

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111918\
 Data File : VV008658.D
 Acq On : 19 Nov 2018 18:38
 Operator : SY/MD
 Sample : J5995-14
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0FN0

Quant Time: Nov 20 08:32:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 20 06:56:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	147908	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	133807	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	57596	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	29457	4.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.80%
7) Chloroethane-d5	1.59	69	25424	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.14	63	47034	3.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.60%
20) 2-Butanone-d5	3.96	46	120483	51.25	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.50%
24) Chloroform-d	4.41	84	83359	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	5.09	65	45366	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.10	84	166440	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.12	67	54768	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.36	98	146853	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
43) trans-1,3-Dichloropropene-	7.67	79	16059	3.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.80%
46) 2-Hexanone-d5	8.14	63	88733	45.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.26%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	38261	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	50722	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

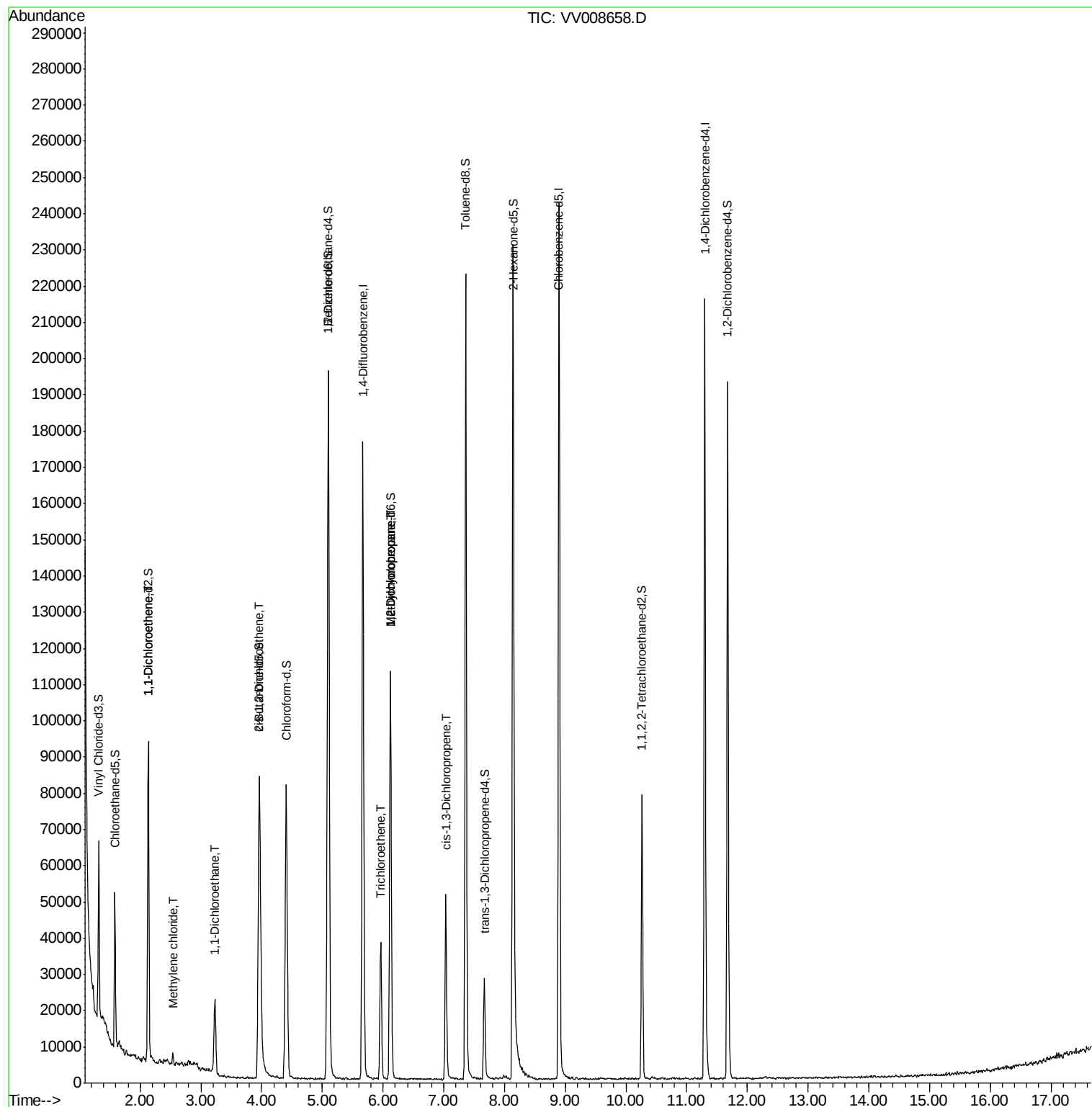
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.14	96	937	0.137	ug/L #	1
16) Methylene chloride	2.54	84	1001	0.120	ug/L	82
19) 1,1-Dichloroethane	3.23	63	20676	1.098	ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	12698	1.130	ug/L	91
34) Trichloroethene	5.96	95	13227	1.180	ug/L	96
35) Methylcyclohexane	6.12	83	12845	0.677	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	6194	0.556	ug/L #	89
39) cis-1,3-Dichloropropene	7.04	75	1398	0.093	ug/L	91

