

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042320\
 Data File : VV015658.D
 Acq On : 23 Apr 2020 13:26
 Operator : SY/MD
 Sample : L2390-01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 24 03:31:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 24 03:28:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	118721	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	114222	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	55443	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	31129	5.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.40%
7) Chloroethane-d5	1.57	69	31616	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.80%
11) 1,1-Dichloroethene-d2	2.11	63	49630	3.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.00%
20) 2-Butanone-d5	3.94	46	110755	55.60	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.20%
24) Chloroform-d	4.37	84	72609	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.06	65	44864	5.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.00%
32) Benzene-d6	5.07	84	143130	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
36) 1,2-Dichloropropane-d6	6.09	67	47561	5.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.20%
41) Toluene-d8	7.34	98	131741	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
43) trans-1,3-Dichloropropene-	7.64	79	15195	4.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
46) 2-Hexanone-d5	8.11	63	84775	51.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.22%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	33572	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	51067	5.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.40%

Target Compounds

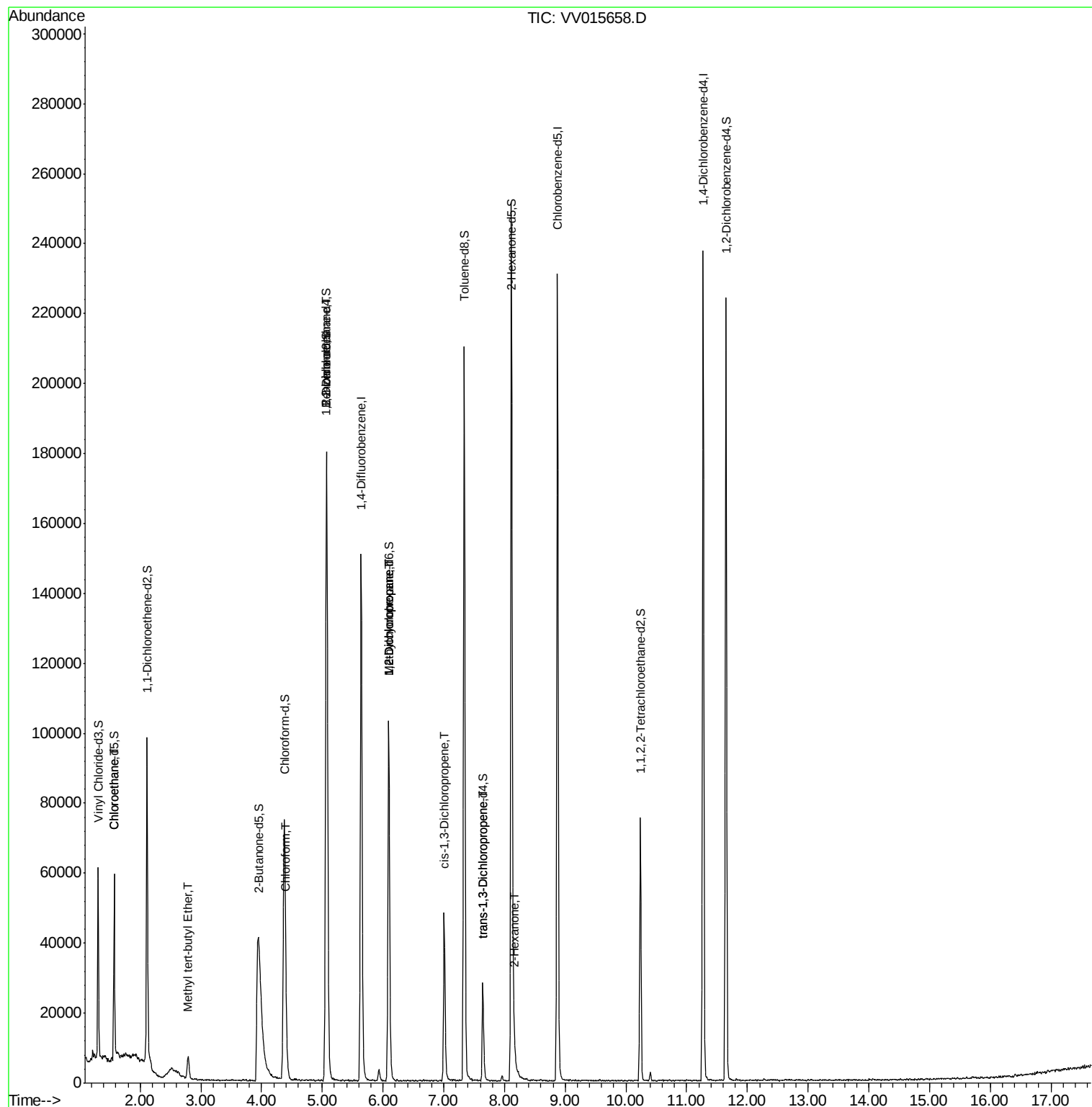
					Ovalue
8) Chloroethane	1.58	64	1199	0.194	ug/L 86
17) Methyl tert-butyl Ether	2.79	73	6149	0.317	ug/L 97
25) Chloroform	4.41	83	11589	0.719	ug/L 99
27) 1,2-Dichloroethane	5.07	62	1153	0.109	ug/L # 78
35) Methylcyclohexane	6.10	83	11682	0.845	ug/L # 16
37) 1,2-Dichloropropane	6.09	63	5915	0.713	ug/L # 86
39) cis-1,3-Dichloropropene	7.01	75	1415	0.122	ug/L # 65
44) trans-1,3-Dichloropropene	7.64	75	918	0.094	ug/L # 80
48) 2-Hexanone	8.16	43	3586	0.934	ug/L # 45

