

Data File : VV007618.D
Acq On : 18 Sep 2018 22:49
Operator : SY/MD
Sample : J4918-11DL 10X
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0KY1DL

Quant Time: Sep 19 01:49:18 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	117314	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	107025	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	56553	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25695	4.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.80%
7) Chloroethane-d5	1.58	69	23848	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.13	63	46757	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	3.97	46	45548	59.07	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.14%
24) Chloroform-d	4.41	84	53458	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.09	65	28394	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.10	84	108805	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.13	67	32314	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.36	98	111044	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
43) trans-1,3-Dichloropropene-	7.67	79	12464	4.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.20%
46) 2-Hexanone-d5	8.15	63	24732	48.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.58%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	19320	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	45967	4.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.80%

Target Compounds

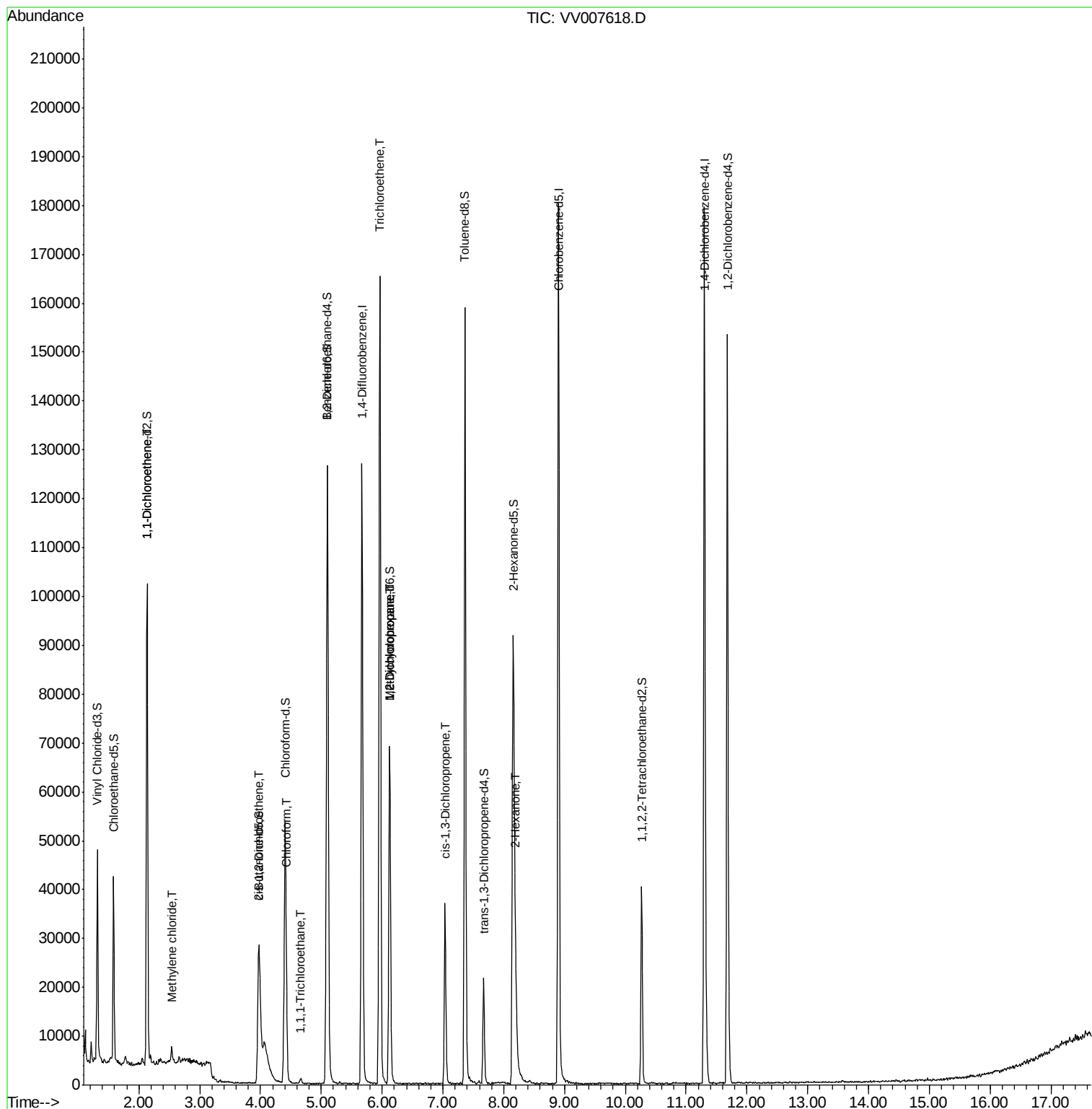
					Qvalue	
12) 1,1-Dichloroethene	2.14	96	4654	0.569	ug/L #	1
16) Methylene chloride	2.54	84	1295	0.150	ug/L	86
22) cis-1,2-Dichloroethene	3.96	96	4983	0.625	ug/L	98
25) Chloroform	4.43	83	1344	0.100	ug/L	83
29) 1,1,1-Trichloroethane	4.66	97	1202	0.096	ug/L #	83
34) Trichloroethene	5.96	95	53702	5.890	ug/L	99
35) Methylcyclohexane	6.12	83	8026	0.606	ug/L #	21
37) 1,2-Dichloropropane	6.13	63	3998	0.641	ug/L #	86
39) cis-1,3-Dichloropropene	7.04	75	1119	0.109	ug/L #	70
48) 2-Hexanone	8.20	43	10451	3.712	ug/L #	76

