

Data File : VV011977.D
Acq On : 23 Jul 2019 20:51
Operator : SY/MD
Sample : IBLK
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK40

Quant Time: Jul 24 05:57:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 24 05:52:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	135134	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	129331	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	63164	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	36151	5.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.00%
7) Chloroethane-d5	1.59	69	29356	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.20%
11) 1,1-Dichloroethene-d2	2.13	63	58649	4.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.00%
20) 2-Butanone-d5	3.94	46	105819	51.54	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.08%
24) Chloroform-d	4.40	84	91525	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	5.08	65	50589	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.60%
32) Benzene-d6	5.10	84	189767	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
36) 1,2-Dichloropropane-d6	6.12	67	54027	5.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.80%
41) Toluene-d8	7.36	98	171867	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
43) trans-1,3-Dichloropropene-	7.67	79	20347	4.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.20%
46) 2-Hexanone-d5	8.13	63	86444	51.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.78%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	37185	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	67763	5.57	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.40%

Target Compounds

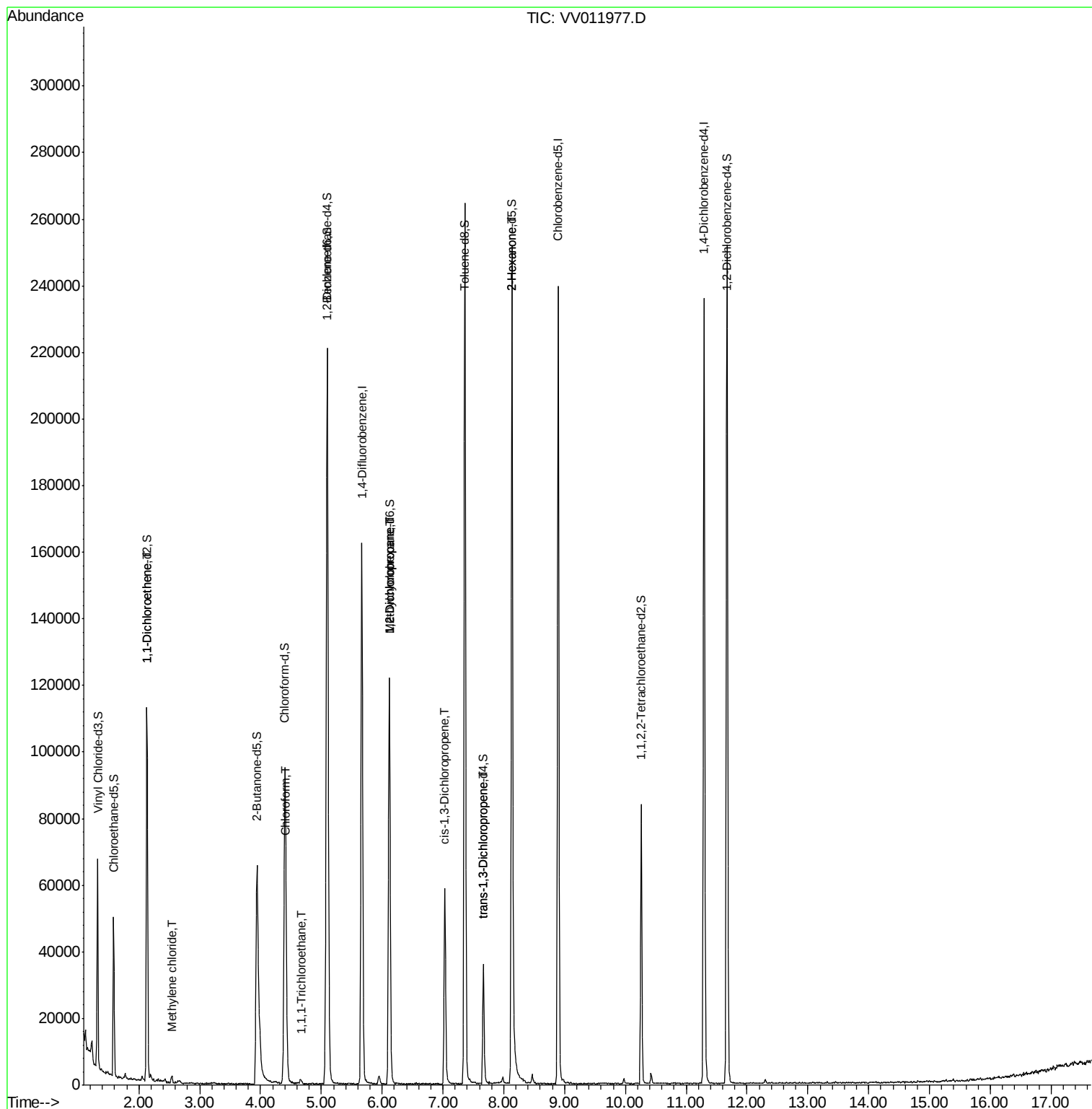
					Qvalue	
12) 1,1-Dichloroethene	2.13	96	710	0.115	ug/L #	1
16) Methylene chloride	2.54	84	770	0.112	ug/L	88
25) Chloroform	4.43	83	7431	0.364	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	1161	0.070	ug/L #	39
35) Methylcyclohexane	6.12	83	14559	0.885	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	6712	0.734	ug/L #	84
39) cis-1,3-Dichloropropene	7.03	75	1538	0.113	ug/L #	54
44) trans-1,3-Dichloropropene	7.67	75	1046	0.097	ug/L	83
48) 2-Hexanone	8.13	43	11229	3.132	ug/L #	67