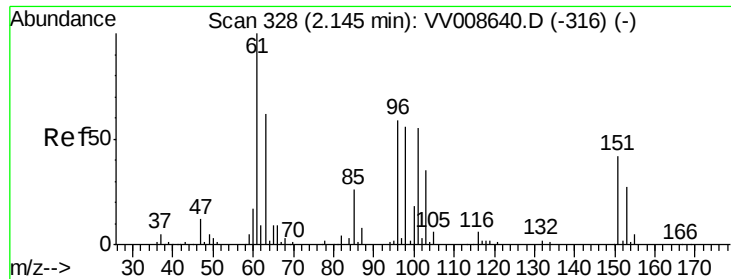
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 20 06:56:52 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.137 ug/L

RT: 2.14 min Scan# 327

Delta R.T. -0.00 min

Lab File: VV008658.D

Acq: 19 Nov 2018 18:38

Instrument :

MSVOA_V

ClientSampled :

H0FN0

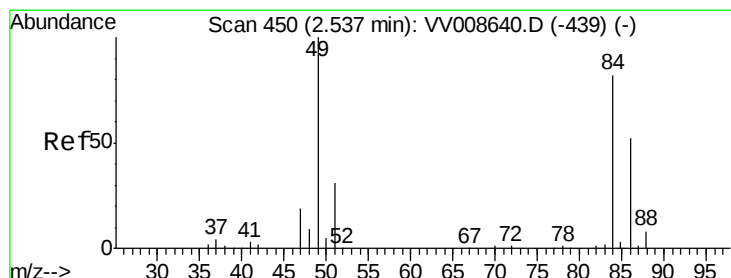
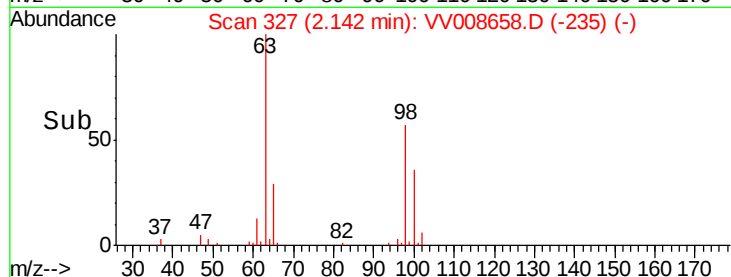
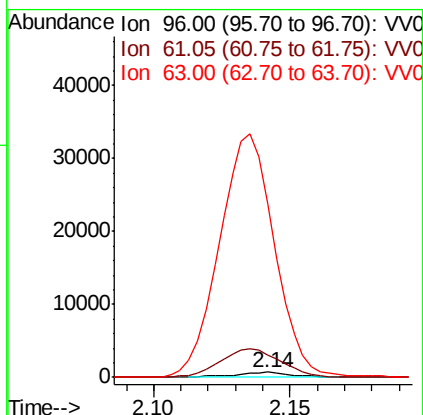
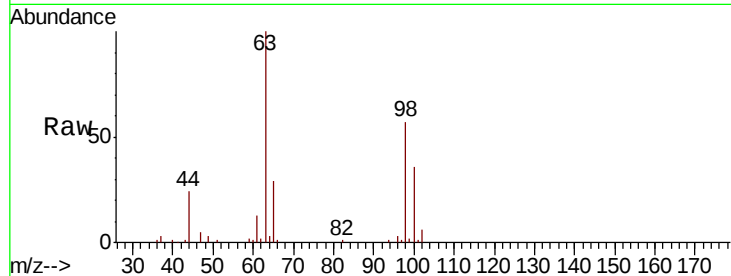
Tgt Ion: 96 Resp: 937