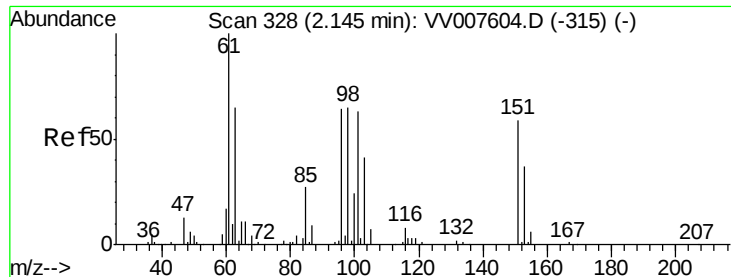
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.569 ug/L

RT: 2.14 min Scan# 328

Delta R.T. -0.00 min

Lab File: VV007618.D

Acq: 18 Sep 2018 22:49

Instrument :

MSVOA_V

ClientSampleId :

C0KY1DL

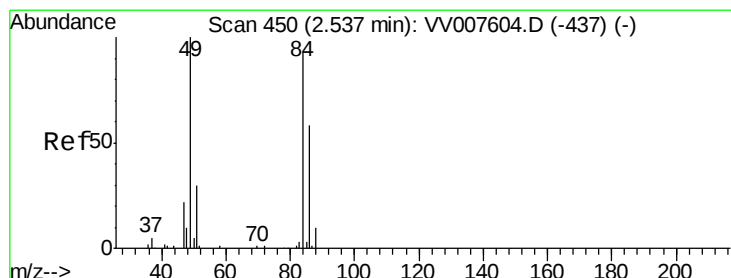
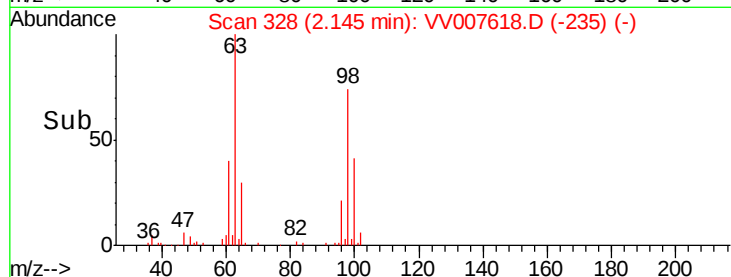
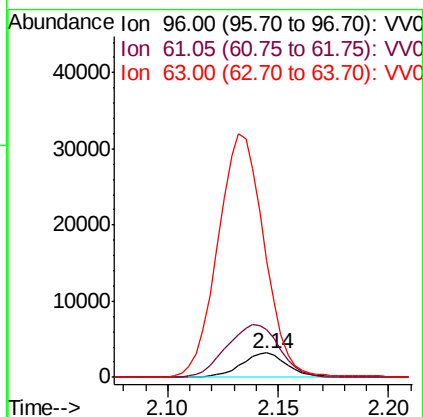
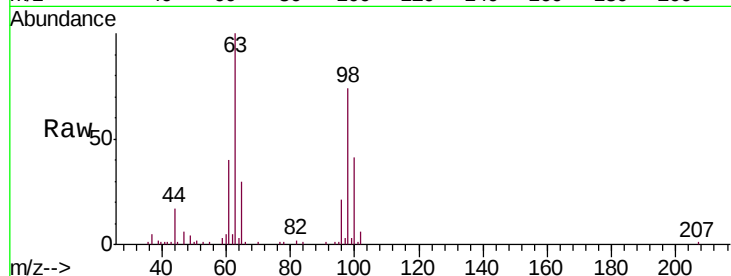
Tgt Ion: 96 Resp: 4654

