

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081018\
 Data File : VV006977.D
 Acq On : 10 Aug 2018 12:01
 Operator : SY/MD
 Sample : J4358-11DL 40X
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ESWX2DL

Quant Time: Aug 10 23:14:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 10 23:13:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	244490	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	235306	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	95983	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	70296	4.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.00%
7) Chloroethane-d5	1.58	69	62850	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.13	63	94748	3.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.00%
20) 2-Butanone-d5	3.97	46	242586	53.45	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.90%
24) Chloroform-d	4.41	84	155093	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.09	65	82352	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.10	84	289635	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.12	67	102192	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.37	98	214115	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
43) trans-1,3-Dichloropropene-	7.67	79	31757	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.15	63	120218	40.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.78%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	76629	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	80756	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

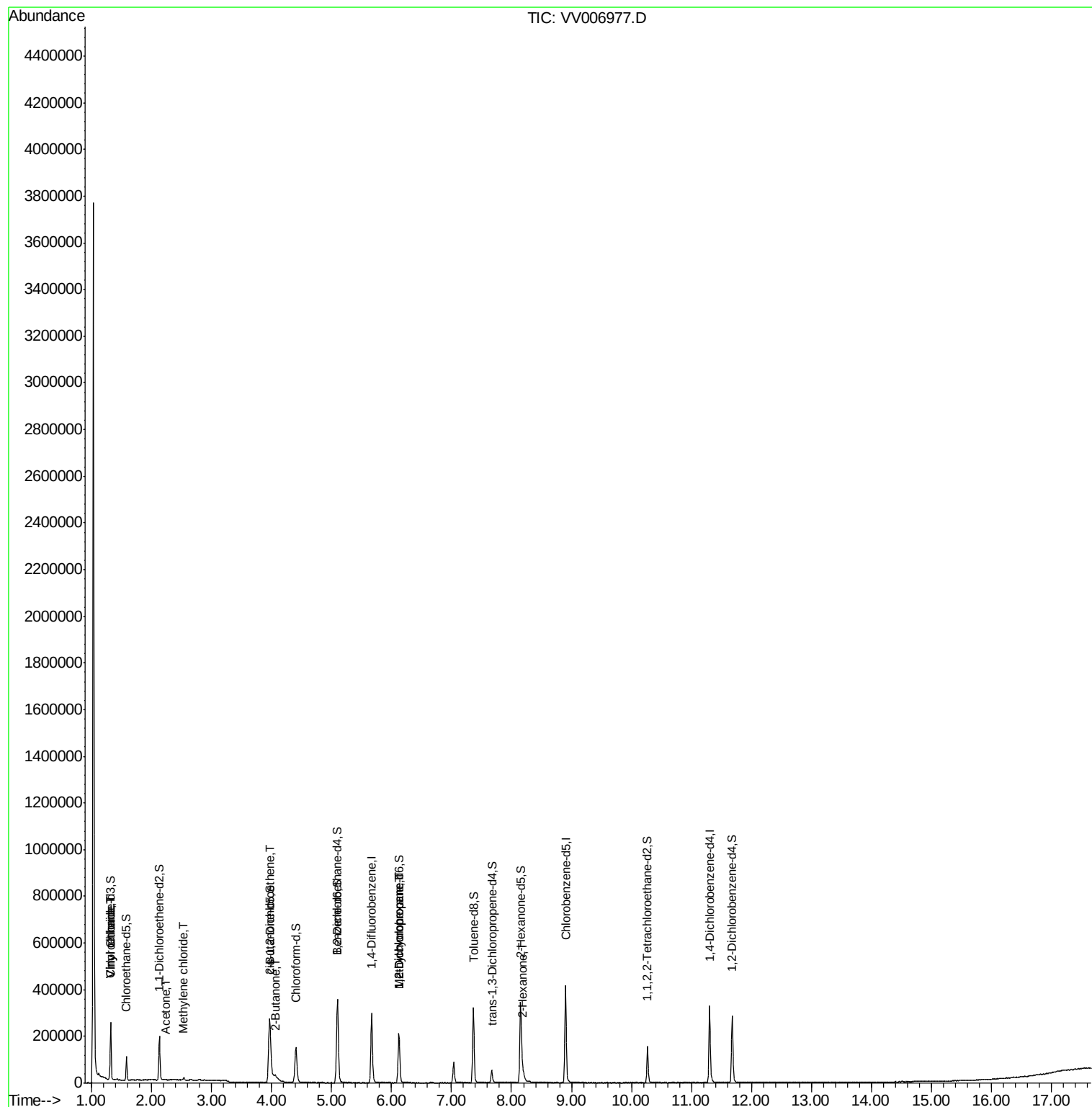
					Ovalue
5) Vinyl chloride	1.32	62	89498	3.779 ug/L	100
8) Chloroethane	1.32	64	28982	2.017 ug/L #	51
13) Acetone	2.22	43	4085	1.748 ug/L	98
16) Methylene chloride	2.54	84	4370	0.206 ug/L	92
21) 2-Butanone	4.06	43	3529	0.696 ug/L #	61
22) cis-1,2-Dichloroethene	3.97	96	100985	4.734 ug/L	99
35) Methylcyclohexane	6.12	83	24056	0.767 ug/L #	16
37) 1,2-Dichloropropane	6.12	63	10321	0.463 ug/L #	89
48) 2-Hexanone	8.19	43	13528	1.591 ug/L #	73

