

Data File : VV007616.D
Acq On : 18 Sep 2018 21:55
Operator : SY/MD
Sample : J4918-14DL 5X
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0KY4DL

Quant Time: Sep 19 01:49:02 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	110282	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	101292	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	53063	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	27574	5.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.80%
7) Chloroethane-d5	1.58	69	25399	5.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.80%
11) 1,1-Dichloroethene-d2	2.13	63	51270	4.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.60%
20) 2-Butanone-d5	3.97	46	46438	64.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.12%
24) Chloroform-d	4.41	84	58028	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
26) 1,2-Dichloroethane-d4	5.09	65	30309	5.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.40%
32) Benzene-d6	5.10	84	116025	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.40%
36) 1,2-Dichloropropane-d6	6.13	67	33692	5.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.40%
41) Toluene-d8	7.36	98	118647	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
43) trans-1,3-Dichloropropene-	7.67	79	13074	4.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.60%
46) 2-Hexanone-d5	8.15	63	27157	56.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.06%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	20250	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	50072	5.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.80%

Target Compounds

					Qvalue
8) Chloroethane	1.32	64	439	0.094 ug/L #	1
12) 1,1-Dichloroethene	2.15	96	4444	0.578 ug/L #	1
16) Methylene chloride	2.54	84	1100	0.135 ug/L	94
22) cis-1,2-Dichloroethene	3.97	96	2656	0.354 ug/L	96
29) 1,1,1-Trichloroethane	4.66	97	932	0.079 ug/L #	71
34) Trichloroethene	5.96	95	58461	6.775 ug/L	98
35) Methylcyclohexane	6.13	83	8768	0.700 ug/L #	21
37) 1,2-Dichloropropane	6.12	63	4033	0.683 ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	1141	0.117 ug/L #	81
44) trans-1,3-Dichloropropene	7.67	75	667	0.085 ug/L	90
48) 2-Hexanone	8.19	43	9952	3.735 ug/L #	78

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

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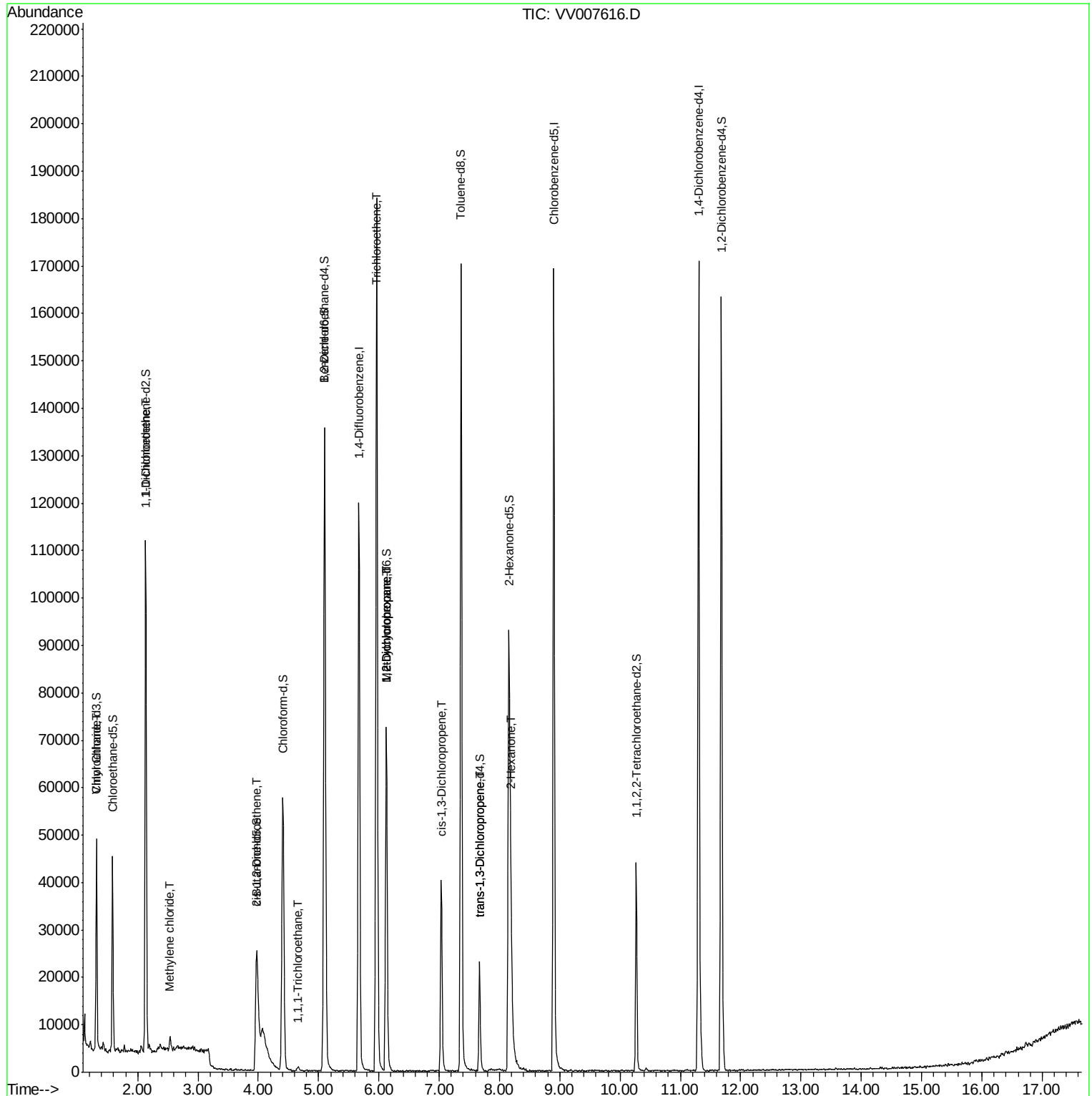
Quant Time: Sep 19 01:49:02 2018

