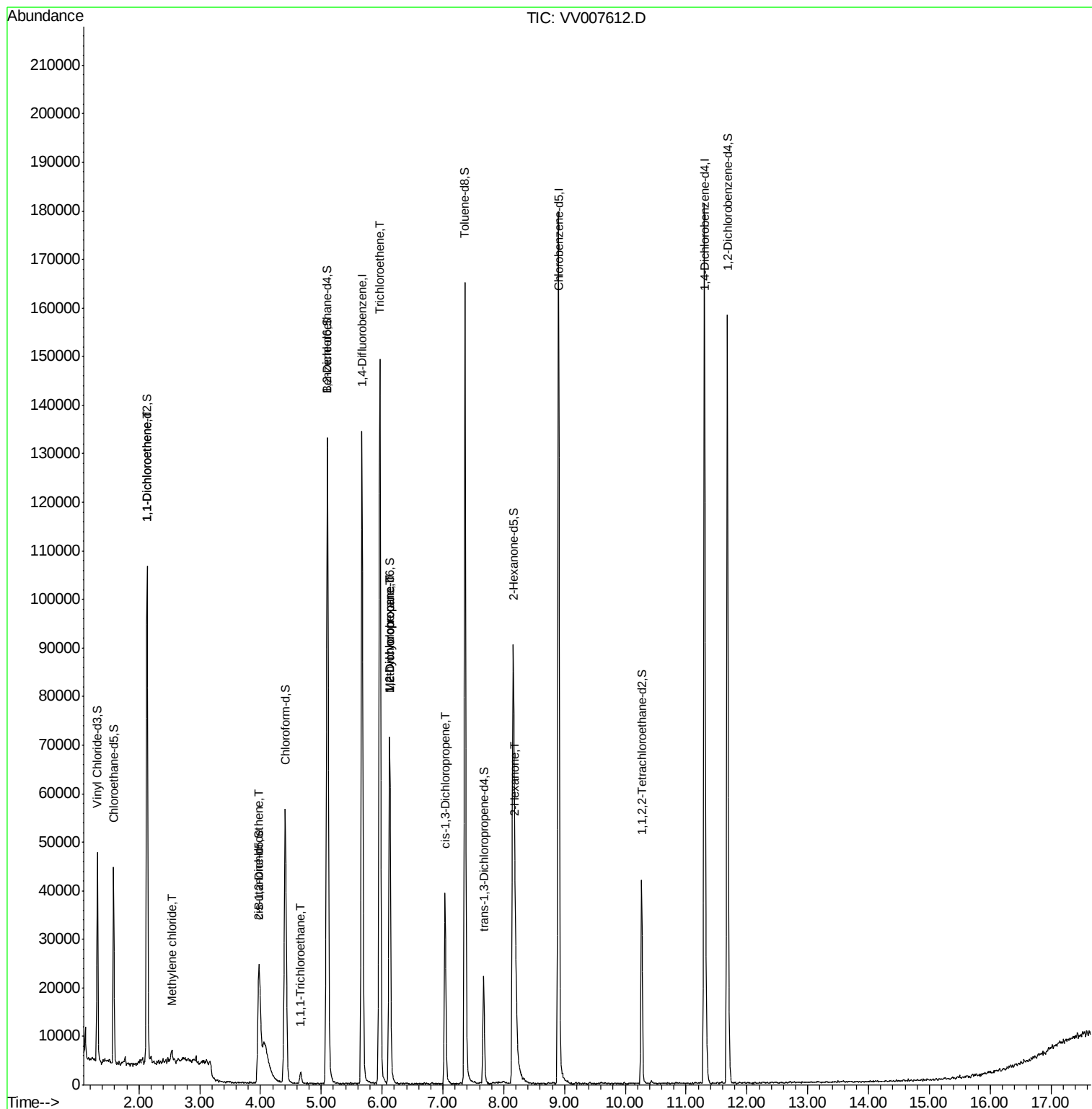
(#) = qualifier out of range (m) = manual integration (+) = signals summed