Ion Ratio Lower Upper

96 100

61 193.2 108.1 200.9

63 478.4 76.9 142.9#



#16

Methylene chloride

Concen: 0.150 ug/L

RT: 2.54 min Scan# 451

Delta R.T. 0.00 min

Lab File: VV007618.D

Acq: 18 Sep 2018 22:49

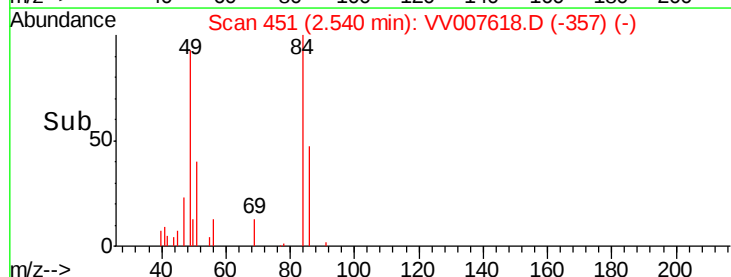
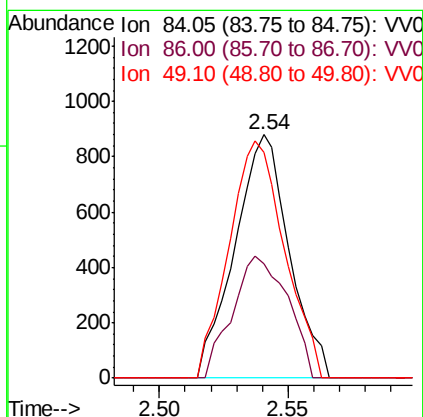
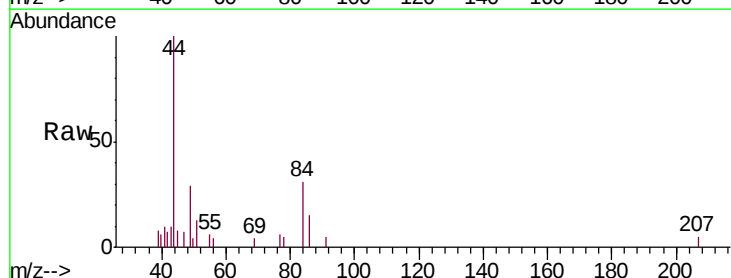
Tgt Ion: 84 Resp: 1295