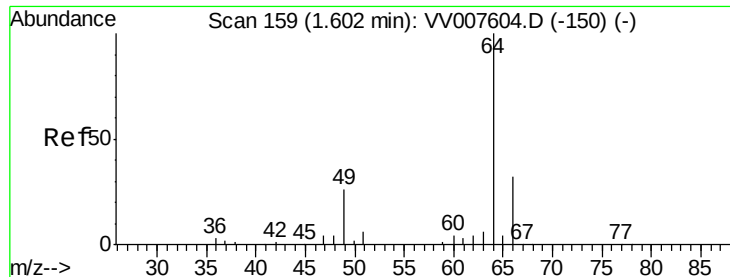
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_V\METHOD\SOMVTR091818WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Wed Sep 19 01:47:19 2018

Response via : Initial Calibration





#8

Chloroethane

Concen: 0.094 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.28 min

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Instrument :

MSVOA_V

ClientSampleId :

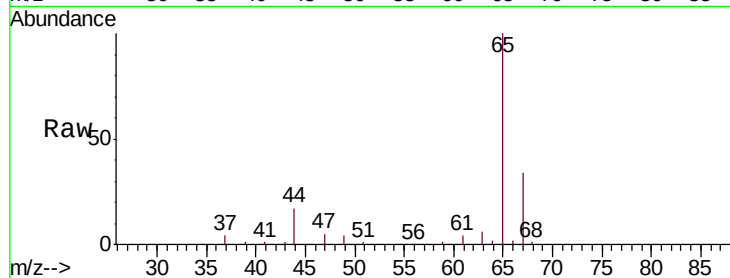
C0KY4DL

Tgt Ion: 64 Resp: 439

Ion Ratio Lower Upper

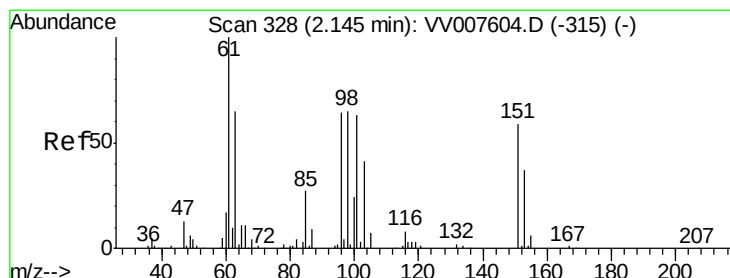
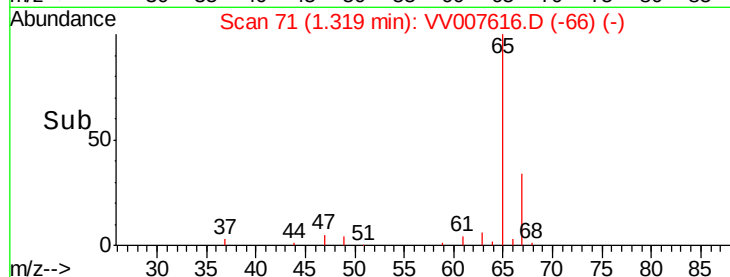
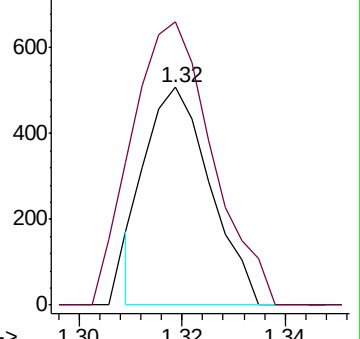
64 100