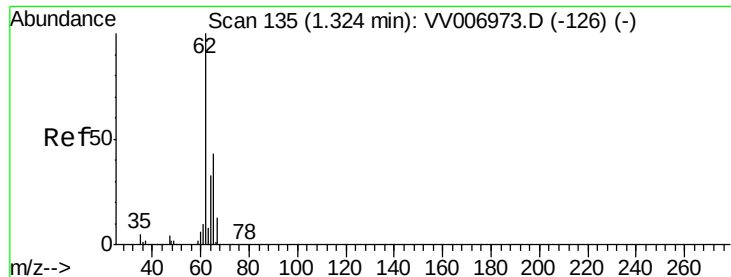
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 10 23:13:31 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 3.779 ug/L

RT: 1.32 min Scan# 134

Delta R.T. -0.00 min

Lab File: VV006977.D

Acq: 10 Aug 2018 12:01

Instrument :

MSVOA_V

ClientSampled :

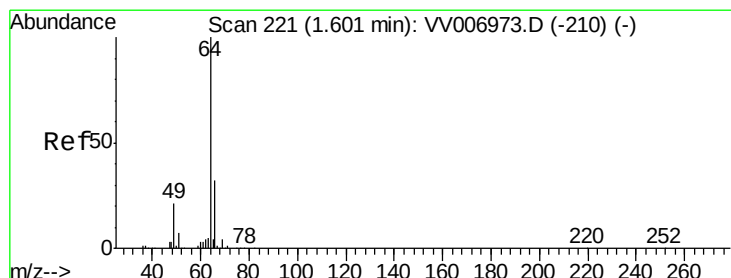
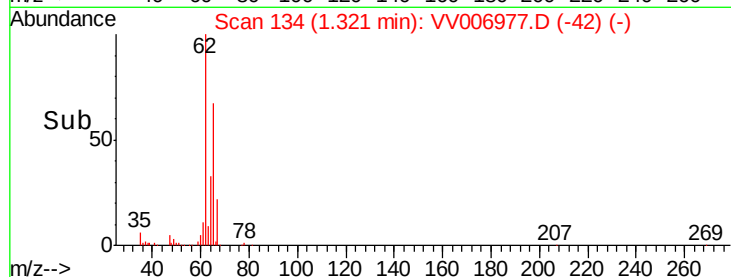
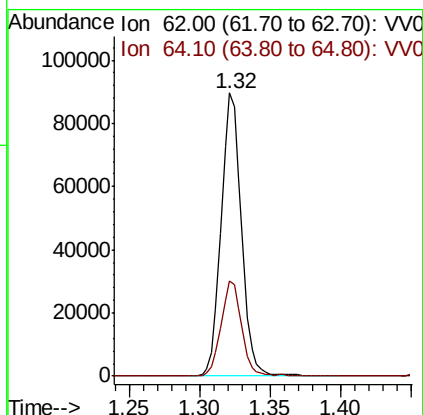
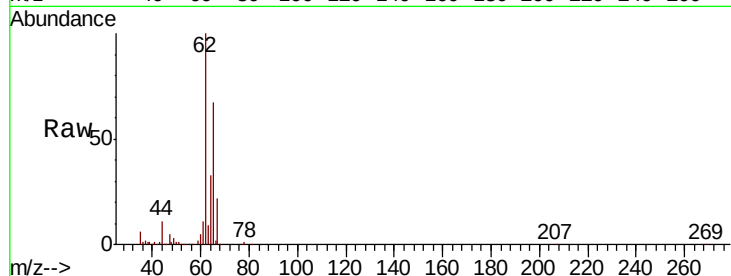
ESWX2DL