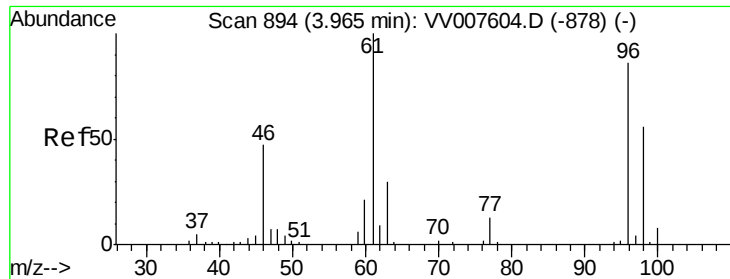
Ion Ratio Lower Upper

84 100

86 46.9 44.4 82.4

49 92.7 72.3 134.3

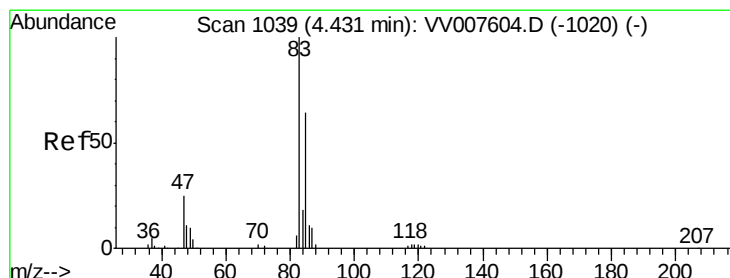
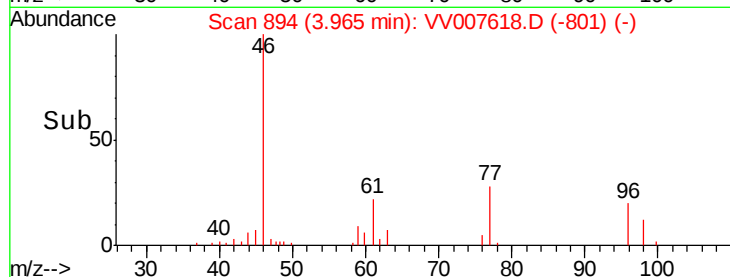
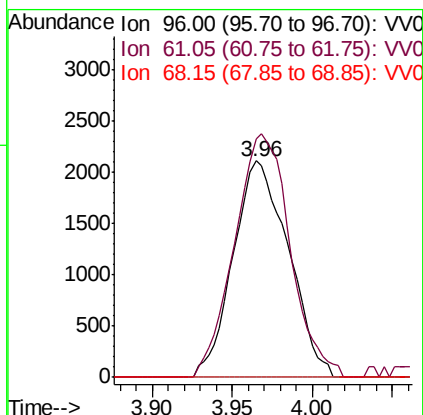
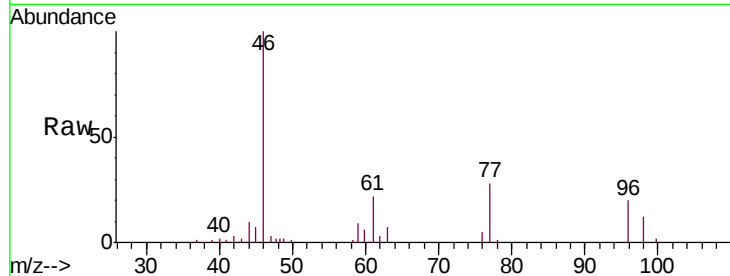




#22
 cis-1,2-Dichloroethene
 Concen: 0.625 ug/L
 RT: 3.96 min Scan# 894
 Delta R.T. -0.00 min
 Lab File: VV007618.D
 Acq: 18 Sep 2018 22:49

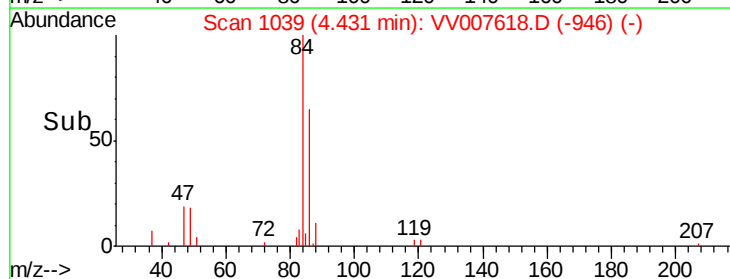
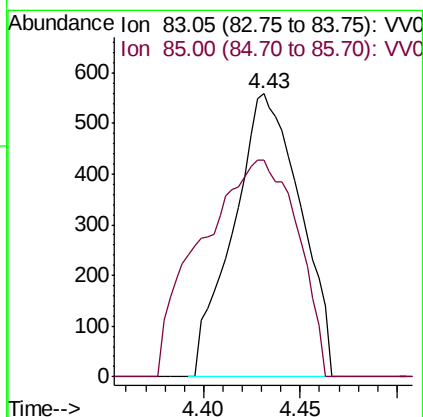
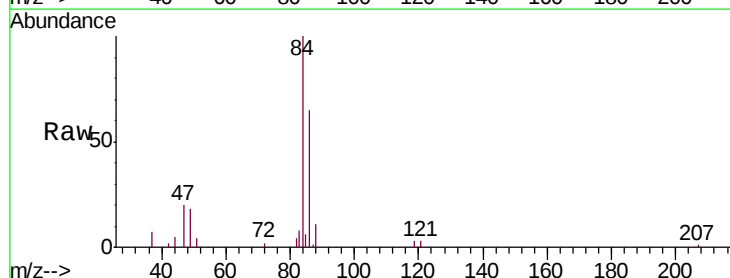
Instrument :
 MSVOA_V
 ClientSampleId :
 C0KY1DL