66 130.2 22.9 42.5#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0



#12

1,1-Dichloroethene

Concen: 0.578 ug/L

RT: 2.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VV007616.D

Acq: 18 Sep 2018 21:55

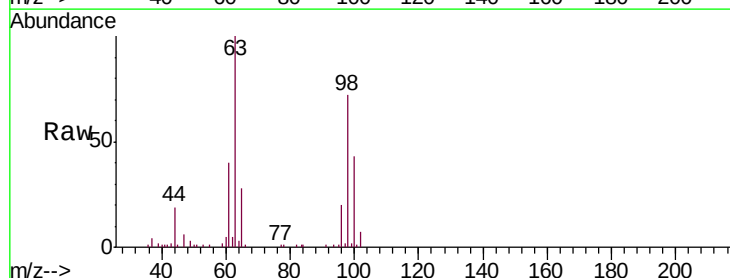
Tgt Ion: 96 Resp: 4444

Ion Ratio Lower Upper

96 100

61 202.5 108.1 200.9#

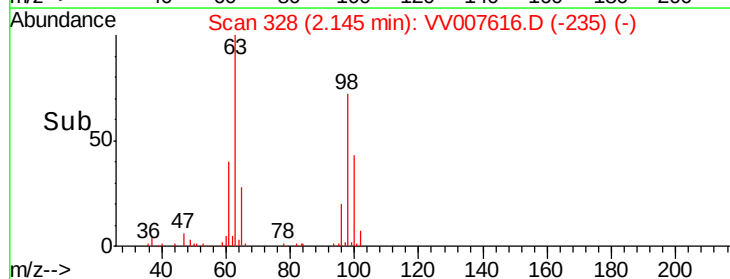
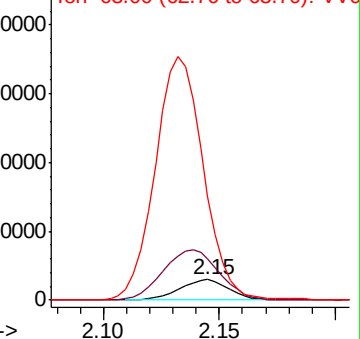
63 507.7 76.9 142.9#

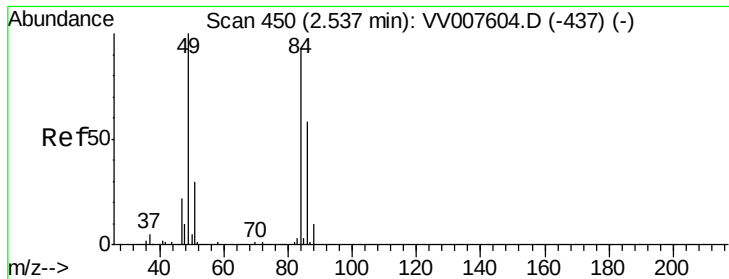


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

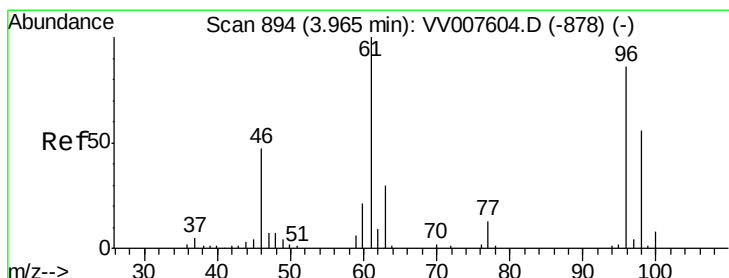
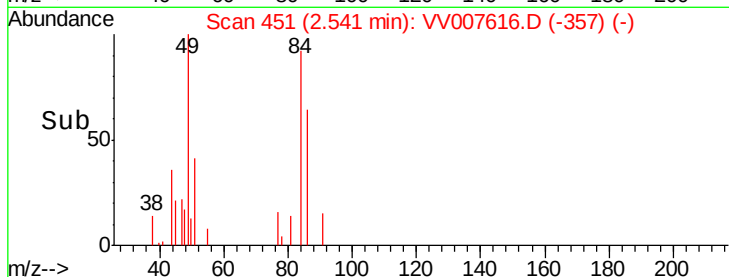
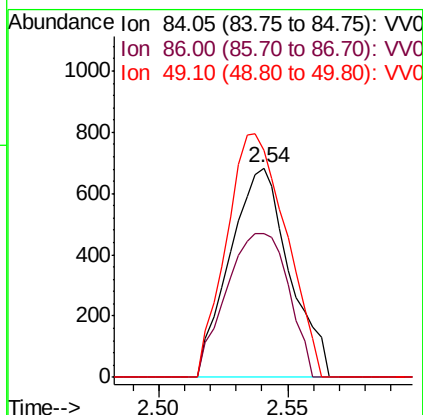
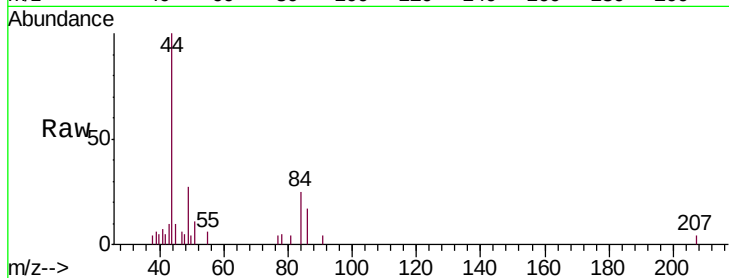