Ion Ratio Lower Upper

96 100

61 438.5 120.3 223.5#

63 3358.6 82.5 153.3#



#16

Methylene chloride

Concen: 0.120 ug/L

RT: 2.54 min Scan# 450

Delta R.T. -0.00 min

Lab File: VV008658.D

Acq: 19 Nov 2018 18:38

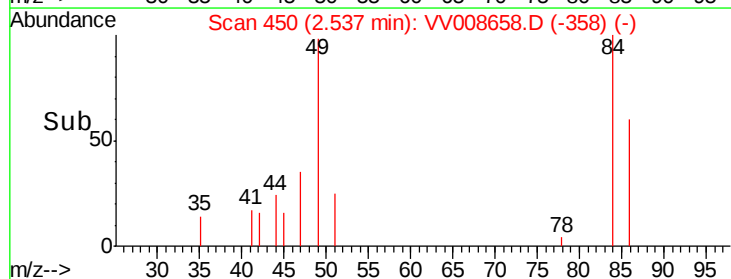
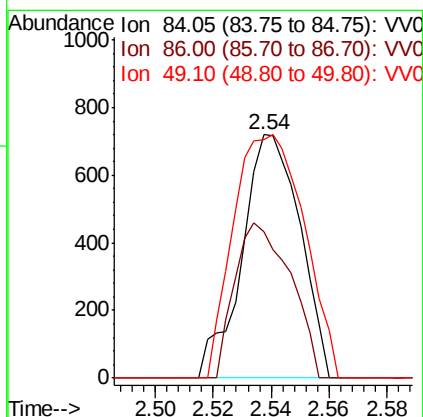
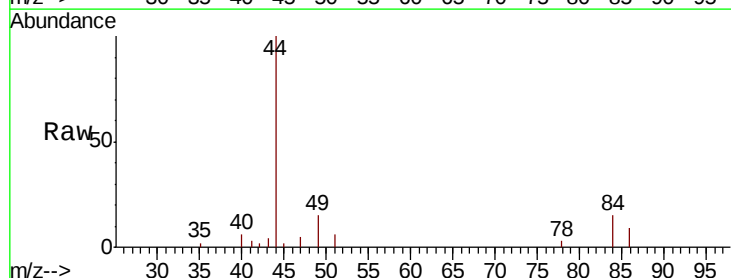
Tgt Ion: 84 Resp: 1001

