

Data File : VV008696.D
Acq On : 21 Nov 2018 13:17
Operator : SY/MD
Sample : J6026-09DL 40X
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H0FL8DL

Quant Time: Nov 22 00:40:37 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 22 00:36:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	180913	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	166399	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	70405	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	43238	5.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.60%
7) Chloroethane-d5	1.59	69	32444	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.00%
11) 1,1-Dichloroethene-d2	2.14	63	62322	3.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.40%
20) 2-Butanone-d5	3.96	46	120705	41.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.96%
24) Chloroform-d	4.41	84	97557	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.09	65	51195	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
32) Benzene-d6	5.10	84	207099	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.12	67	62851	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.80%
41) Toluene-d8	7.36	98	186316	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	7.67	79	18527	3.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.40%
46) 2-Hexanone-d5	8.14	63	81884	33.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	67.72%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	40808	4.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	60657	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%

Target Compounds

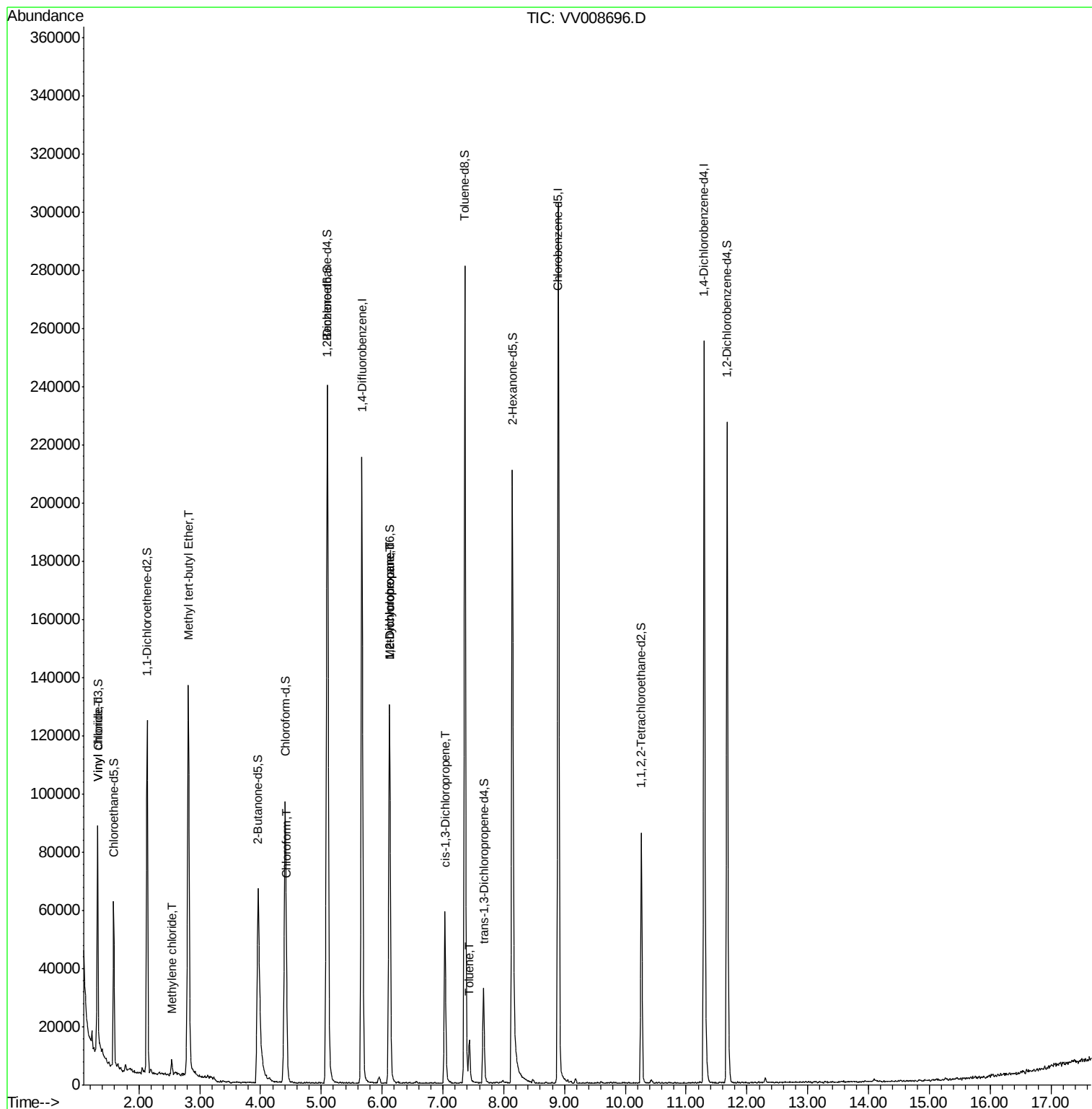
					Qvalue
5) Vinyl chloride	1.33	62	3831	0.335 ug/L #	74
16) Methylene chloride	2.54	84	1858	0.182 ug/L	97
17) Methyl tert-butyl Ether	2.81	73	136389	6.110 ug/L	98
25) Chloroform	4.43	83	4048	0.139 ug/L	95
35) Methylcyclohexane	6.12	83	15534	0.658 ug/L #	17
37) 1,2-Dichloropropane	6.13	63	6641	0.479 ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	1468	0.079 ug/L	95
42) Toluene	7.43	91	10197	0.185 ug/L	94