#16
Methylene chloride
Concen: 0.135 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.00 min
Lab File: VV007616.D
Acq: 18 Sep 2018 21:55

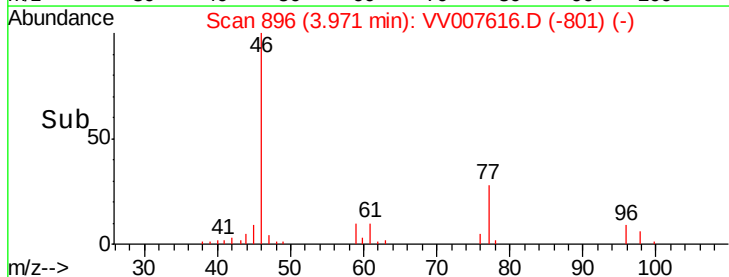
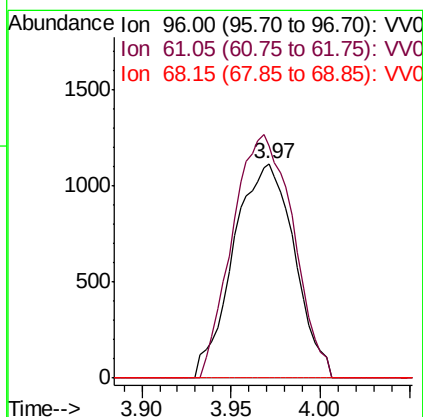
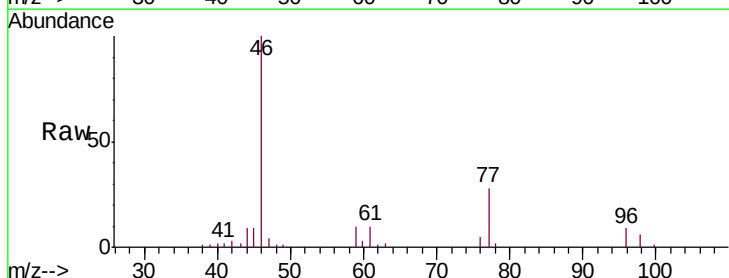
Instrument :
MSVOA_V
ClientSampled :
C0KY4DL

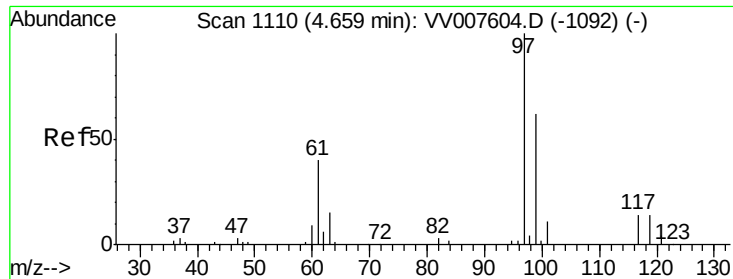
Tgt Ion: 84 Resp: 1100
Ion Ratio Lower Upper
84 100
86 69.0 44.4 82.4
49 108.5 72.3 134.3



#22
cis-1,2-Dichloroethene
Concen: 0.354 ug/L
RT: 3.97 min Scan# 896
Delta R.T. 0.01 min
Lab File: VV007616.D
Acq: 18 Sep 2018 21:55

Tgt Ion: 96 Resp: 2656
Ion Ratio Lower Upper
96 100
61 108.2 78.4 145.6
68 0.0 0.0 0.0