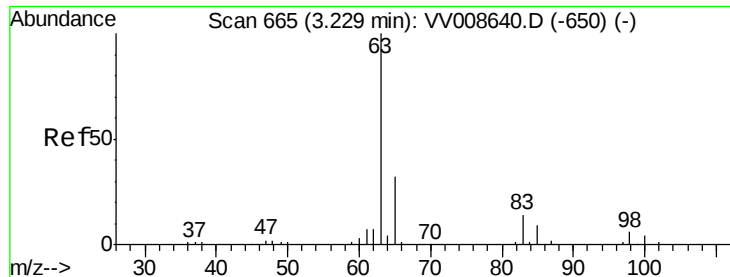
Ion Ratio Lower Upper

84 100

86 59.9 44.8 83.2

49 97.8 88.1 163.7

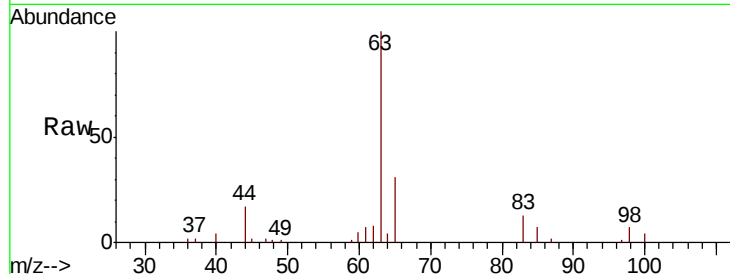




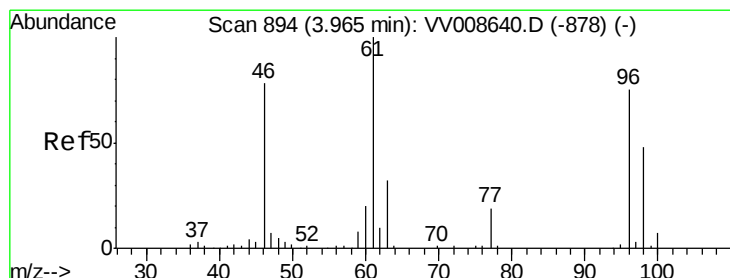
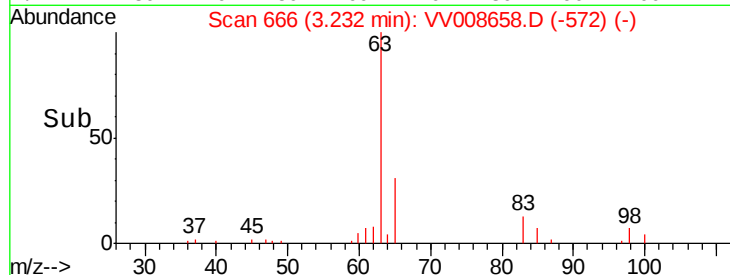
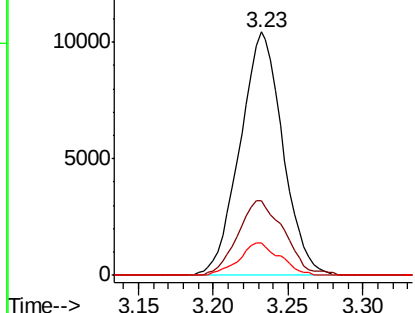
#19
 1,1-Dichloroethane
 Concen: 1.098 ug/L
 RT: 3.23 min Scan# 666
 Delta R.T. 0.00 min
 Lab File: VV008658.D
 Acq: 19 Nov 2018 18:38

Instrument :
 MSVOA_V
 ClientSampleId :
 H0FN0

Tgt Ion: 63 Resp: 20676
 Ion Ratio Lower Upper
 63 100
 65 30.7 23.2 43.0
 83 13.4 9.5 17.7

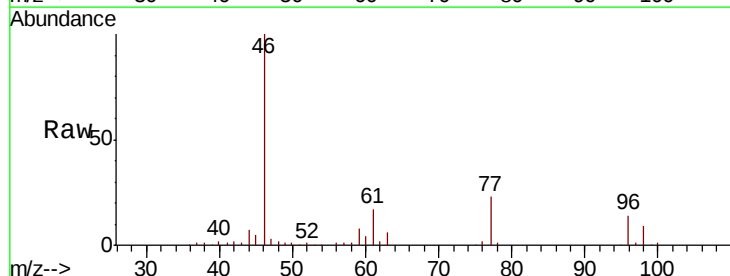


Abundance Ion 63.10 (62.80 to 63.80): VV0
 Ion 65.10 (64.80 to 65.80): VV0
 Ion 83.05 (82.75 to 83.75): VV0