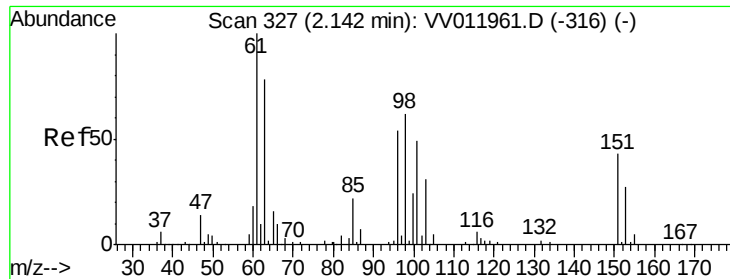
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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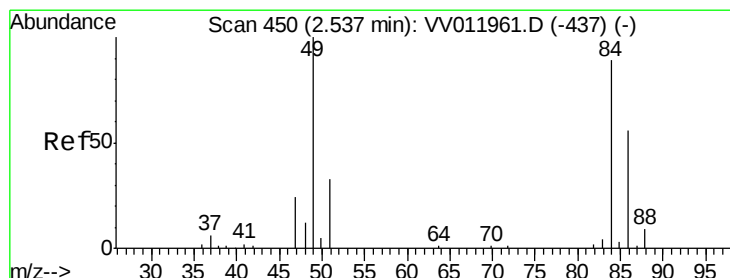
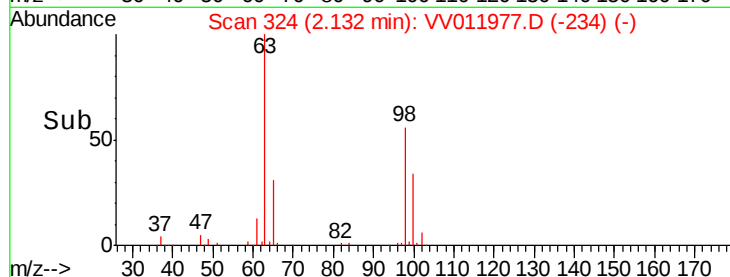
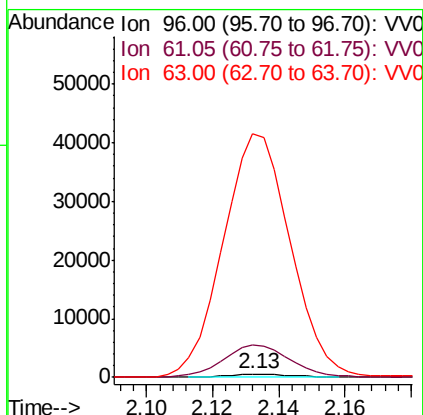
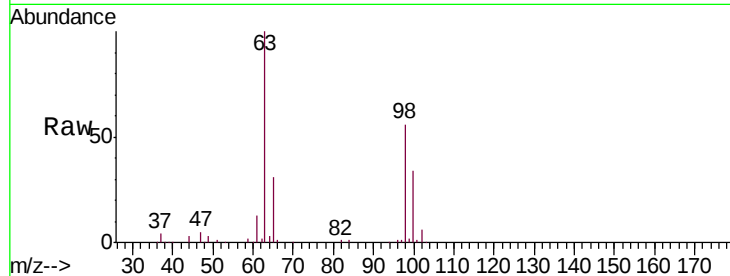