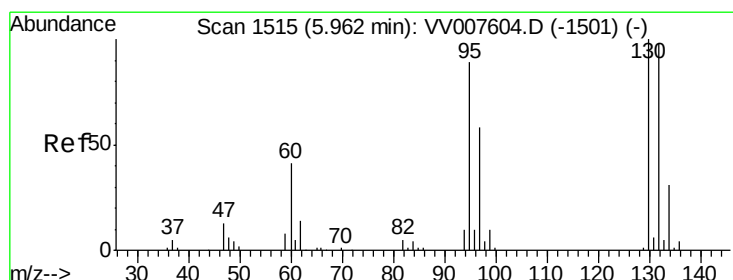
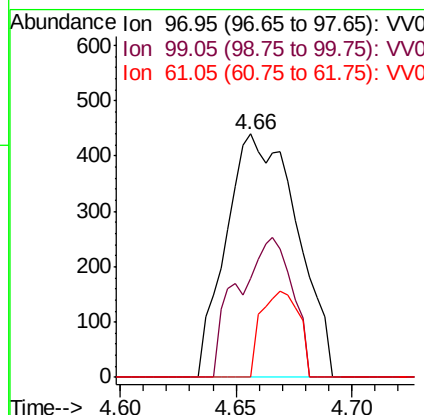
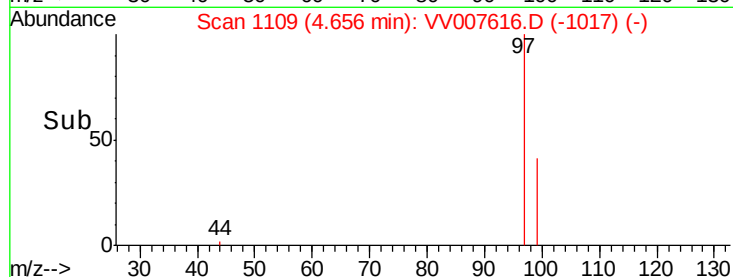
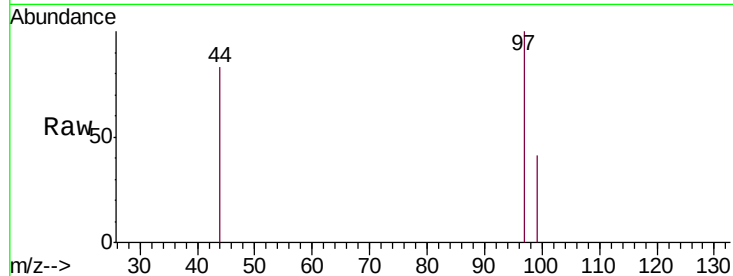




#29
 1,1,1-Trichloroethane
 Concen: 0.079 ug/L
 RT: 4.66 min Scan# 1109
 Delta R.T. -0.00 min
 Lab File: VV007616.D
 Acq: 18 Sep 2018 21:55

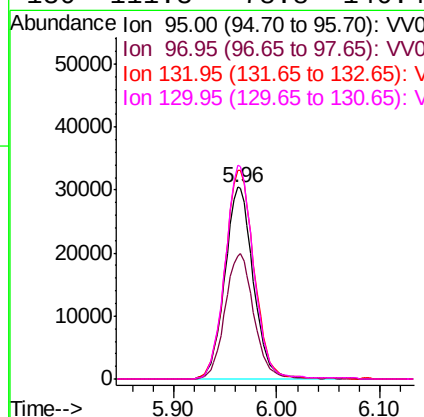
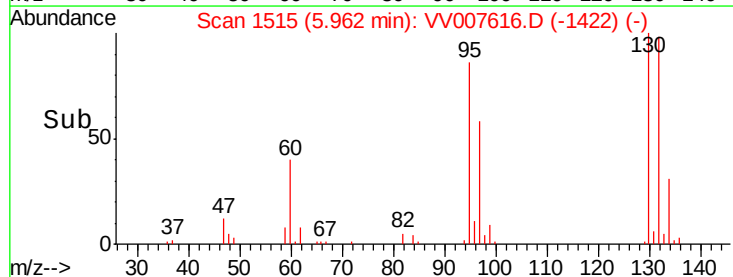
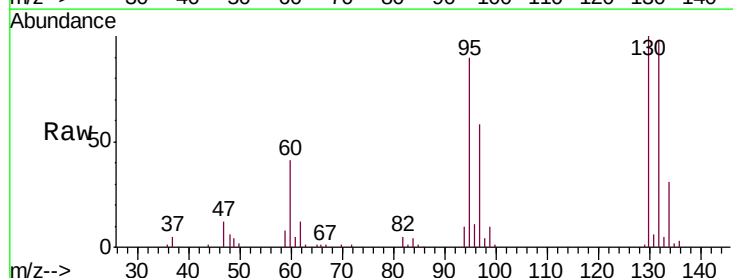
Instrument :
 MSVOA_V
 ClientSampleId :
 C0KY4DL