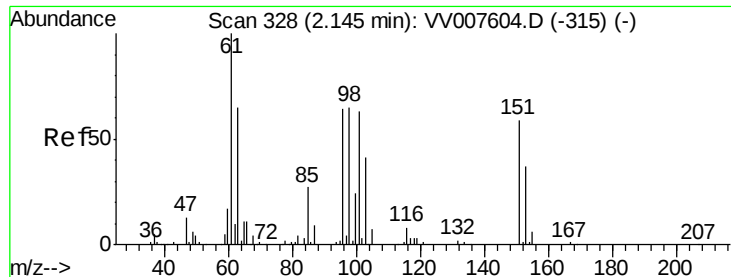
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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 19 01:47:19 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.455 ug/L

RT: 2.14 min Scan# 328

Delta R.T. -0.00 min

Lab File: VV007612.D

Acq: 18 Sep 2018 20:06

Instrument :

MSVOA_V

ClientSampleId :

C0KQ8DL

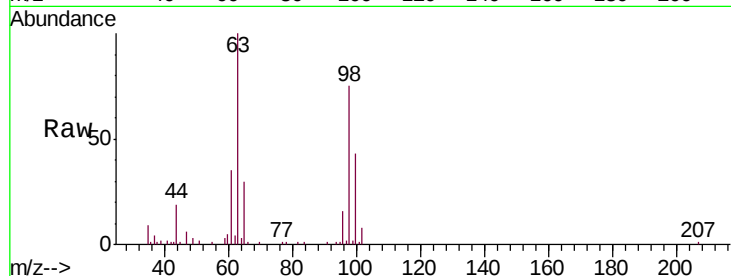
Tgt Ion: 96 Resp: 3875

Ion Ratio Lower Upper

96 100

61 209.6 108.1 200.9#

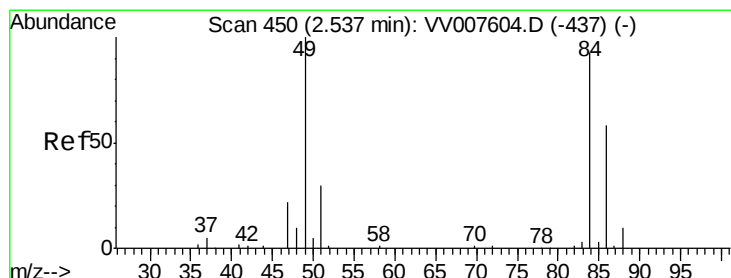
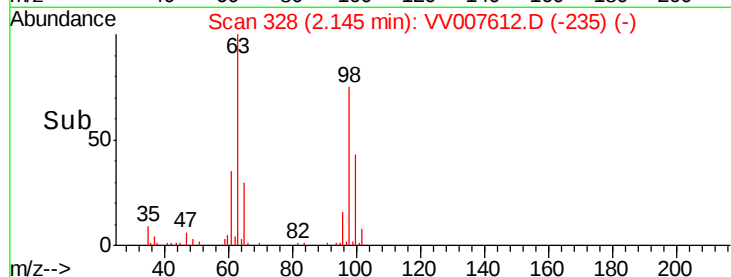
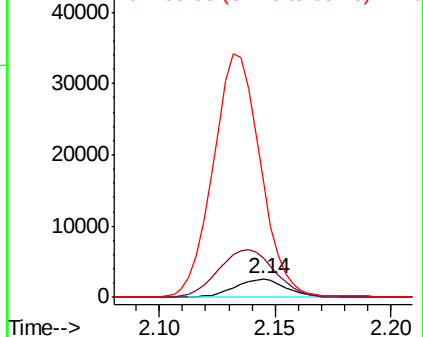
63 607.0 76.9 142.9#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0