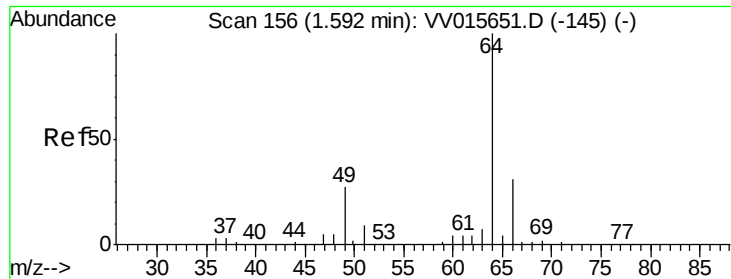
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
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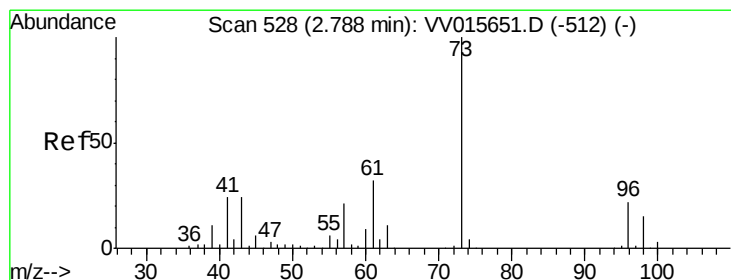
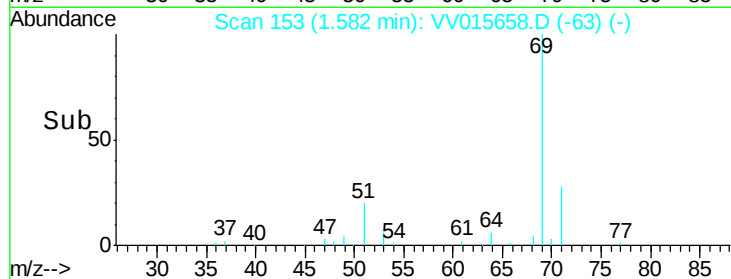
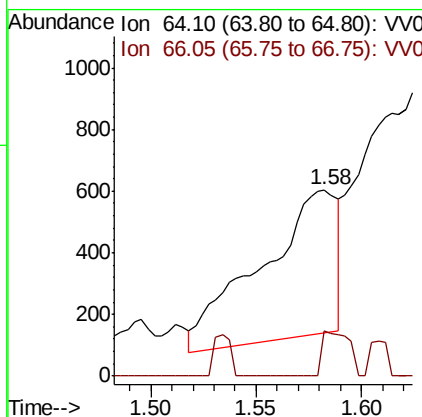
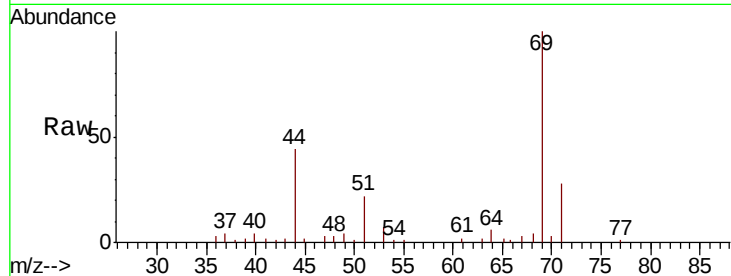