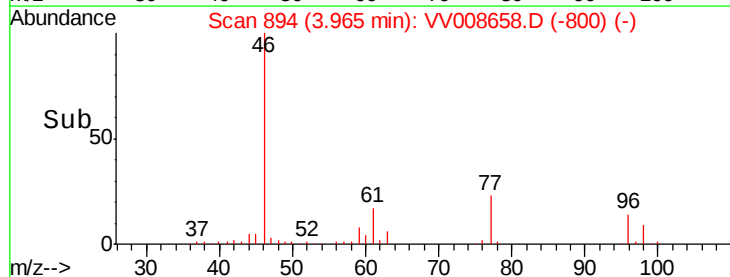
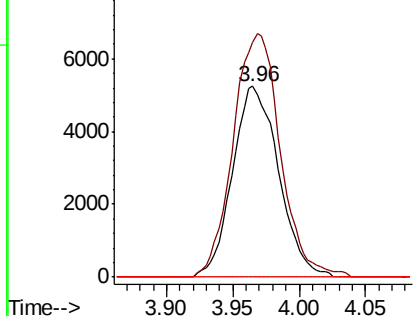


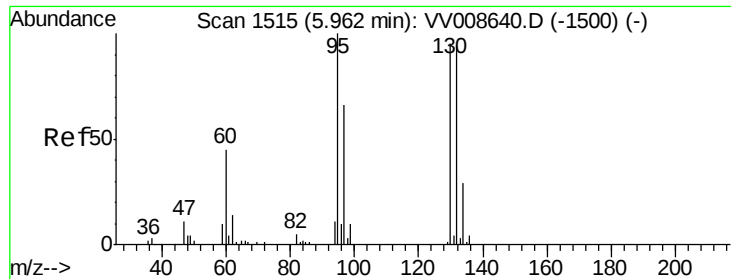
#22
 cis-1,2-Dichloroethene
 Concen: 1.130 ug/L
 RT: 3.96 min Scan# 894
 Delta R.T. 0.00 min
 Lab File: VV008658.D
 Acq: 19 Nov 2018 18:38

Tgt Ion: 96 Resp: 12698
 Ion Ratio Lower Upper
 96 100
 61 122.9 93.2 173.2
 68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0

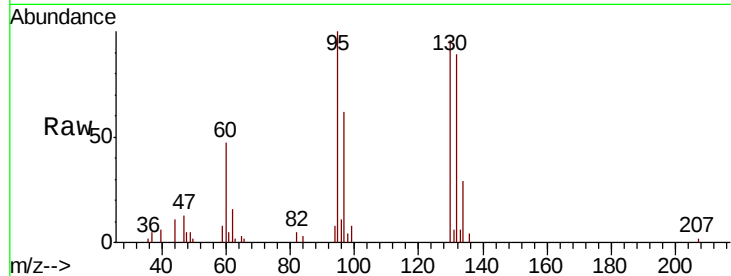




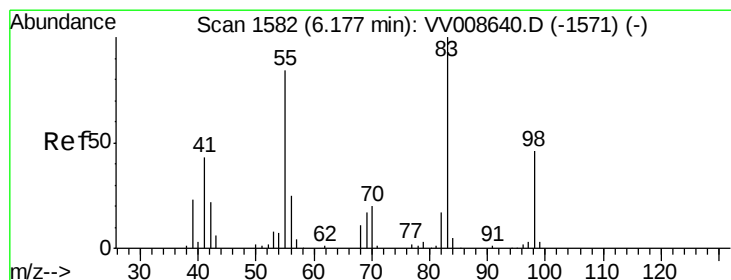
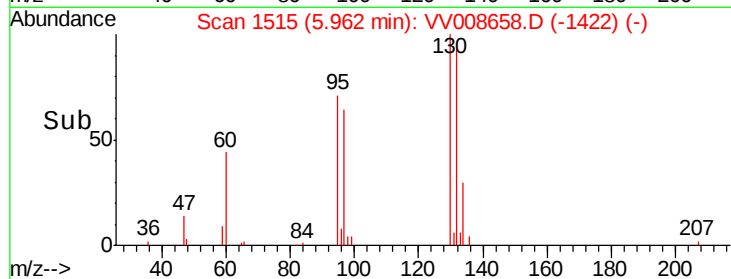
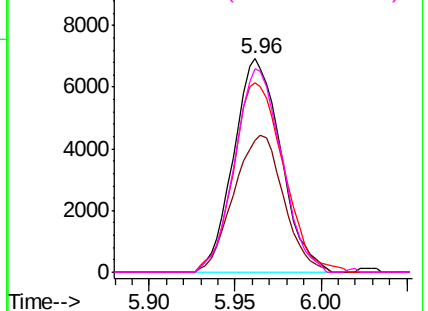
#34
 Trichloroethene
 Concen: 1.180 ug/L
 RT: 5.96 min Scan# 1515
 Delta R.T. 0.00 min
 Lab File: VV008658.D
 Acq: 19 Nov 2018 18:38