#16

Methylene chloride

Concen: 0.145 ug/L

RT: 2.54 min Scan# 450

Delta R.T. -0.00 min

Lab File: VV007612.D

Acq: 18 Sep 2018 20:06

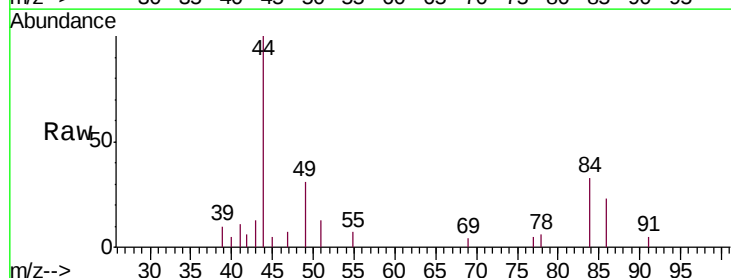
Tgt Ion: 84 Resp: 1302

Ion Ratio Lower Upper

84 100

86 68.2 44.4 82.4

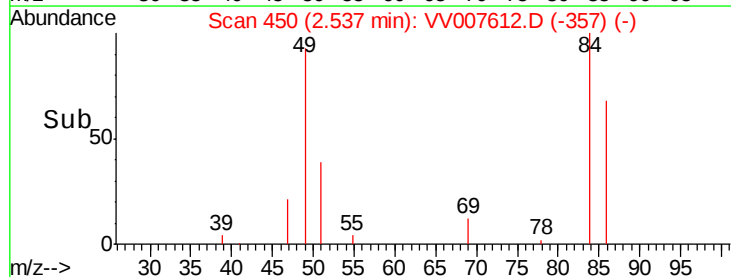
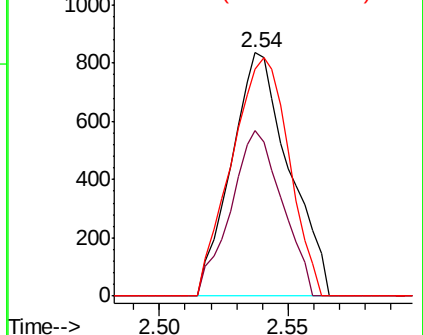
49 93.2 72.3 134.3

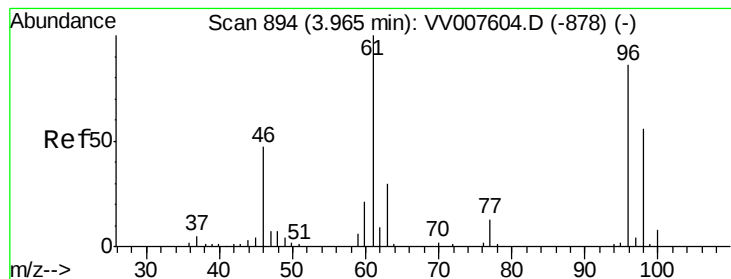


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0





#22

cis-1,2-Dichloroethene

Concen: 0.240 ug/L

RT: 3.97 min Scan# 896

Delta R.T. 0.01 min

Lab File: VV007612.D

Acq: 18 Sep 2018 20:06

Instrument :

MSVOA_V

ClientSampleId :

C0KQ8DL

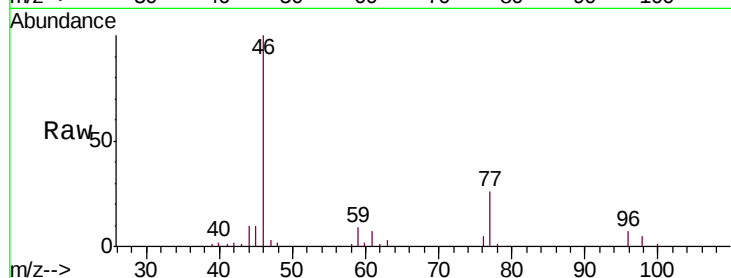
Tgt Ion: 96 Resp: 1993

Ion Ratio Lower Upper

96 100

61 96.8 78.4 145.6

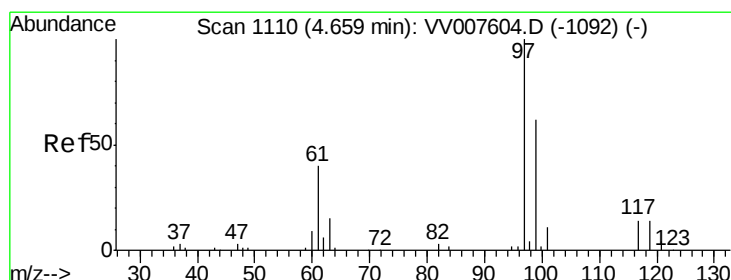
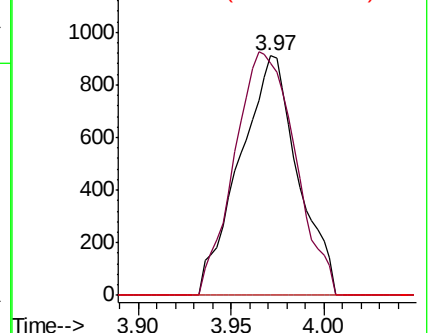
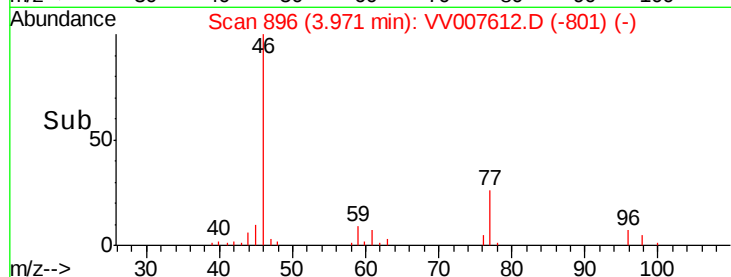
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV007612.D (-801) (-)