#8
 Chloroethane
 Concen: 0.194 ug/L
 RT: 1.58 min Scan# 153
 Delta R.T. -0.01 min
 Lab File: VV015658.D
 Acq: 23 Apr 2020 13:26

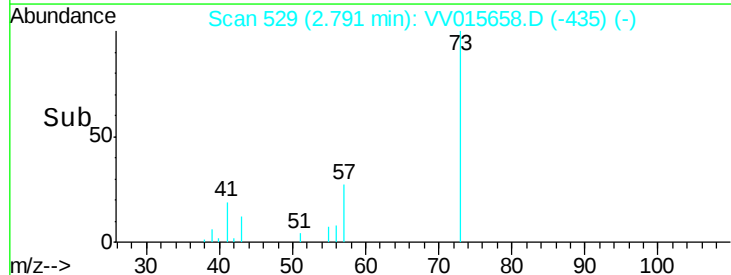
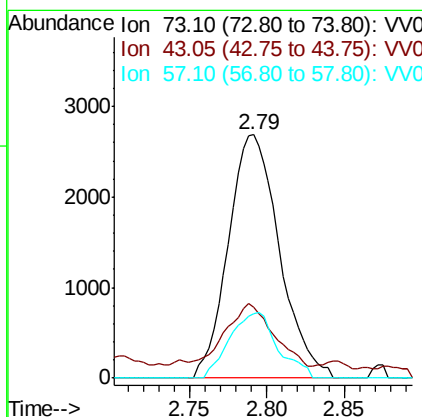
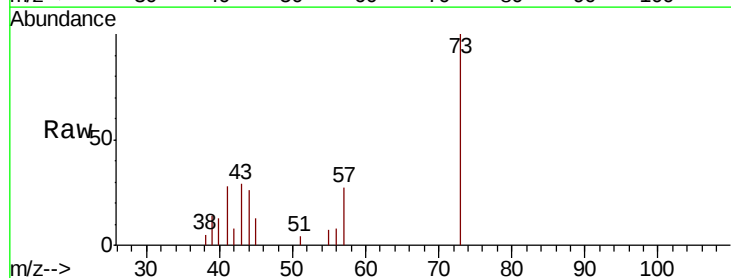
Instrument :
 MSVOA_V
 ClientSampled :

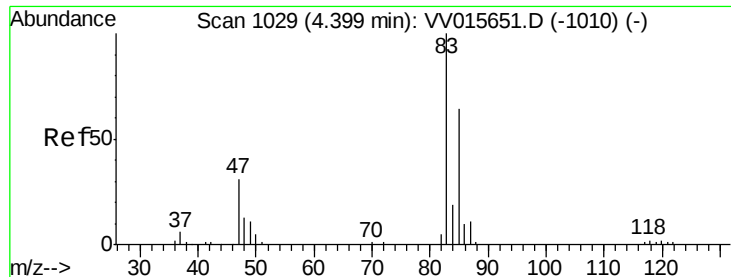
Tot Ion: 64 Resp: 1199
 Ion Ratio Lower Upper
 64 100
 66 24.0 22.3 41.5



#17
 Methyl tert-butyl Ether
 Concen: 0.317 ug/L
 RT: 2.79 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: VV015658.D
 Acq: 23 Apr 2020 13:26