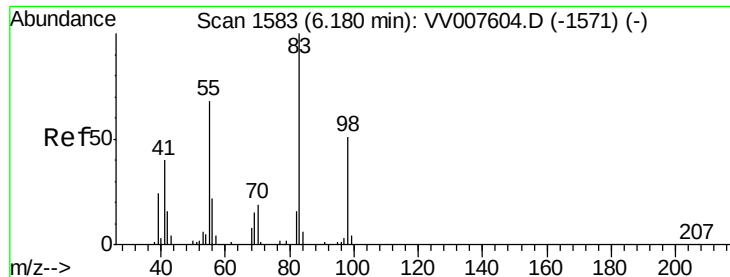
Tgt Ion: 97 Resp: 932
 Ion Ratio Lower Upper
 97 100
 99 44.8 51.4 77.0#
 61 18.9 32.9 49.3#



#34
 Trichloroethene
 Concen: 6.775 ug/L
 RT: 5.96 min Scan# 1515
 Delta R.T. 0.00 min
 Lab File: VV007616.D
 Acq: 18 Sep 2018 21:55

Tgt Ion: 95 Resp: 58461
 Ion Ratio Lower Upper
 95 100
 97 64.0 46.5 86.5
 132 108.9 75.5 140.3
 130 111.3 78.8 146.4

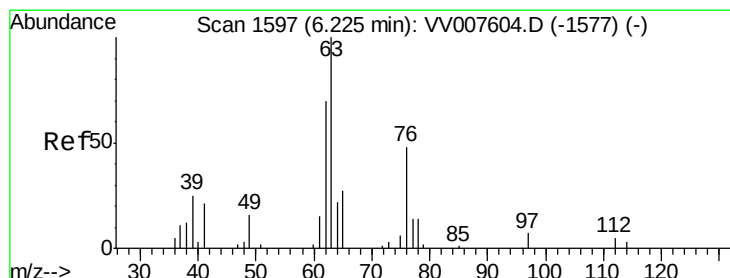
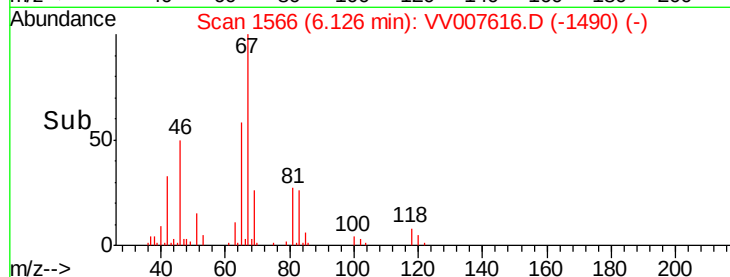
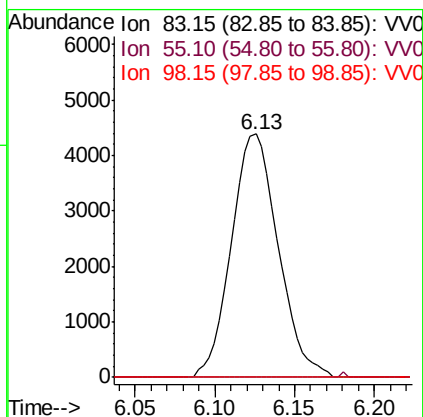
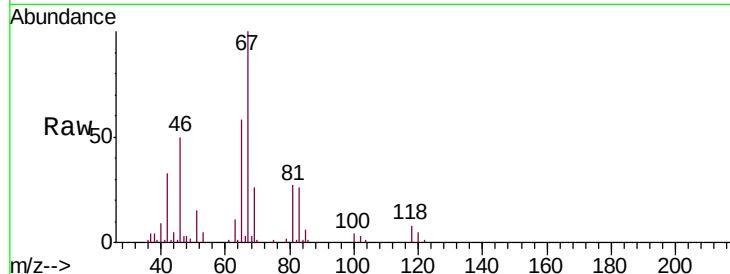




#35
Methylcyclohexane
Concen: 0.700 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV007616.D
Acq: 18 Sep 2018 21:55