Ion 61.05 (60.75 to 61.75): VV007612.D (-801) (-)

Ion 68.15 (67.85 to 68.85): VV007612.D (-801) (-)



#29

1,1,1-Trichloroethane

Concen: 0.173 ug/L

RT: 4.66 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VV007612.D

Acq: 18 Sep 2018 20:06

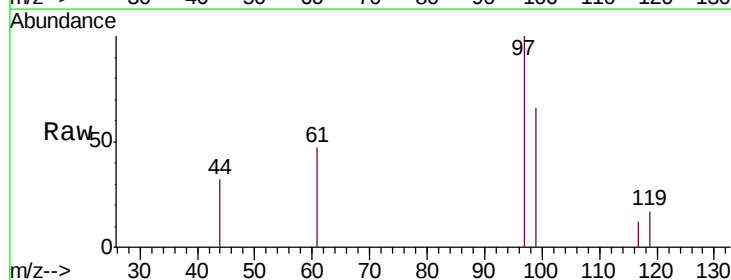
Tgt Ion: 97 Resp: 2168

Ion Ratio Lower Upper

97 100

99 66.8 51.4 77.0

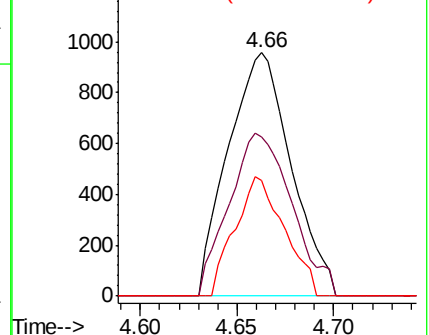
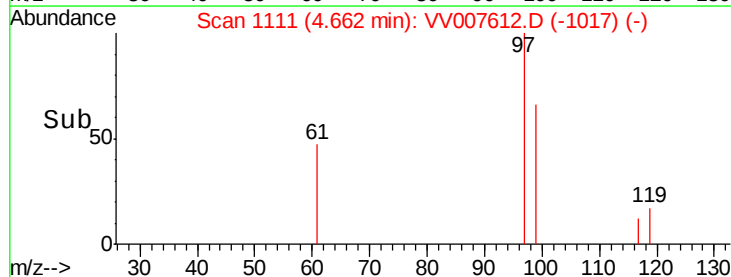
61 38.6 32.9 49.3

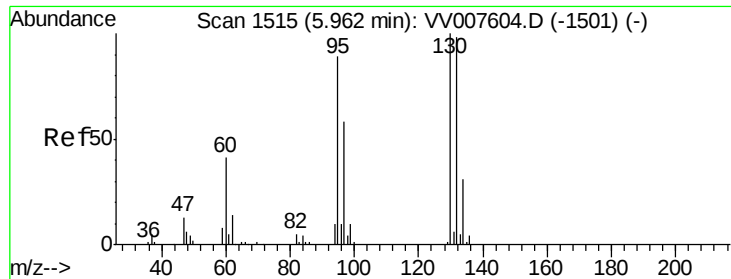


Abundance Ion 96.95 (96.65 to 97.65): VV007612.D (-1017) (-)

Ion 99.05 (98.75 to 99.75): VV007612.D (-1017) (-)

Ion 61.05 (60.75 to 61.75): VV007612.D (-1017) (-)