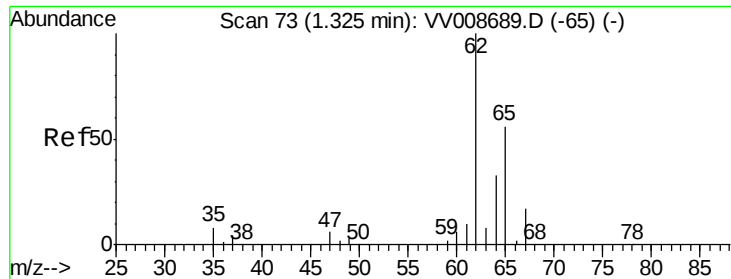
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Nov 22 00:36:45 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.335 ug/L

RT: 1.33 min Scan# 73

Delta R.T. -0.00 min

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Acq: 21 Nov 2018 13:17

Instrument :

MSVOA_V

ClientSampled :

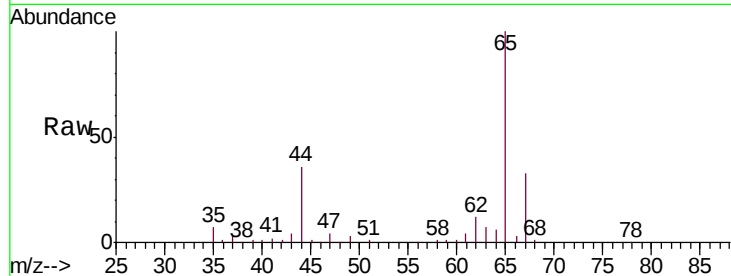
H0FL8DL

Tgt Ion: 62 Resp: 3831

Ion Ratio Lower Upper

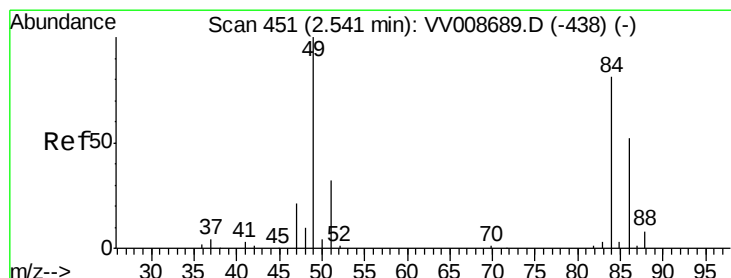
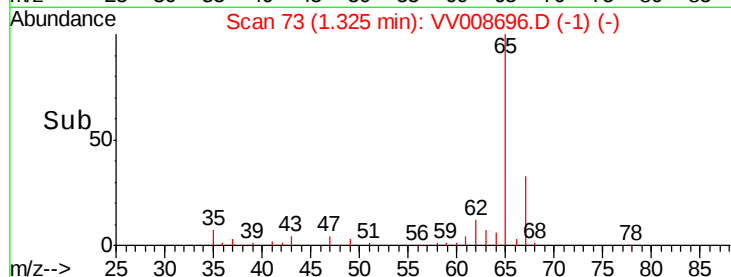
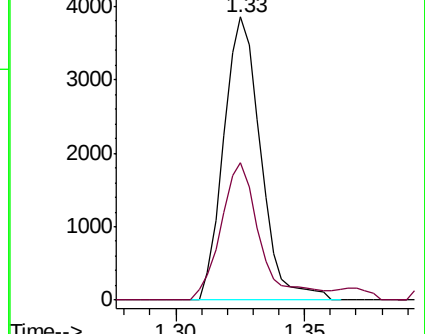
62 100