#12
 1,1-Dichloroethene
 Concen: 0.115 ug/L
 RT: 2.13 min Scan# 324
 Delta R.T. -0.01 min
 Lab File: VV011977.D
 Acq: 23 Jul 2019 20:51

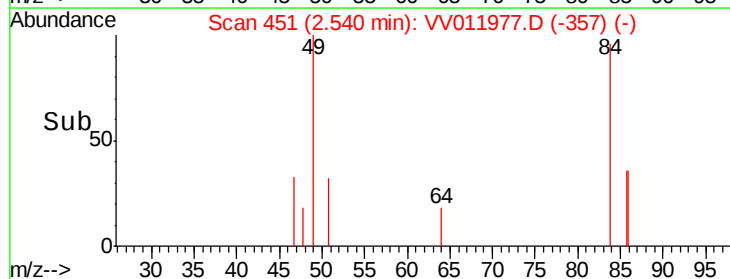
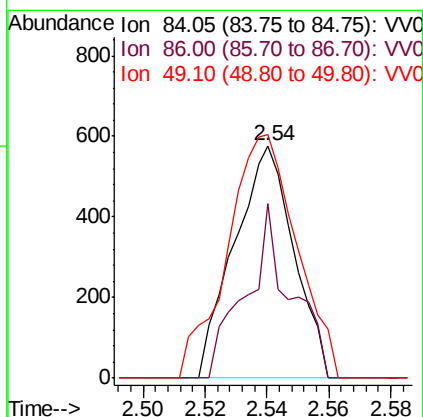
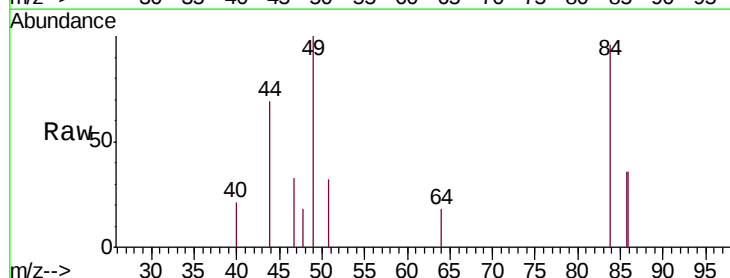
Instrument :
 MSVOA_V
 ClientSampled :
 VIBLK40

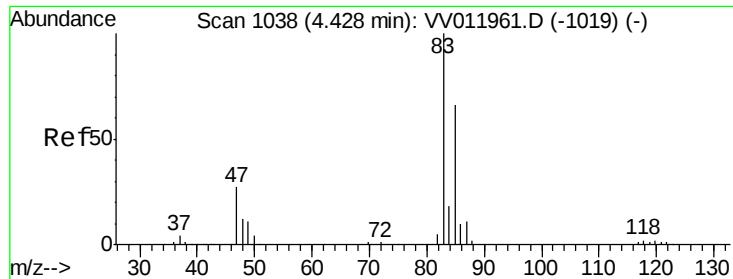
Tgt Ion: 96 Resp: 710
 Ion Ratio Lower Upper
 96 100
 61 1082.3 132.7 246.5#
 63 8062.1 104.0 193.1#



#16
 Methylene chloride
 Concen: 0.112 ug/L
 RT: 2.54 min Scan# 451
 Delta R.T. 0.00 min
 Lab File: VV011977.D
 Acq: 23 Jul 2019 20:51

Tgt Ion: 84 Resp: 770
 Ion Ratio Lower Upper
 84 100
 86 74.9 47.6 88.4
 49 104.7 84.3 156.5