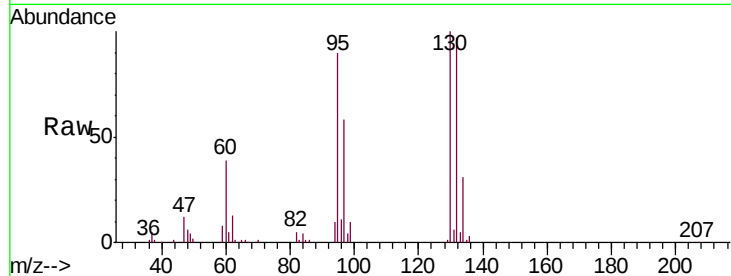




#34
 Trichloroethene
 Concen: 5.260 ug/L
 RT: 5.96 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: VV007612.D
 Acq: 18 Sep 2018 20:06

Instrument :
 MSVOA_V
 ClientSampleId :
 C0KQ8DL

Tgt Ion:	95	Resp:	48177
Ion	Ratio	Lower	Upper
95	100		
97	64.6	46.5	86.5
132	108.0	75.5	140.3
130	110.8	78.8	146.4

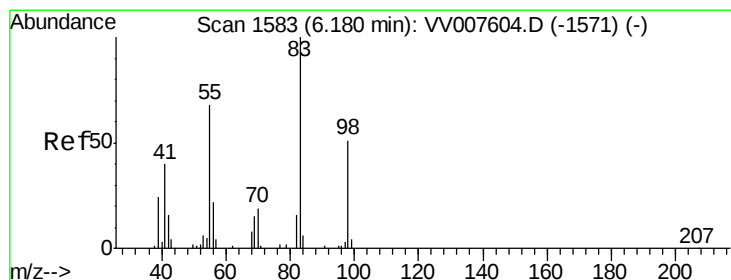
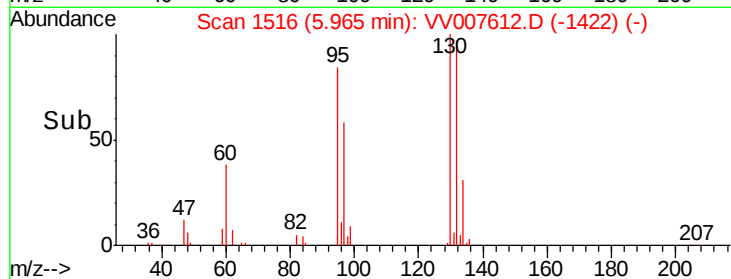
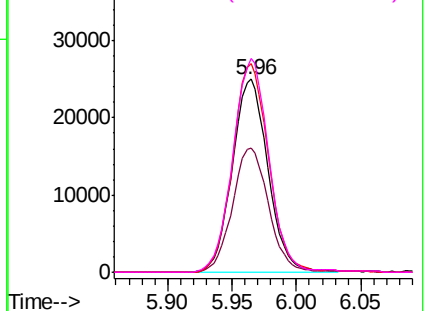


Abundance Ion 95.00 (94.70 to 95.70): VV007612.D (-1422) (-)

Ion 96.95 (96.65 to 97.65): VV007612.D (-1422) (-)

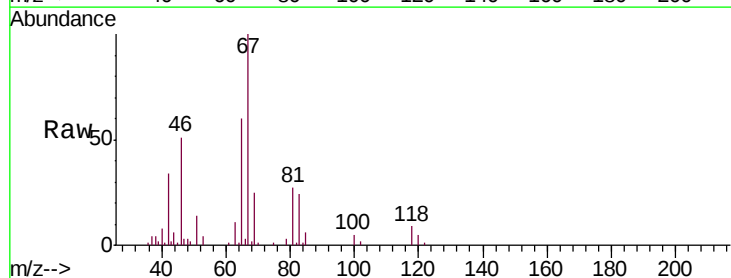
Ion 131.95 (131.65 to 132.65): VV007612.D (-1422) (-)

Ion 129.95 (129.65 to 130.65): VV007612.D (-1422) (-)



#35
 Methylcyclohexane
 Concen: 0.622 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.06 min
 Lab File: VV007612.D
 Acq: 18 Sep 2018 20:06