Tgt Ion: 73 Resp: 6149
 Ion Ratio Lower Upper
 73 100
 43 25.5 20.1 30.1
 57 25.3 17.8 26.8

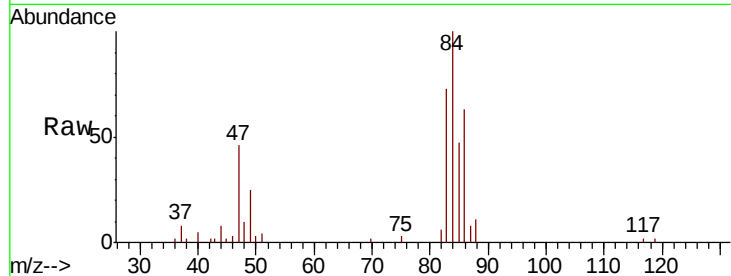




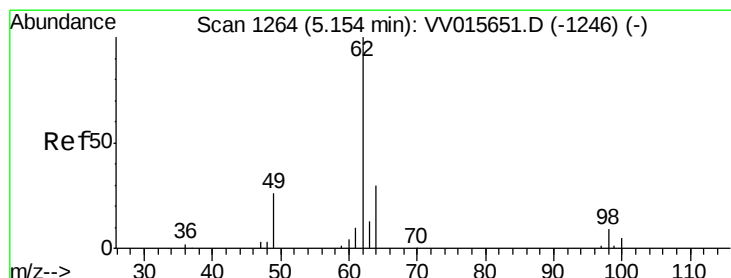
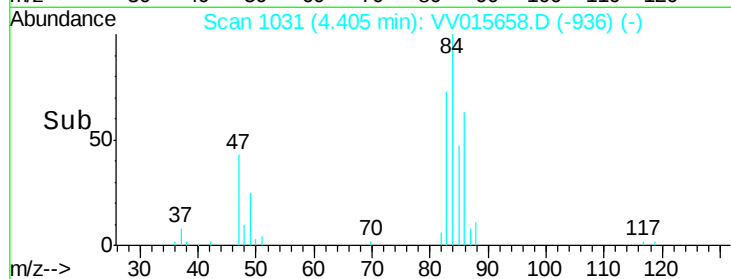
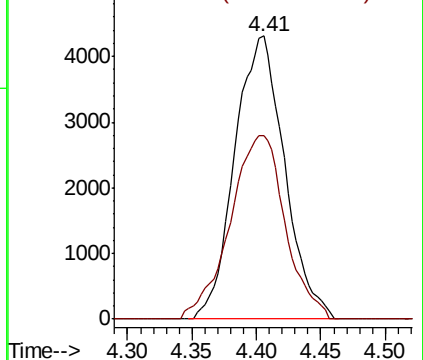
#25
Chloroform
Concen: 0.719 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV015658.D
Acq: 23 Apr 2020 13:26

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 11589
Ion Ratio Lower Upper
83 100
85 64.7 46.1 85.5