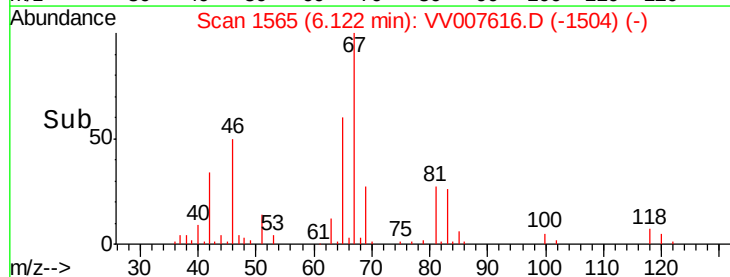
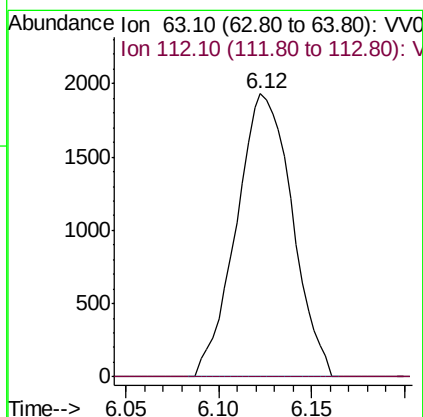
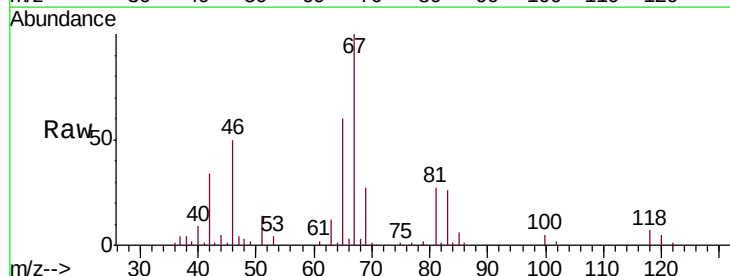
Instrument :
MSVOA_V
ClientSampleId :
C0KY4DL

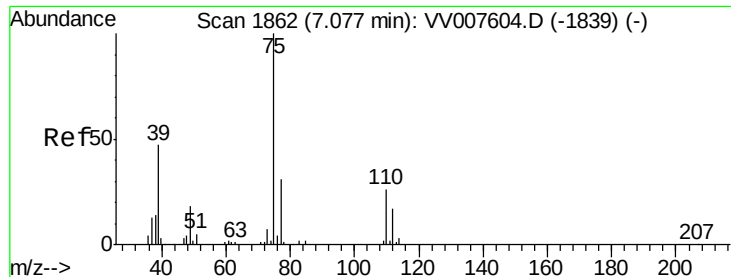
Tgt Ion: 83 Resp: 8768
Ion Ratio Lower Upper
83 100
55 0.2 54.6 82.0#
98 0.0 39.8 59.6#



#37
1,2-Dichloropropane
Concen: 0.683 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV007616.D
Acq: 18 Sep 2018 21:55

Tgt Ion: 63 Resp: 4033
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.117 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV007616.D

Acq: 18 Sep 2018 21:55

Instrument :

MSVOA_V

ClientSampleId :

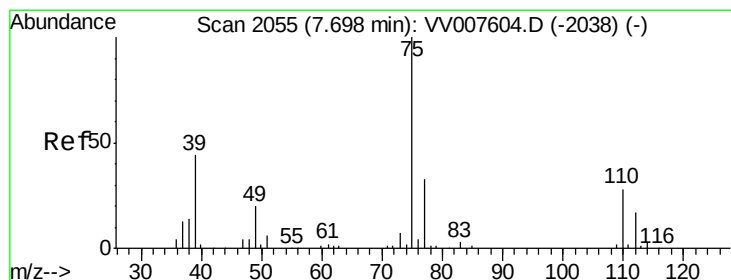
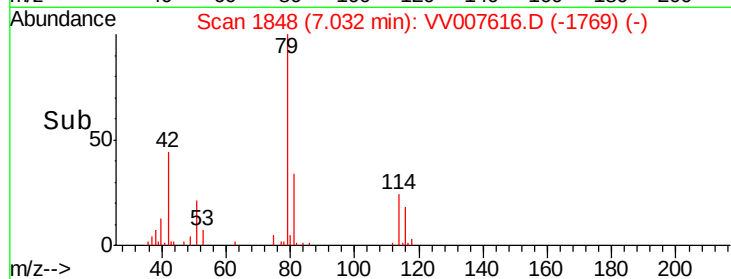
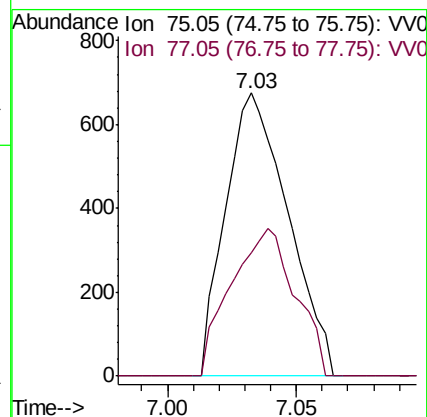
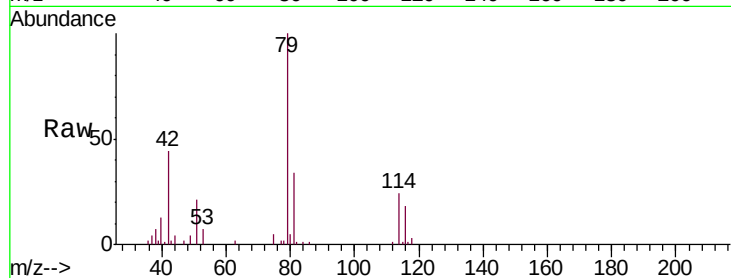
C0KY4DL