Instrument :
 MSVOA_V
 ClientSampleId :
 H0FN0

Tgt Ion:	95	Resp:	13227
Ion	Ratio	Lower	Upper
95	100		
97	61.6	45.1	83.7
132	88.7	66.3	123.1
130	95.5	68.0	126.4

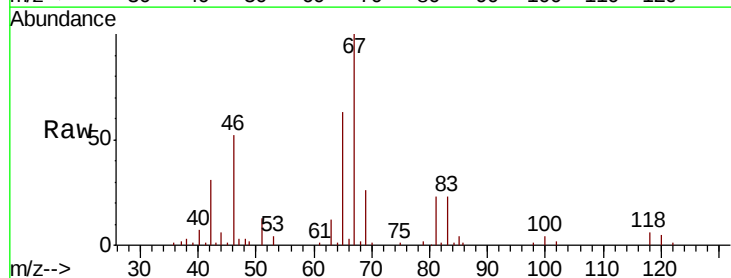


Abundance Ion 95.00 (94.70 to 95.70): VV008640.D (-1500) (-)
 Ion 96.95 (96.65 to 97.65): VV008640.D (-1500) (-)
 Ion 131.95 (131.65 to 132.65): VV008640.D (-1500) (-)
 Ion 129.95 (129.65 to 130.65): VV008640.D (-1500) (-)

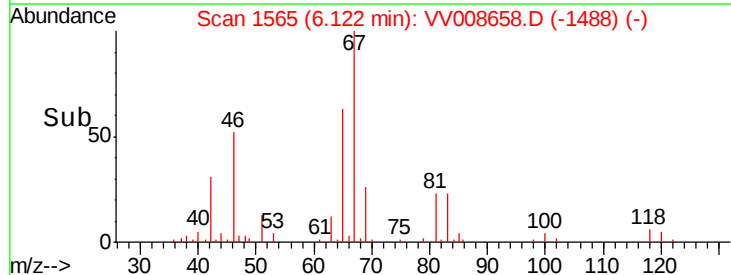
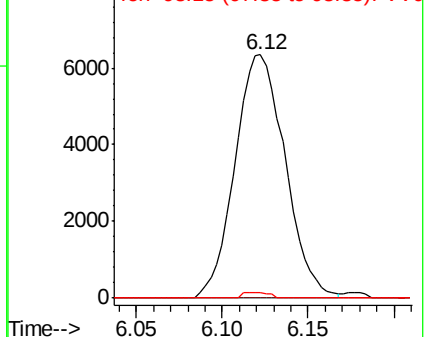


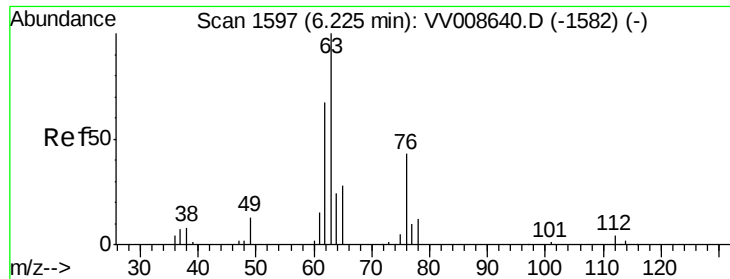
#35
 Methylcyclohexane
 Concen: 0.677 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.05 min
 Lab File: VV008658.D
 Acq: 19 Nov 2018 18:38