Tot Ion: 62 Resp: 89498

Ion Ratio Lower Upper

62 100

64 33.5 23.5 43.7



#8

Chloroethane

Concen: 2.017 ug/L

RT: 1.32 min Scan# 134

Delta R.T. -0.28 min

Lab File: VV006977.D

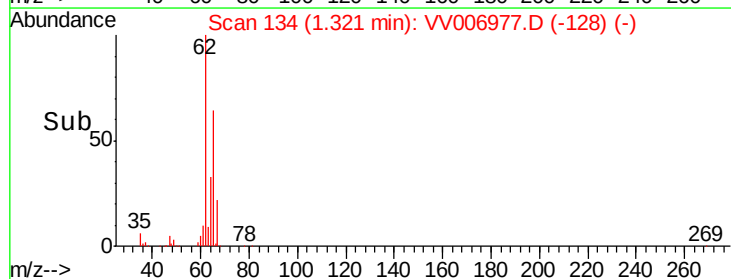
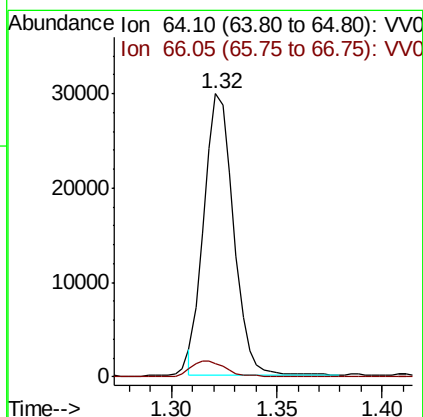
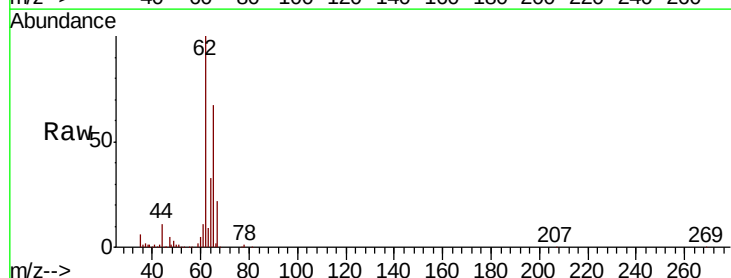
Acq: 10 Aug 2018 12:01

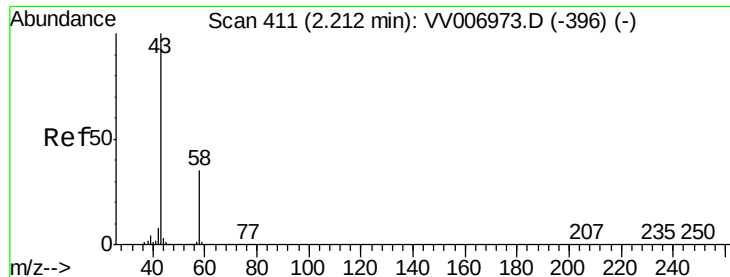
Tgt Ion: 64 Resp: 28982

Ion Ratio Lower Upper

64 100

66 4.8 22.6 42.0#





#13

Acetone

Concen: 1.748 ug/L

RT: 2.22 min Scan# 414

Delta R.T. 0.01 min

Lab File: VV006977.D

Acq: 10 Aug 2018 12:01

Instrument :

MSVOA_V

ClientSampleId :