Tgt Ion: 75 Resp: 1141

Ion Ratio Lower Upper

75 100

77 43.7 23.0 42.8#



#44

trans-1,3-Dichloropropene

Concen: 0.085 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

Lab File: VV007616.D

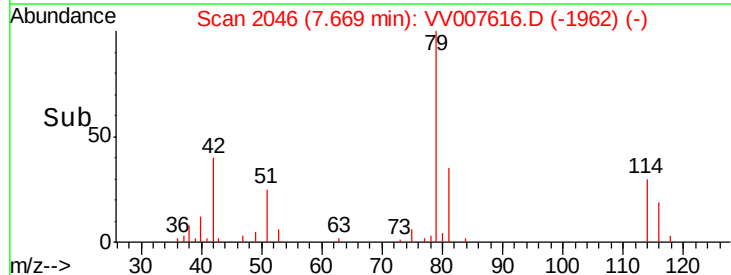
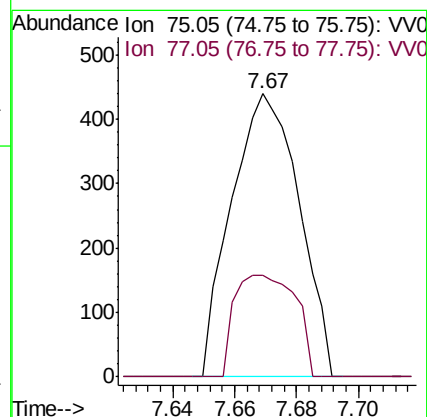
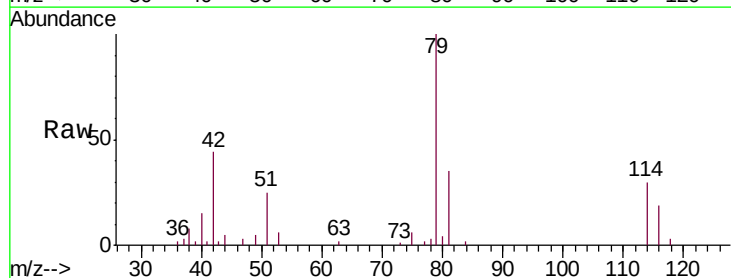
Acq: 18 Sep 2018 21:55

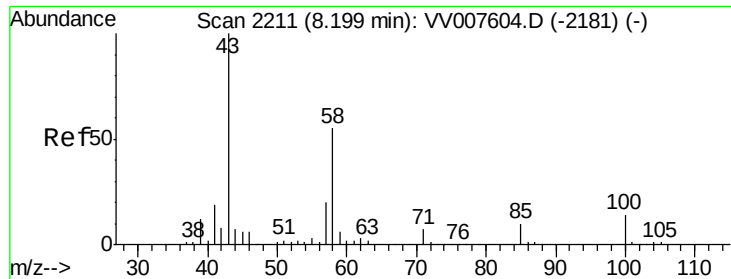
Tgt Ion: 75 Resp: 667

Ion Ratio Lower Upper

75 100

77 35.8 21.3 39.6





#48

2-Hexanone

Concen: 3.735 ug/L

RT: 8.19 min Scan# 2209

Delta R.T. -0.01 min

Lab File: VV007616.D

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Tgt Ion: 43 Resp: 9952

Ion Ratio Lower Upper

43 100

58 46.0 45.5 68.3

57 0.0 16.3 24.5#

100 5.9 10.7 16.1#