64 48.4 23.4 43.4#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#16

Methylene chloride

Concen: 0.182 ug/L

RT: 2.54 min Scan# 452

Delta R.T. 0.00 min

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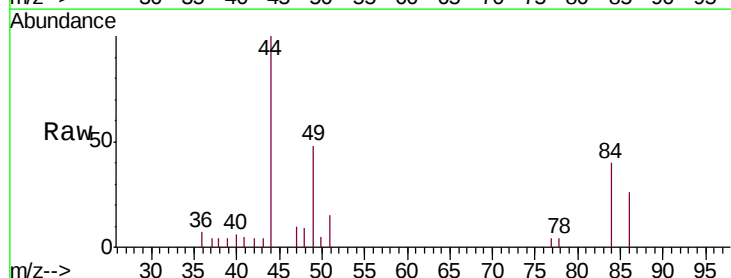
Tgt Ion: 84 Resp: 1858

Ion Ratio Lower Upper

84 100

86 64.2 44.8 83.2

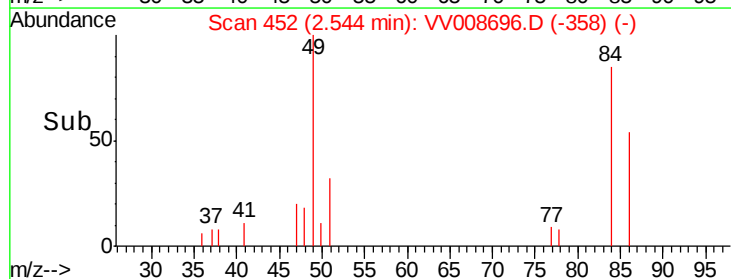
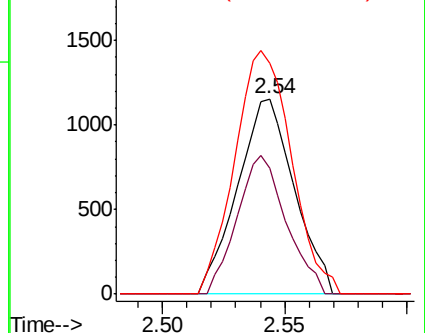
49 131.4 88.1 163.7

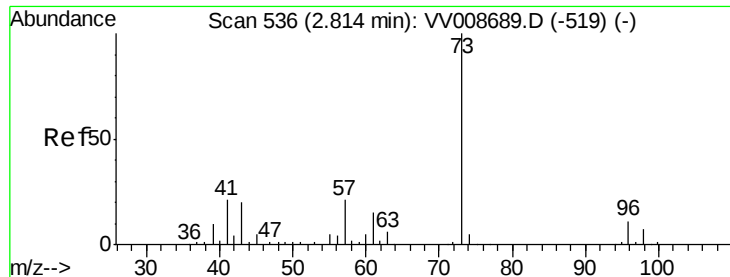


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

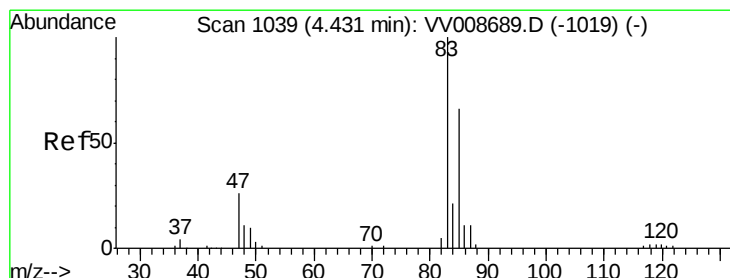
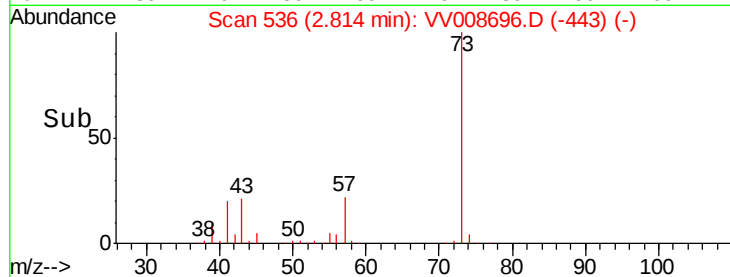
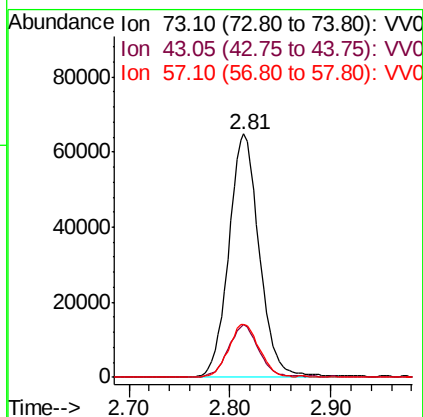
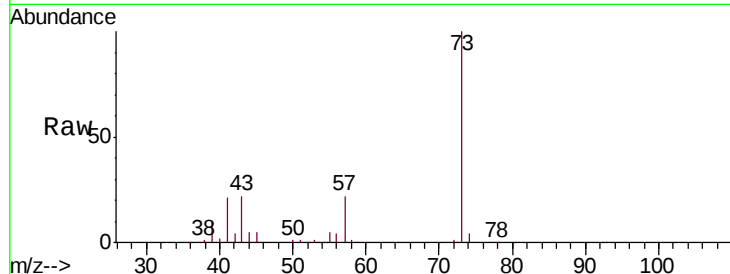