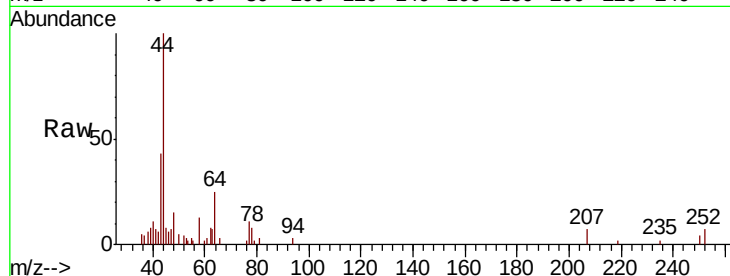
ESWX2DL

Tot Ion: 43 Resp: 4085

Ion Ratio Lower Upper

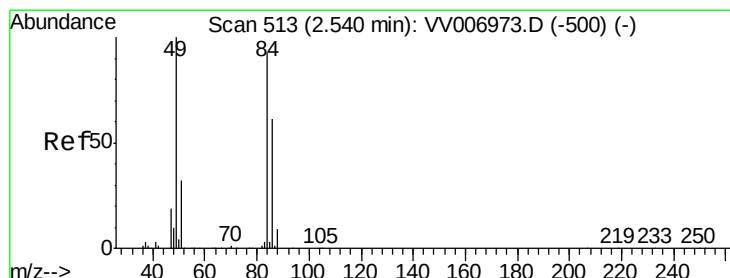
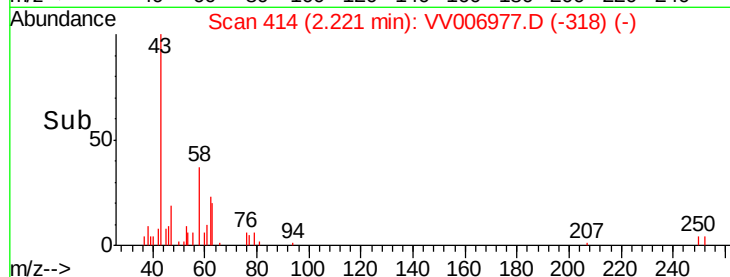
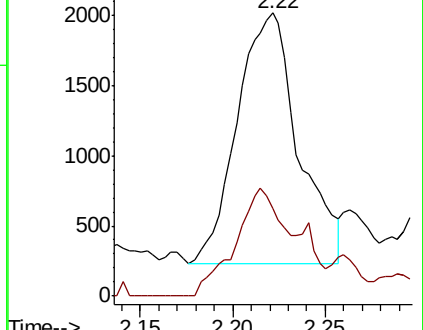
43 100

58 34.8 0.0 71.4



Abundance Ion 43.05 (42.75 to 43.75): VV006977.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VV006977.D (-396) (-)



#16

Methylene chloride

Concen: 0.206 ug/L

RT: 2.54 min Scan# 513

Delta R.T. -0.00 min

Lab File: VV006977.D

Acq: 10 Aug 2018 12:01

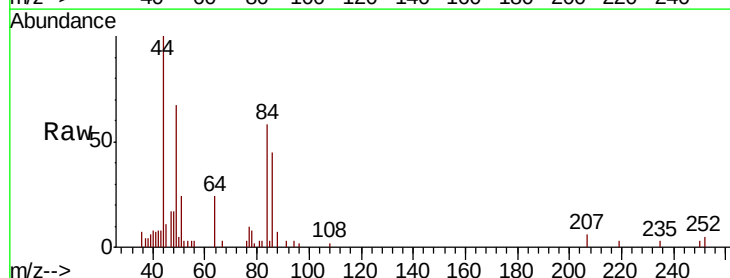
Tgt Ion: 84 Resp: 4370

Ion Ratio Lower Upper

84 100

86 77.0 45.7 84.9

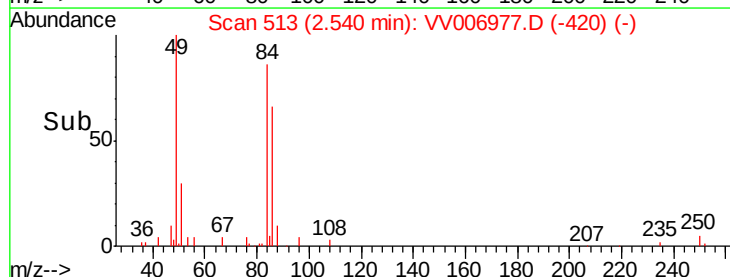
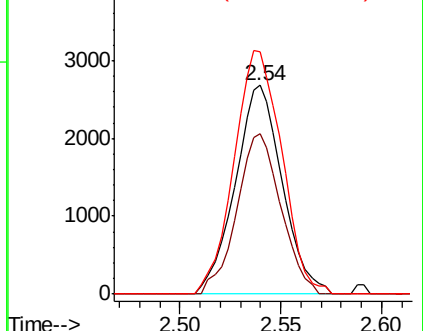
49 116.2 78.8 146.4