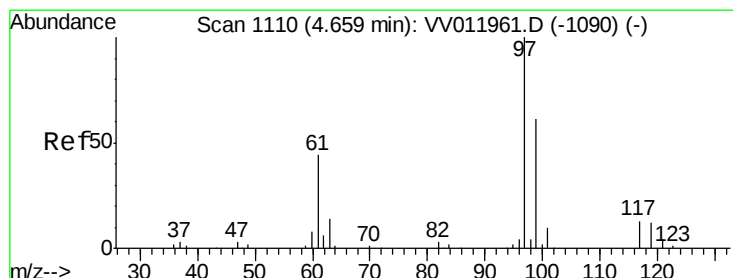
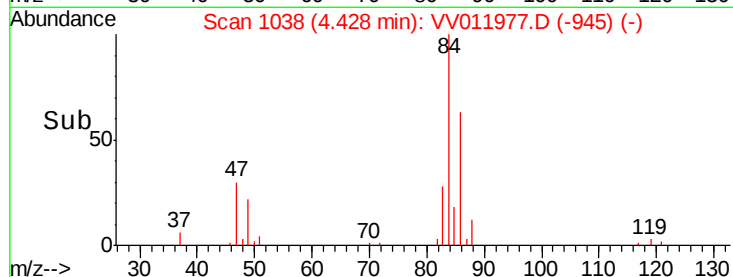
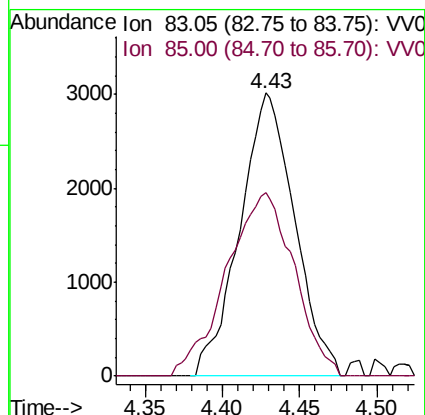
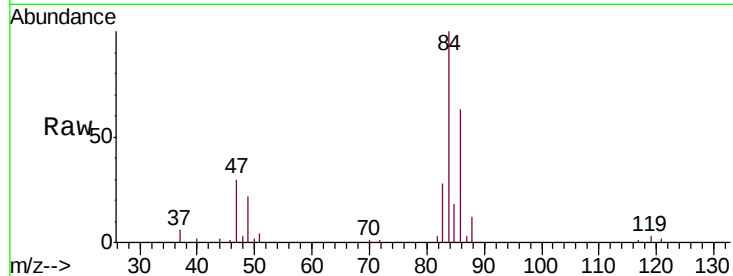




#25
Chloroform
Concen: 0.364 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. -0.00 min
Lab File: VV011977.D
Acq: 23 Jul 2019 20:51

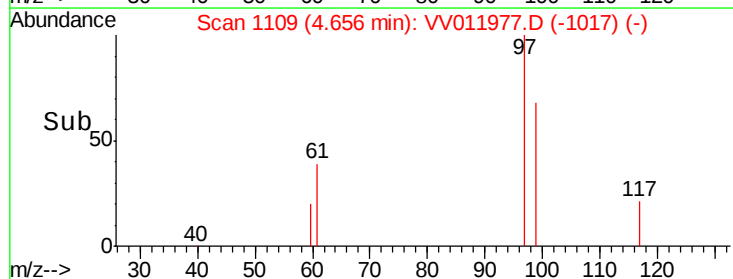
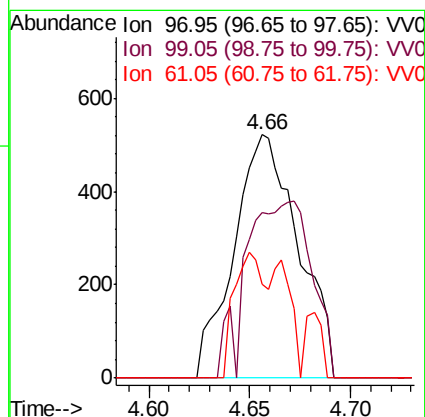
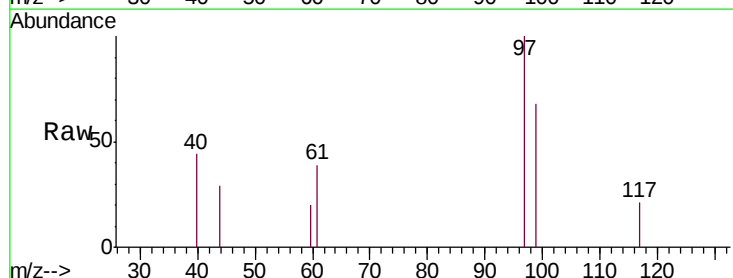
Instrument :
MSVOA_V
ClientSampleId :
VIBLK40