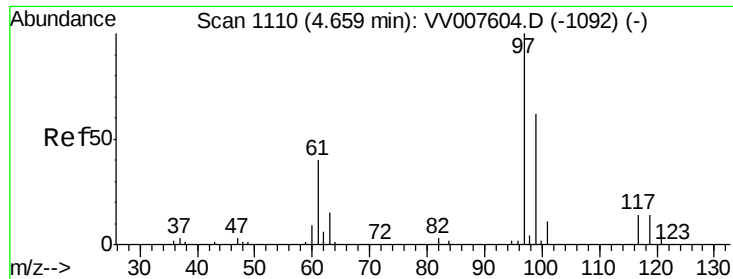
Tgt Ion: 96 Resp: 4983
 Ion Ratio Lower Upper
 96 100
 61 110.1 78.4 145.6
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.100 ug/L
 RT: 4.43 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: VV007618.D
 Acq: 18 Sep 2018 22:49

Tgt Ion: 83 Resp: 1344
 Ion Ratio Lower Upper
 83 100
 85 76.5 44.5 82.7

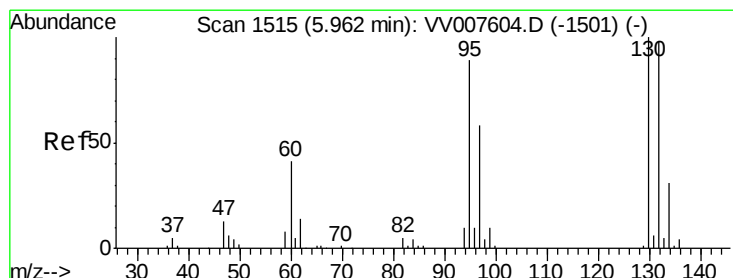
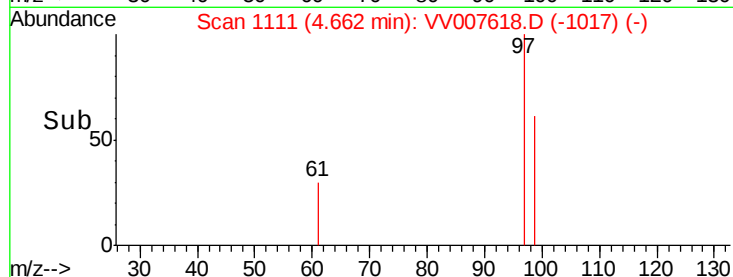
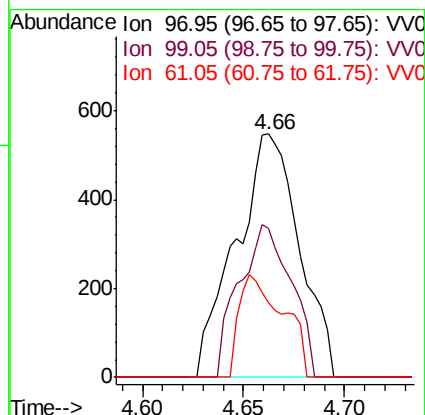
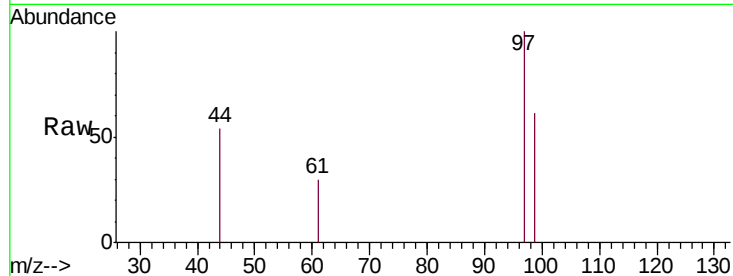




#29
 1,1,1-Trichloroethane
 Concen: 0.096 ug/L
 RT: 4.66 min Scan# 1111
 Delta R.T. 0.00 min
 Lab File: VV007618.D
 Acq: 18 Sep 2018 22:49