#17
Methyl tert-butyl Ether
Concen: 6.110 ug/L
RT: 2.81 min Scan# 536
Delta R.T. -0.00 min
Lab File: VV008696.D
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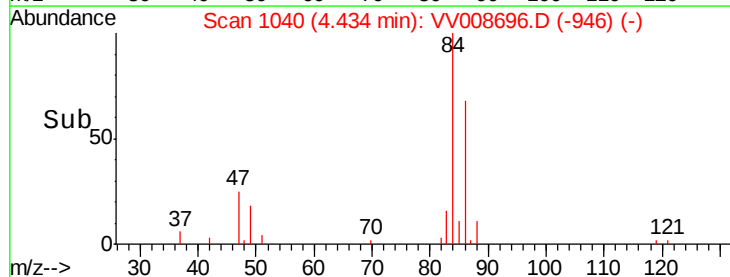
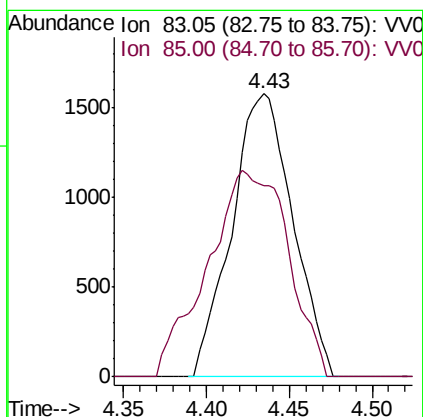
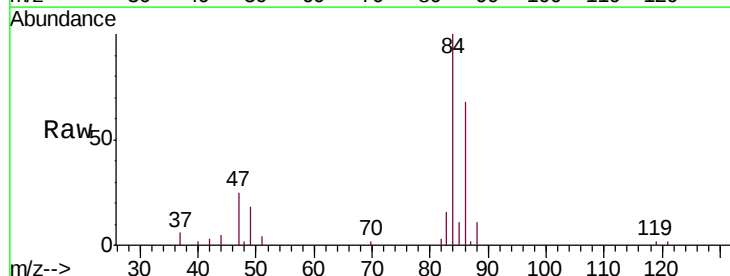
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ClientSampleId :
H0FL8DL

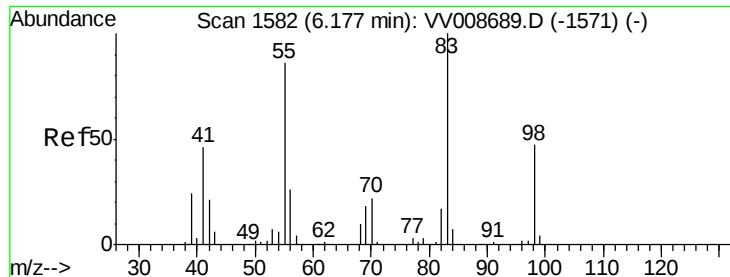
Tgt Ion: 73 Resp: 136389
Ion Ratio Lower Upper
73 100
43 21.1 18.1 27.1
57 21.9 17.9 26.9



#25
Chloroform
Concen: 0.139 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. 0.00 min
Lab File: VV008696.D
Acq: 21 Nov 2018 13:17