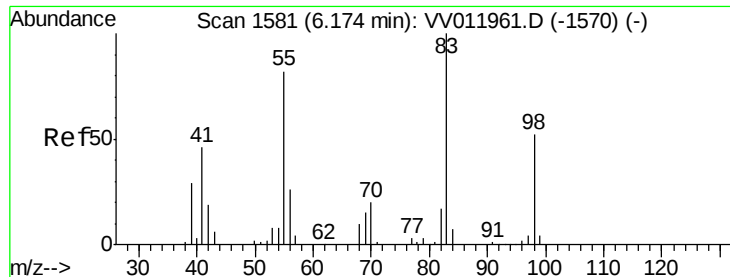
Tgt Ion: 83 Resp: 7431
Ion Ratio Lower Upper
83 100
85 64.8 46.5 86.3



#29
1,1,1-Trichloroethane
Concen: 0.070 ug/L
RT: 4.66 min Scan# 1109
Delta R.T. -0.00 min
Lab File: VV011977.D
Acq: 23 Jul 2019 20:51

Tgt Ion: 97 Resp: 1161
Ion Ratio Lower Upper
97 100
99 0.0 51.7 77.5#
61 25.3 35.1 52.7#

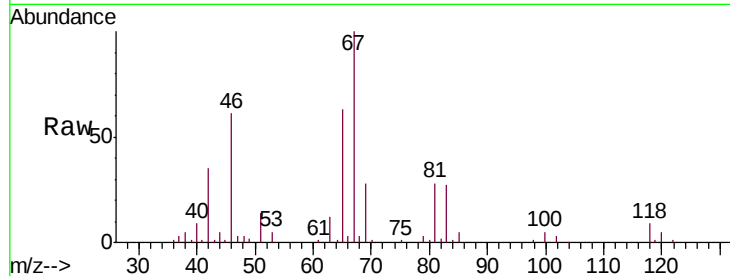




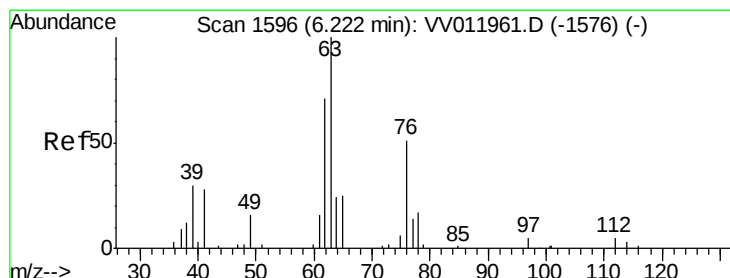
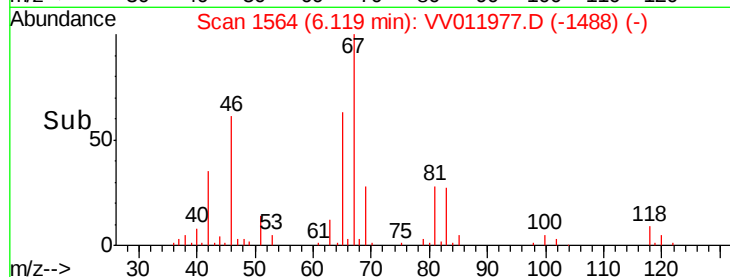
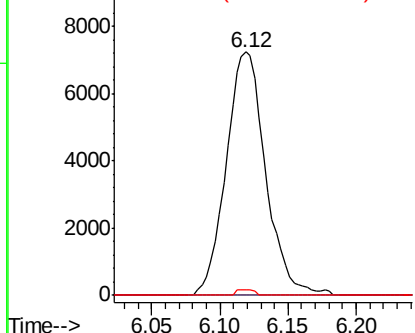
#35
Methylcyclohexane
Concen: 0.885 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV011977.D
Acq: 23 Jul 2019 20:51

Instrument :
MSVOA_V
ClientSampleId :
VIBLK40

Tgt Ion: 83 Resp: 14559
Ion Ratio Lower Upper
83 100
55 0.0 63.0 94.4#
98 1.0 41.4 62.0#