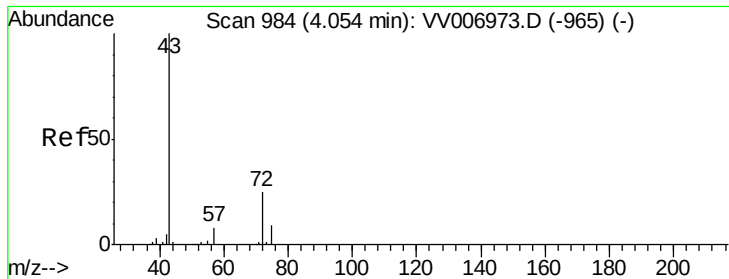


Abundance Ion 84.05 (83.75 to 84.75): VV006977.D (-500) (-)

Ion 86.00 (85.70 to 86.70): VV006977.D (-500) (-)

Ion 49.10 (48.80 to 49.80): VV006977.D (-500) (-)





#21

2-Butanone

Concen: 0.696 ug/L

RT: 4.06 min Scan# 987

Delta R.T. 0.01 min

Lab File: VV006977.D

Acq: 10 Aug 2018 12:01

Instrument :

MSVOA_V

ClientSampleId :

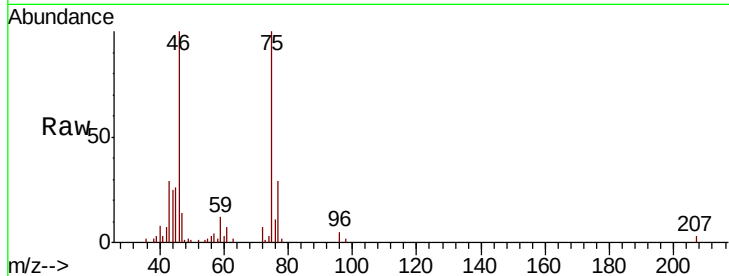
ESWX2DL

Tot Ion: 43 Resp: 3529

Ion Ratio Lower Upper

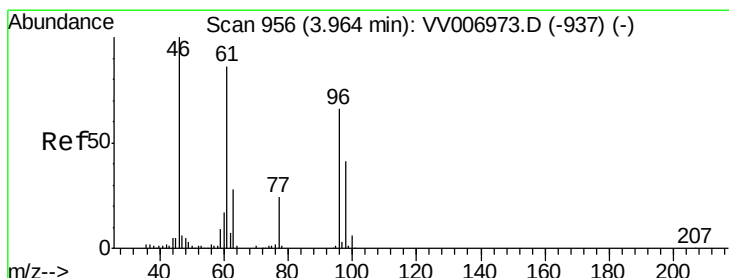
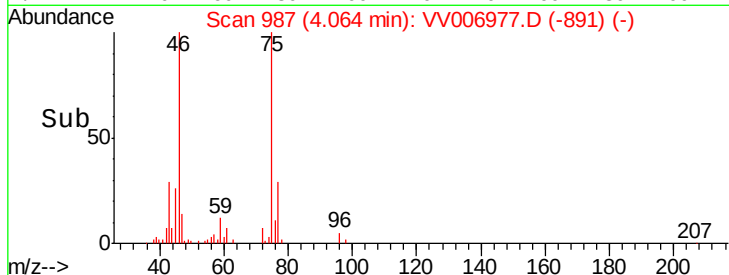
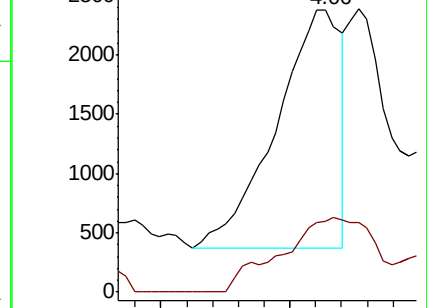
43 100