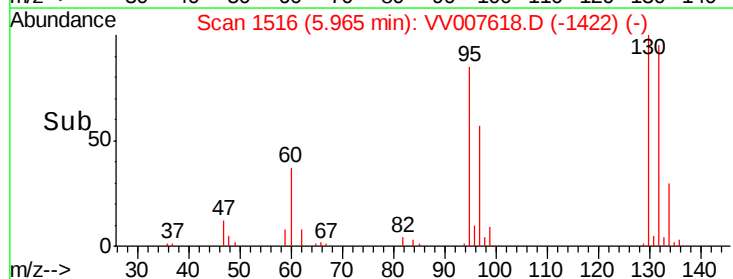
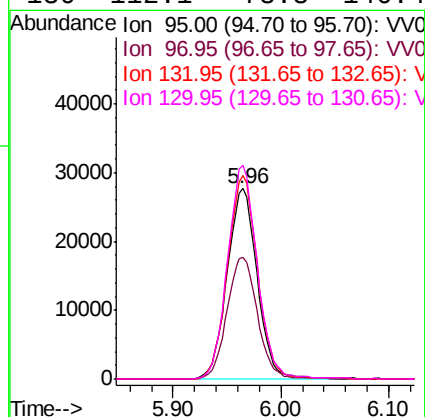
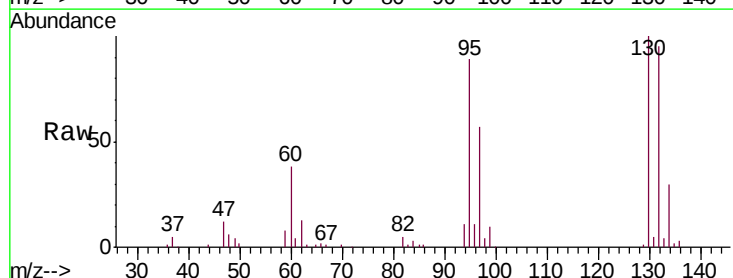
Instrument :
 MSVOA_V
 ClientSampleId :
 C0KY1DL

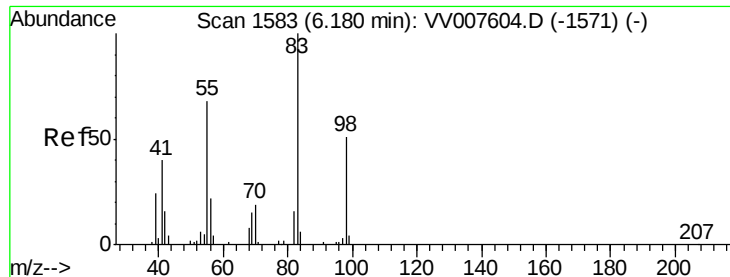
Tgt Ion: 97 Resp: 1202
 Ion Ratio Lower Upper
 97 100
 99 52.0 51.4 77.0
 61 29.5 32.9 49.3#



#34
 Trichloroethene
 Concen: 5.890 ug/L
 RT: 5.96 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: VV007618.D
 Acq: 18 Sep 2018 22:49

Tgt Ion: 95 Resp: 53702
 Ion Ratio Lower Upper
 95 100
 97 64.0 46.5 86.5
 132 106.5 75.5 140.3
 130 112.1 78.8 146.4





#35

Methylcyclohexane

Concen: 0.606 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.06 min

Lab File: VV007618.D

Acq: 18 Sep 2018 22:49

Instrument :

MSVOA_V

ClientSampleId :