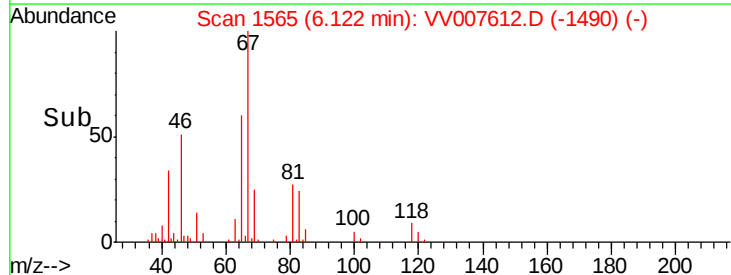
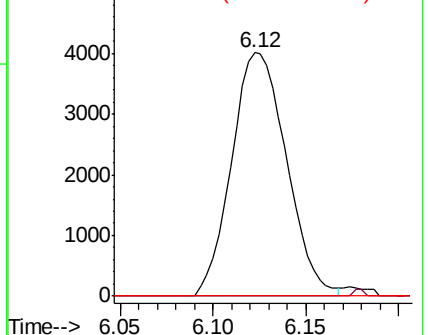
Tgt Ion:	83	Resp:	8274
Ion	Ratio	Lower	Upper
83	100		
55	0.6	54.6	82.0#
98	1.3	39.8	59.6#

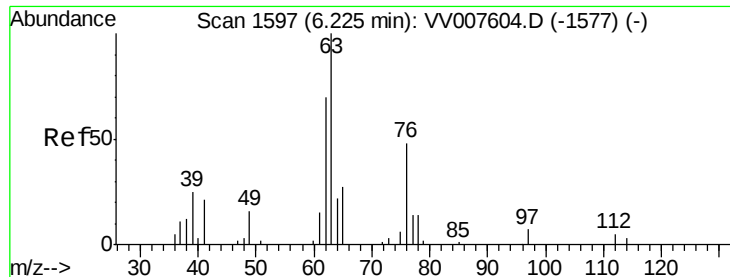


Abundance Ion 83.15 (82.85 to 83.85): VV007612.D (-1490) (-)

Ion 55.10 (54.80 to 55.80): VV007612.D (-1490) (-)

Ion 98.15 (97.85 to 98.85): VV007612.D (-1490) (-)

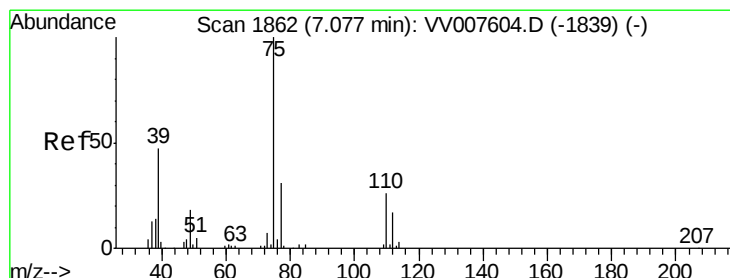
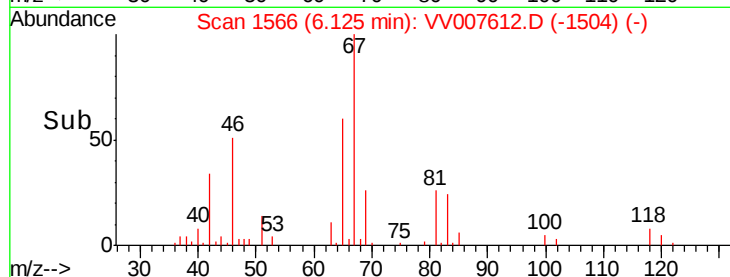
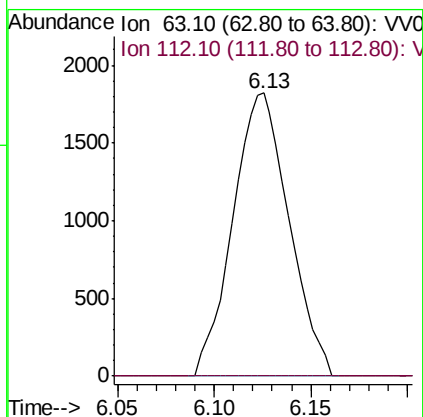
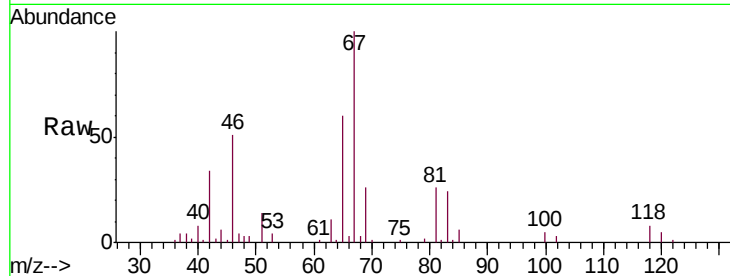