Tgt Ion: 83 Resp: 4048
Ion Ratio Lower Upper
83 100
85 67.5 44.4 82.5

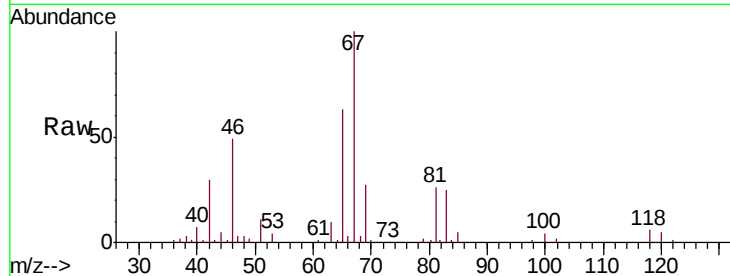




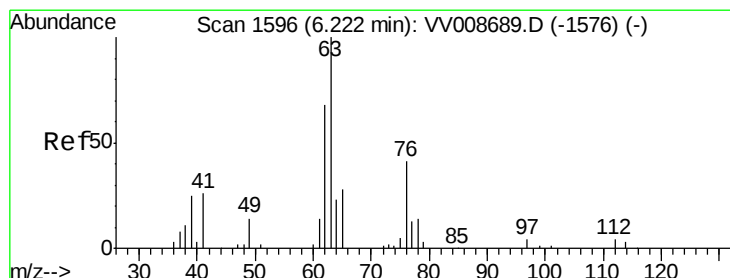
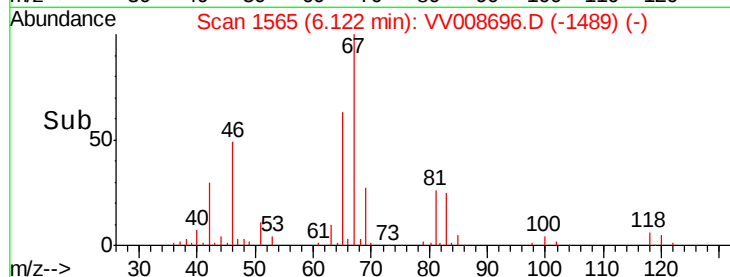
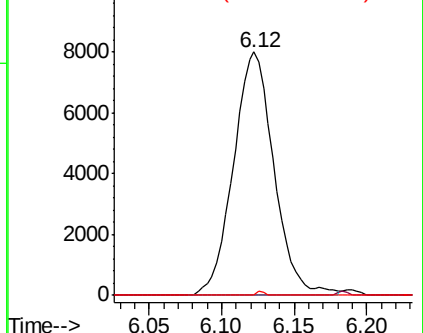
#35
Methylcyclohexane
Concen: 0.658 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008696.D
Acq: 21 Nov 2018 13:17

Instrument :
MSVOA_V
ClientSampleId :
H0FL8DL

Tgt Ion: 83 Resp: 15534
Ion Ratio Lower Upper
83 100
55 0.4 65.6 98.4#
98 0.3 36.4 54.6#

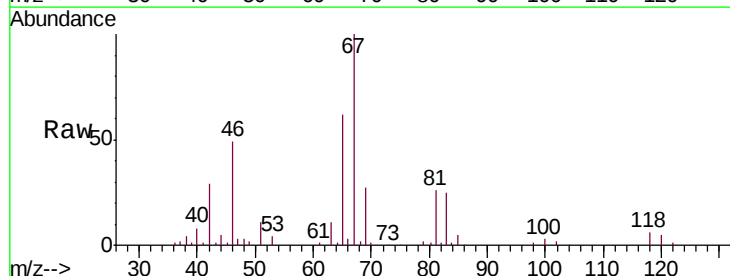


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

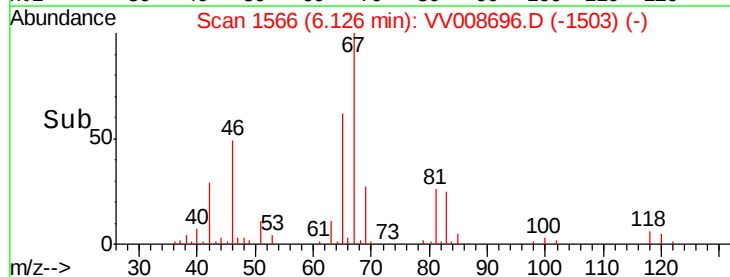
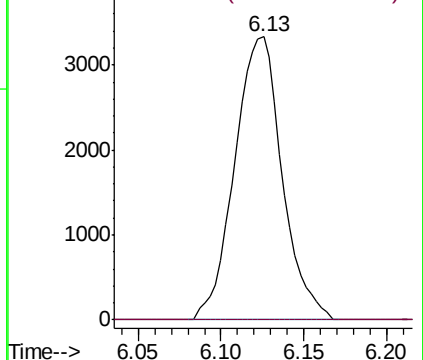