C0KY1DL

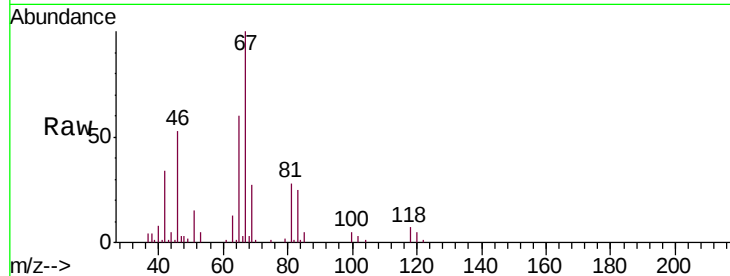
Tgt Ion: 83 Resp: 8026

Ion Ratio Lower Upper

83 100

55 0.0 54.6 82.0#

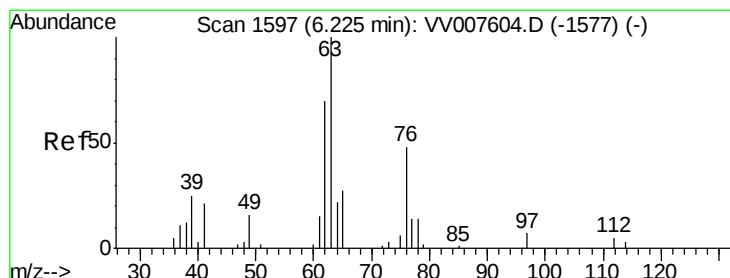
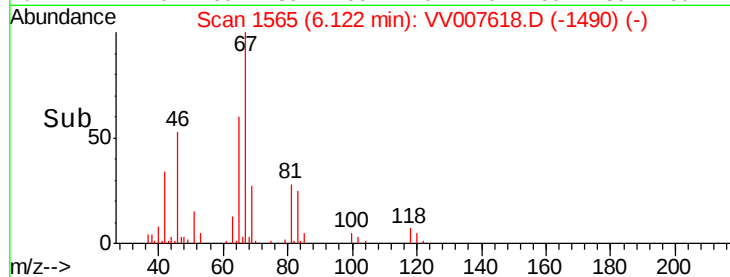
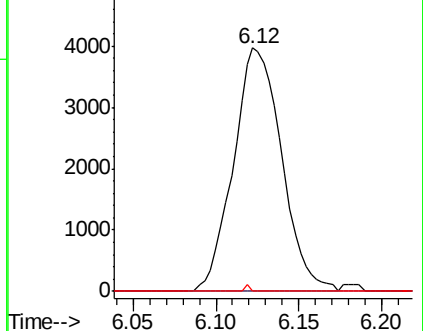
98 0.0 39.8 59.6#



Abundance Ion 83.15 (82.85 to 83.85): VV007618.D (-1565) (-)

Ion 55.10 (54.80 to 55.80): VV007618.D (-1565) (-)

Ion 98.15 (97.85 to 98.85): VV007618.D (-1565) (-)



#37

1,2-Dichloropropane

Concen: 0.641 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.10 min

Lab File: VV007618.D

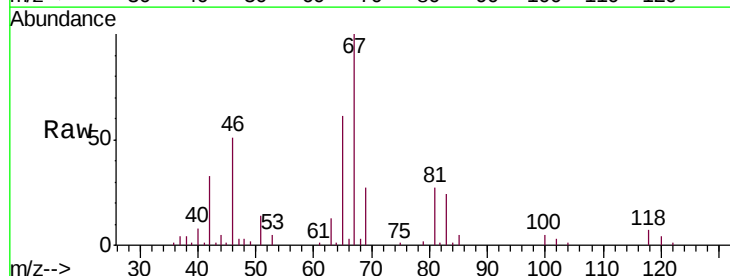
Acq: 18 Sep 2018 22:49

Tgt Ion: 63 Resp: 3998

Ion Ratio Lower Upper

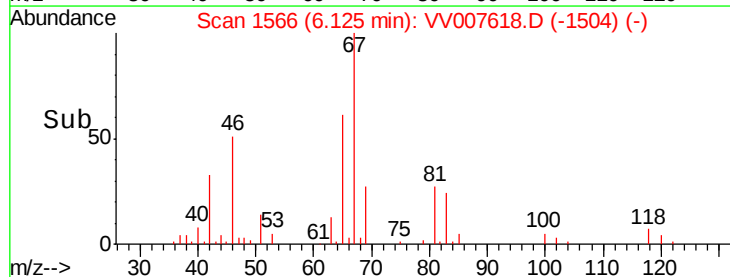
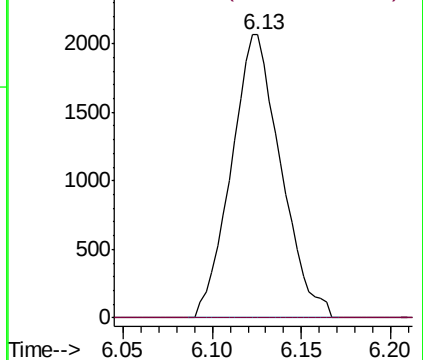
63 100

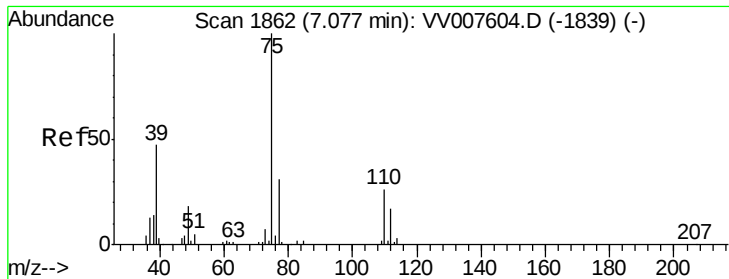
112 0.0 3.8 5.6#



Abundance Ion 63.10 (62.80 to 63.80): VV007618.D (-1566) (-)