#37
 1,2-Dichloropropane
 Concen: 0.585 ug/L
 RT: 6.13 min Scan# 1566
 Delta R.T. -0.10 min
 Lab File: VV007612.D
 Acq: 18 Sep 2018 20:06

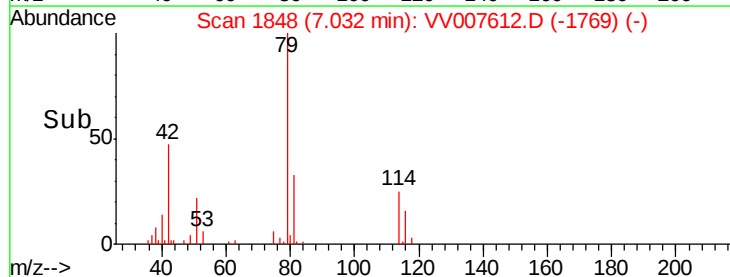
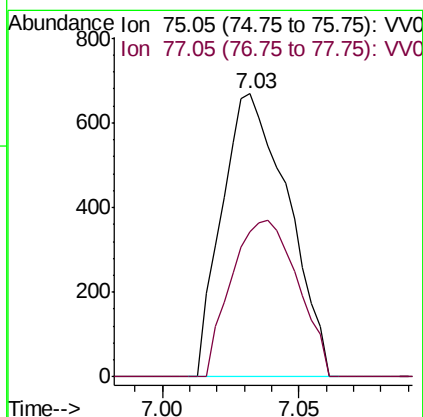
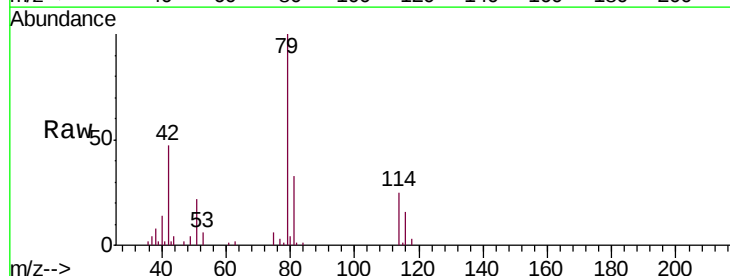
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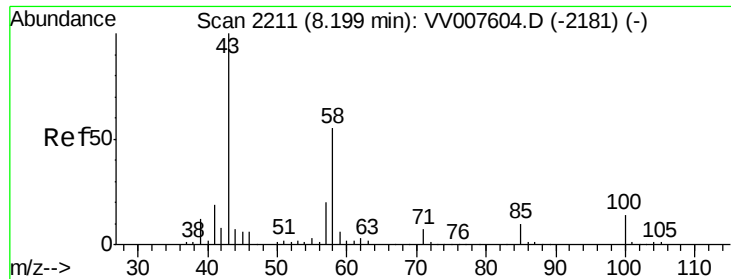
Tgt Ion: 63 Resp: 3665
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.109 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.05 min
 Lab File: VV007612.D
 Acq: 18 Sep 2018 20:06

Tgt Ion: 75 Resp: 1127
 Ion Ratio Lower Upper
 75 100
 77 51.2 23.0 42.8#





#48

2-Hexanone

Concen: 3.442 ug/L

RT: 8.19 min Scan# 2209

Delta R.T. -0.01 min

Lab File: VV007612.D

Acq: 18 Sep 2018 20:06

Instrument :
MSVOA_V
ClientSampleId :
C0KQ8DL

Tgt Ion: 43 Resp: 9736

Ion Ratio Lower Upper

43 100

58 0.0 45.5 68.3#

57 17.9 16.3 24.5

100 4.9 10.7 16.1#