72 44.2 12.4 37.2#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0



#22

cis-1,2-Dichloroethene

Concen: 4.734 ug/L

RT: 3.97 min Scan# 957

Delta R.T. 0.00 min

Lab File: VV006977.D

Acq: 10 Aug 2018 12:01

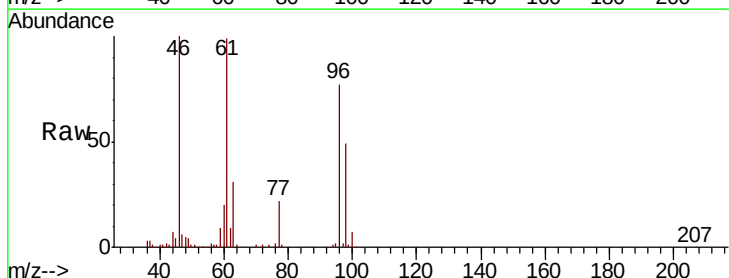
Tgt Ion: 96 Resp: 100985

Ion Ratio Lower Upper

96 100

61 129.5 91.1 169.1

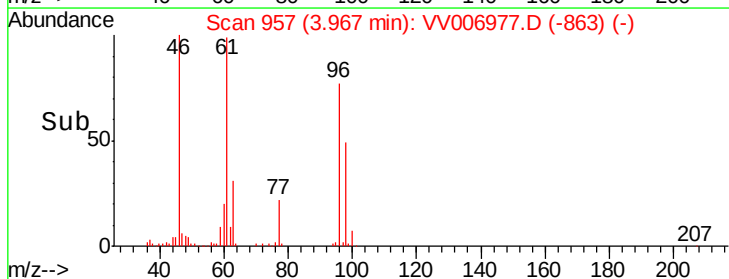
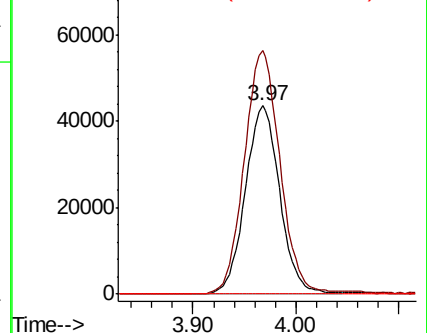
68 0.0 0.0 0.0

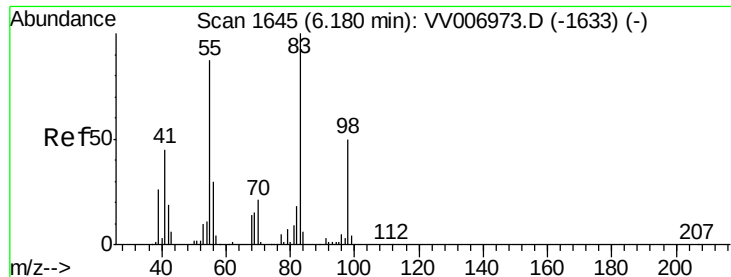


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0

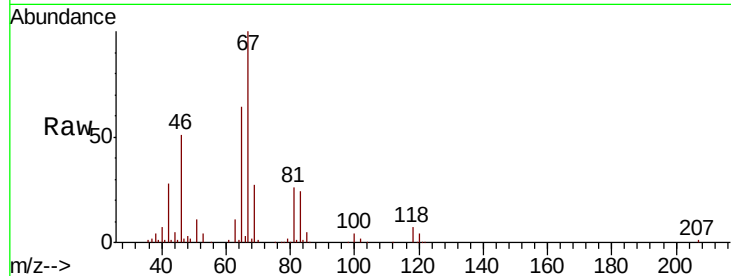




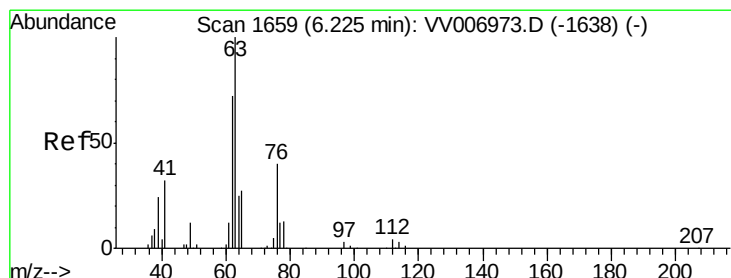
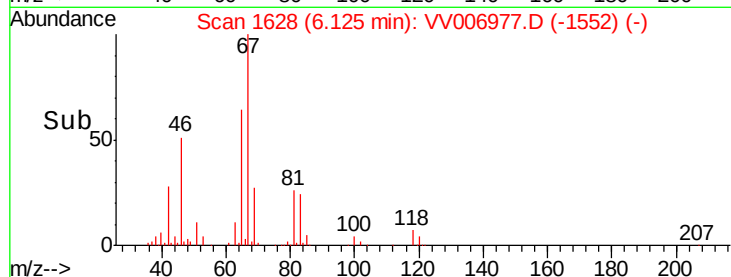
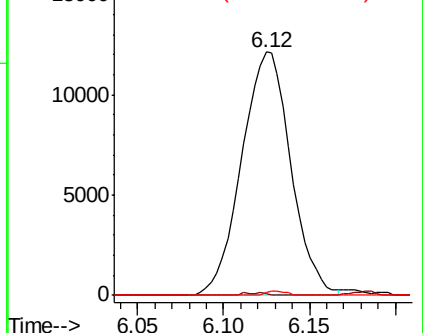
#35
Methylvlcyclohexane
Concen: 0.767 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV006977.D
Acq: 10 Aug 2018 12:01