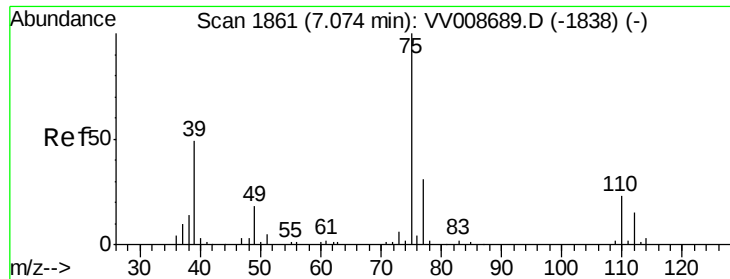
#37
1,2-Dichloropropane
Concen: 0.479 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.10 min
Lab File: VV008696.D
Acq: 21 Nov 2018 13:17

Tgt Ion: 63 Resp: 6641
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#



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

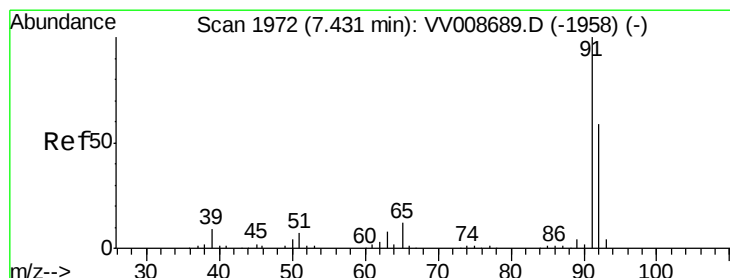
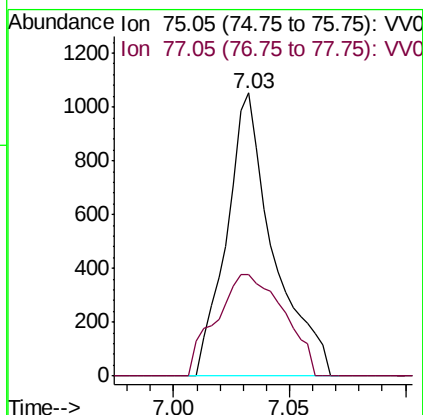
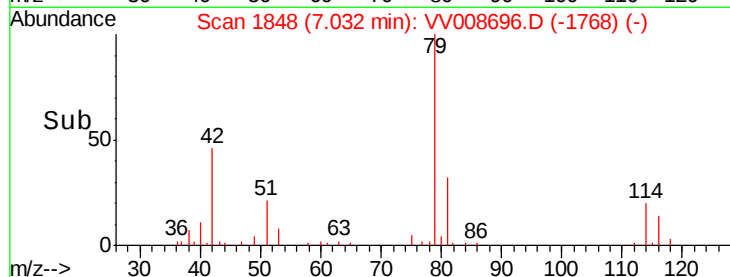
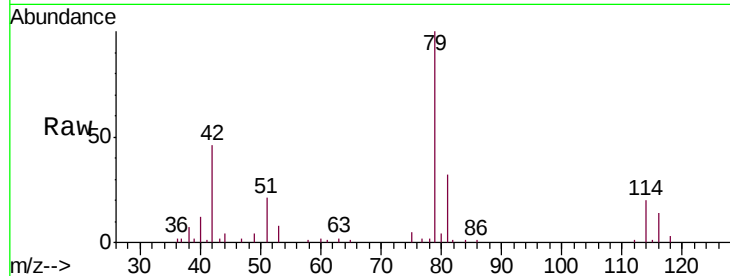




#39
 cis-1,3-Dichloropropene
 Concen: 0.079 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008696.D
 Acq: 21 Nov 2018 13:17

Instrument :
 MSVOA_V
 ClientSampleId :
 H0FL8DL

Tgt Ion: 75 Resp: 1468
 Ion Ratio Lower Upper
 75 100
 77 35.8 23.0 42.8



#42
 Toluene
 Concen: 0.185 ug/L
 RT: 7.43 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VV008696.D
 Acq: 21 Nov 2018 13:17

Tgt Ion: 91 Resp: 10197
 Ion Ratio Lower Upper
 91 100
 92 51.4 39.1 72.5