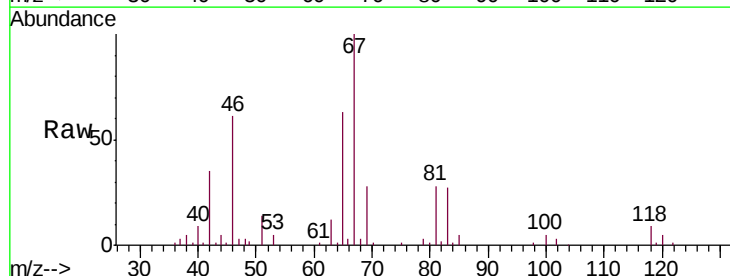


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

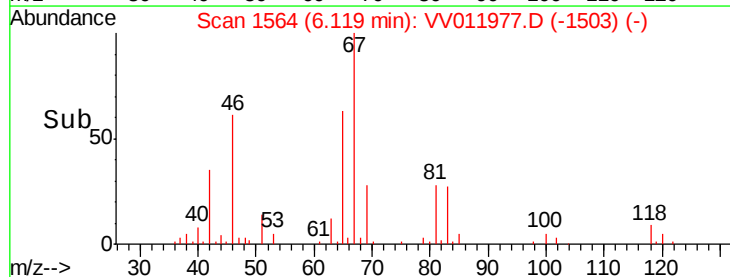
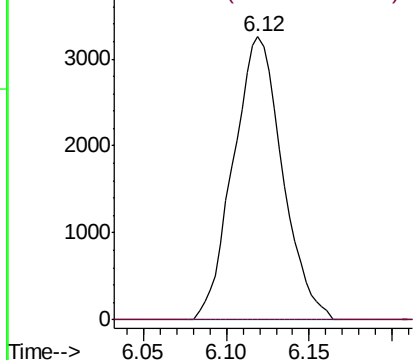


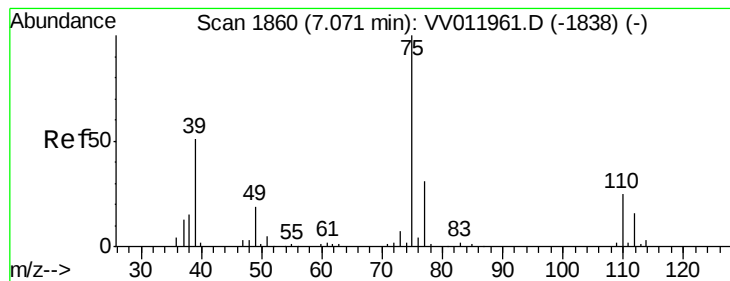
#37
1,2-Dichloropropane
Concen: 0.734 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV011977.D
Acq: 23 Jul 2019 20:51

Tgt Ion: 63 Resp: 6712
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#



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



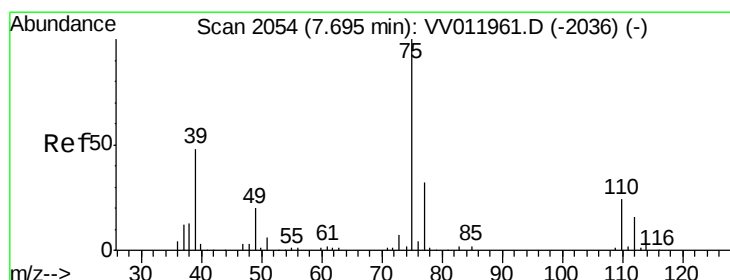
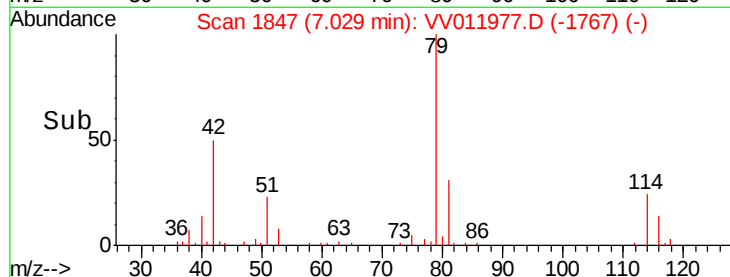
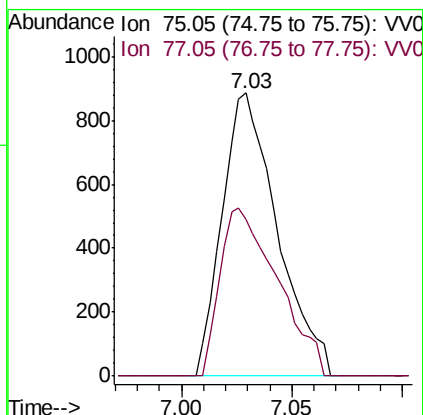
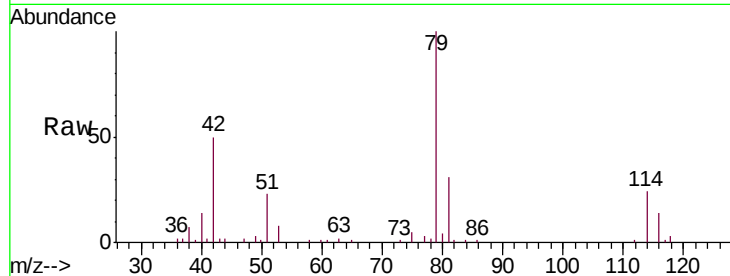