Instrument :
MSVOA_V
ClientSampleId :
ESWX2DL

Tot Ion: 83 Resp: 24056
Ion Ratio Lower Upper
83 100
55 0.5 68.1 102.1#
98 0.7 37.9 56.9#

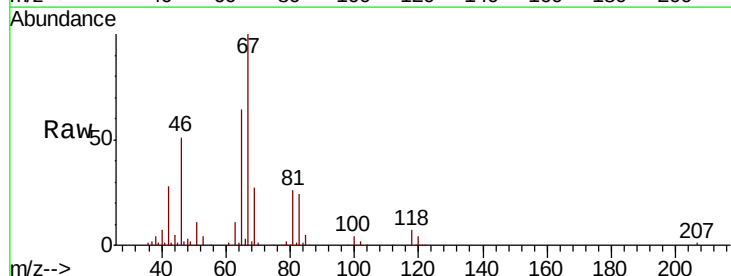


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

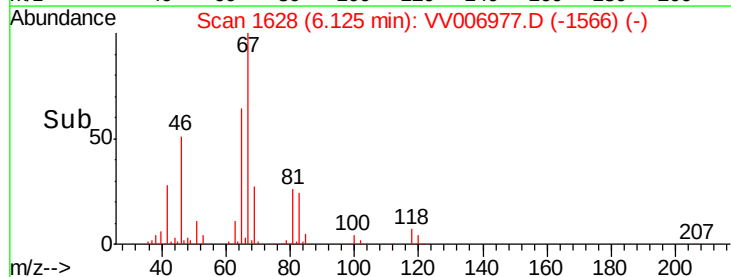
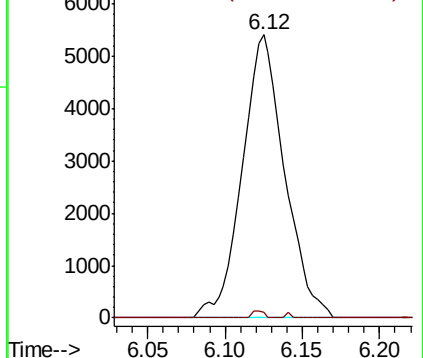


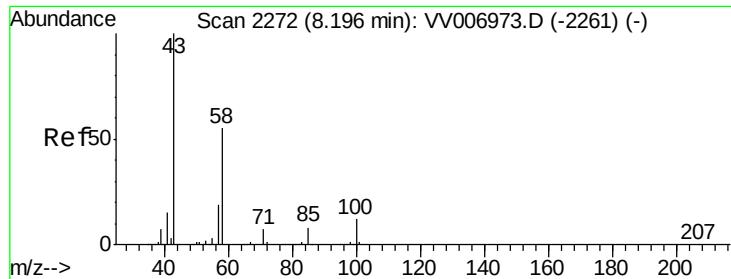
#37
1,2-Dichloropropane
Concen: 0.463 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VV006977.D
Acq: 10 Aug 2018 12:01

Tgt Ion: 63 Resp: 10321
Ion Ratio Lower Upper
63 100
112 0.7 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#48
 2-Hexanone
 Concen: 1.591 ug/L
 RT: 8.19 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: VV006977.D
 Acq: 10 Aug 2018 12:01

Instrument :
 MSVOA_V
 ClientSampleId :
 ESWX2DL

Tot Ion:	43	Resp:	13528
Ion	Ratio	Lower	Upper
43	100		
58	35.9	44.2	66.2#
57	0.0	14.8	22.2#
100	9.4	8.8	13.2