Ion 112.10 (111.80 to 112.80): VV007618.D (-1566) (-)





#39

cis-1,3-Dichloropropene

Concen: 0.109 ug/L

RT: 7.04 min Scan# 1850

Delta R.T. -0.04 min

Lab File: VV007618.D

Acq: 18 Sep 2018 22:49

Instrument :

MSVOA_V

ClientSampleId :

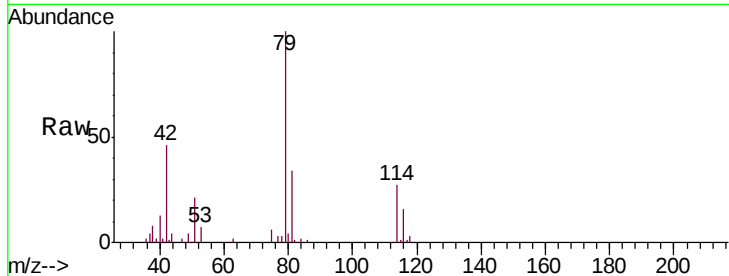
C0KY1DL

Tgt Ion: 75 Resp: 1119

Ion Ratio Lower Upper

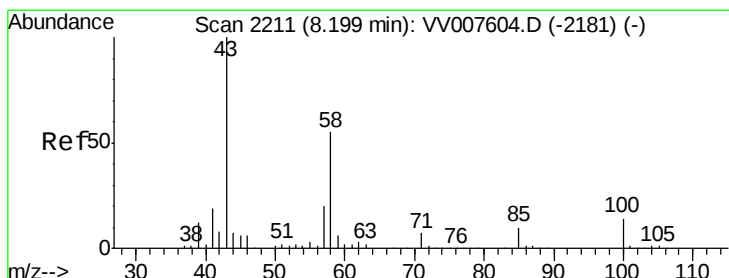
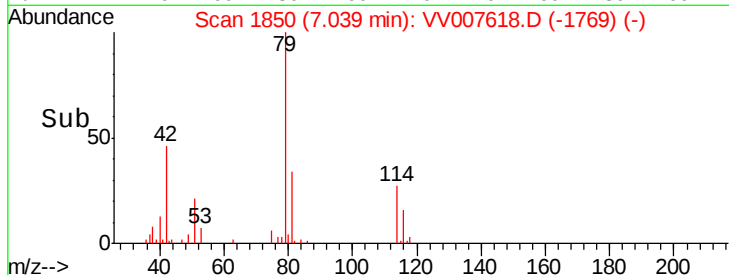
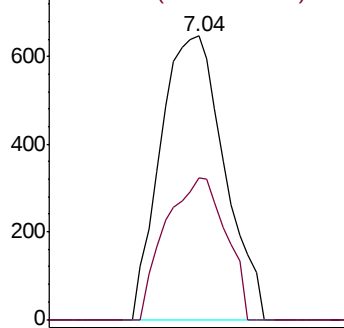
75 100

77 49.9 23.0 42.8#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#48

2-Hexanone

Concen: 3.712 ug/L

RT: 8.20 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VV007618.D

Acq: 18 Sep 2018 22:49

Tgt Ion: 43 Resp: 10451

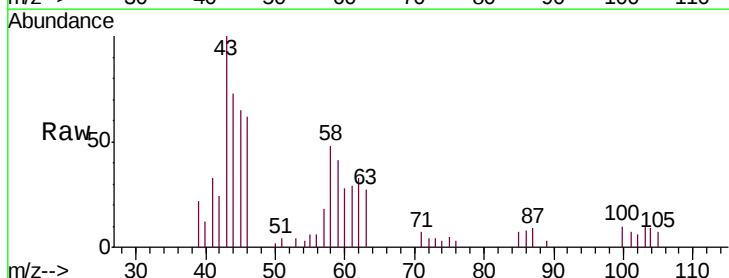
Ion Ratio Lower Upper

43 100

58 35.0 45.5 68.3#

57 13.7 16.3 24.5#

100 6.6 10.7 16.1#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