Tgt Ion:	83	Resp:	12845
Ion	Ratio	Lower	Upper
83	100		
55	0.0	65.6	98.4#
98	1.2	36.4	54.6#



Abundance Ion 83.15 (82.85 to 83.85): VV008640.D (-1571) (-)
 Ion 55.10 (54.80 to 55.80): VV008640.D (-1571) (-)
 Ion 98.15 (97.85 to 98.85): VV008640.D (-1571) (-)

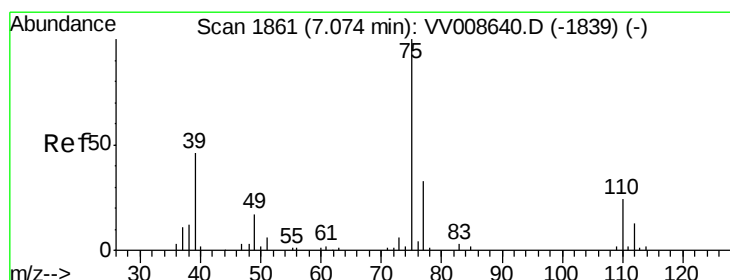
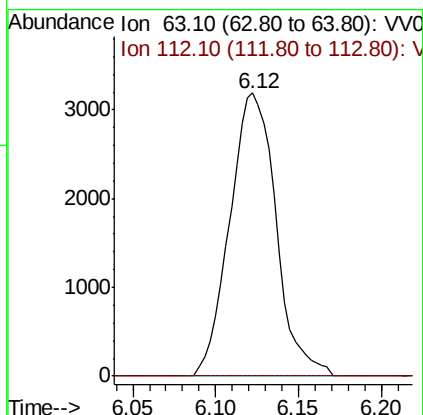
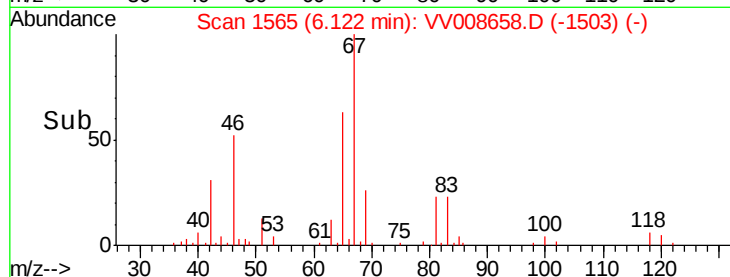
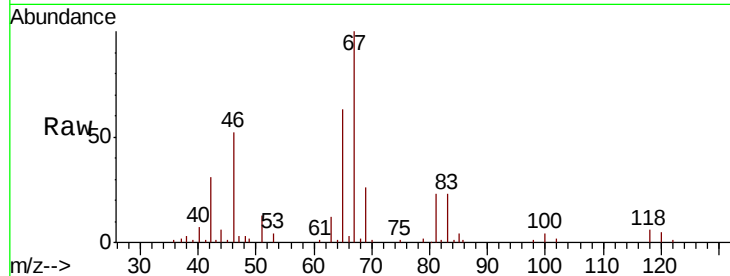




#37
 1,2-Dichloropropane
 Concen: 0.556 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV008658.D
 Acq: 19 Nov 2018 18:38

Instrument :
 MSVOA_V
 ClientSampleId :
 H0FN0

Tgt Ion: 63 Resp: 6194
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.8 4.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.093 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV008658.D
 Acq: 19 Nov 2018 18:38

Tgt Ion: 75 Resp: 1398
 Ion Ratio Lower Upper
 75 100
 77 37.8 23.0 42.8