#39

cis-1,3-Dichloropropene
Concen: 0.113 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV011977.D
Acq: 23 Jul 2019 20:51

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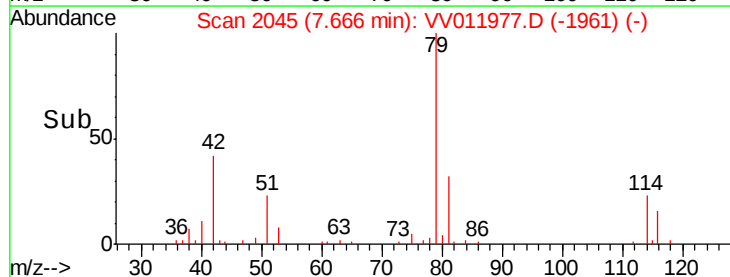
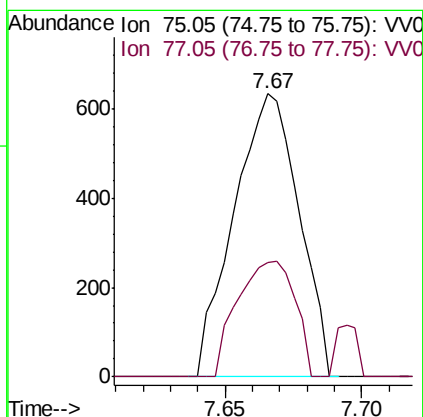
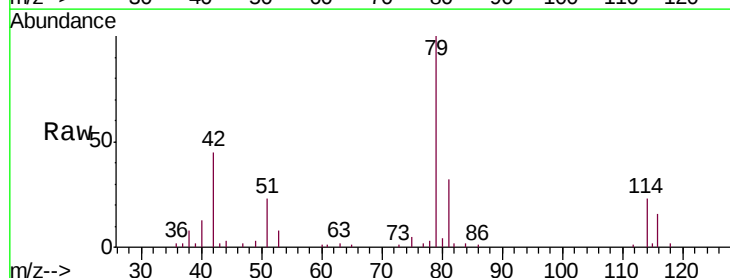
Tgt Ion: 75 Resp: 1538
Ion Ratio Lower Upper
75 100
77 55.5 21.3 39.6#

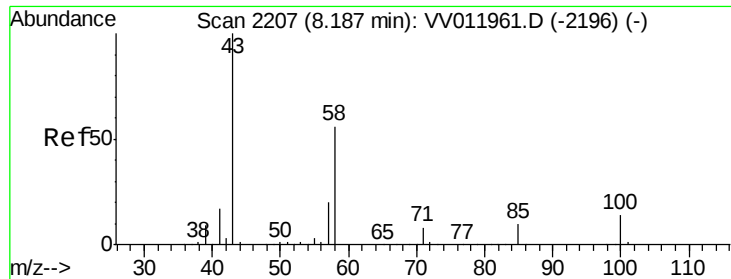


#44

trans-1,3-Dichloropropene
Concen: 0.097 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV011977.D
Acq: 23 Jul 2019 20:51

Tgt Ion: 75 Resp: 1046
Ion Ratio Lower Upper
75 100
77 40.6 22.0 40.8





#48
 2-Hexanone
 Concen: 3.132 ug/L
 RT: 8.13 min Scan# 2190
 Delta R.T. -0.05 min
 Lab File: VV011977.D
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Instrument :
 MSVOA_V
 ClientSampleId :
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Tgt Ion:	43	Resp:	11229
Ion	Ratio	Lower	Upper
43	100		
58	28.2	43.7	65.5#
57	29.7	16.0	24.0#
100	0.2	10.5	15.7#