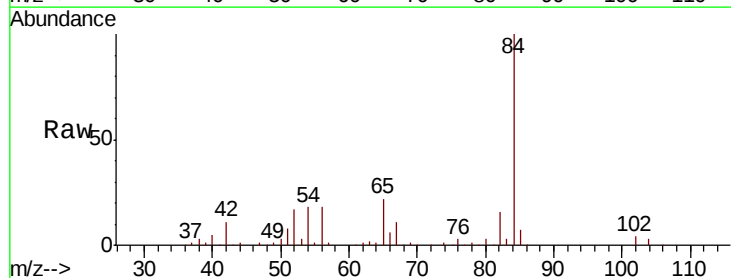


Abundance Ion 83.05 (82.75 to 83.75): VV0
Ion 85.00 (84.70 to 85.70): VV0

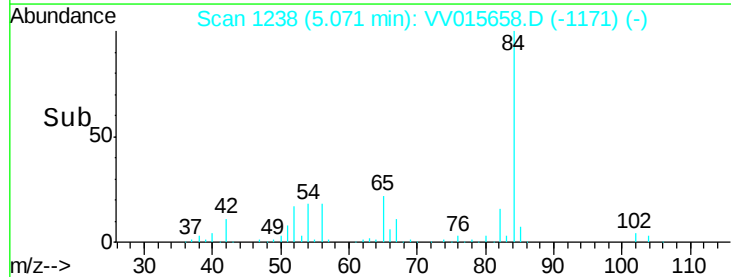
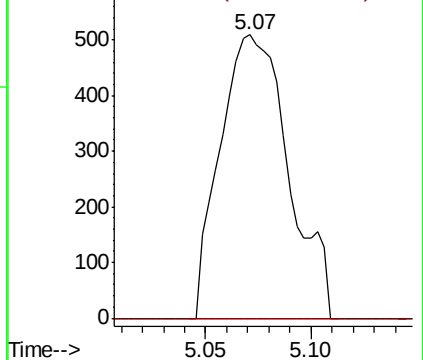


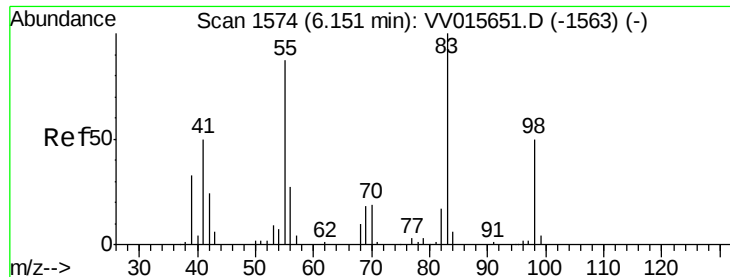
#27
1,2-Dichloroethane
Concen: 0.109 ug/L
RT: 5.07 min Scan# 1238
Delta R.T. -0.08 min
Lab File: VV015658.D
Acq: 23 Apr 2020 13:26

Tgt Ion: 62 Resp: 1153
Ion Ratio Lower Upper
62 100
98 0.0 6.3 9.5#



Abundance Ion 62.00 (61.70 to 62.70): VV0
Ion 98.05 (97.75 to 98.75): VV0

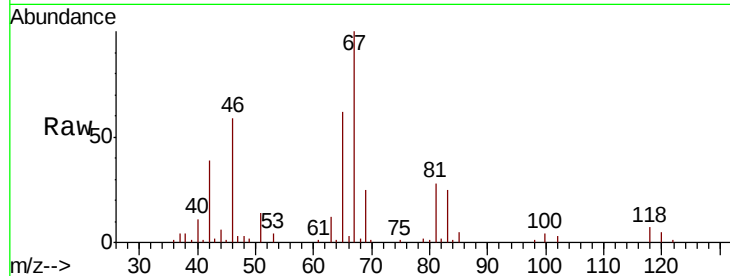




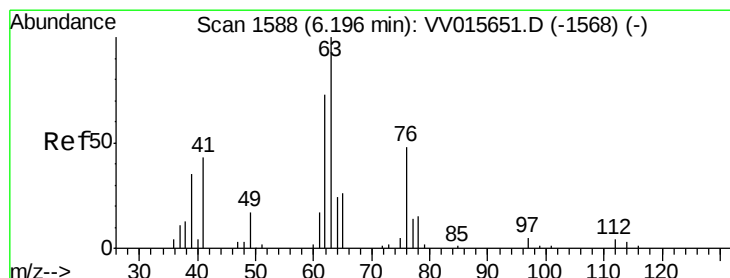
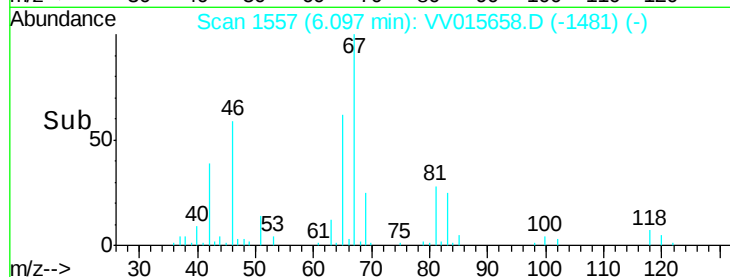
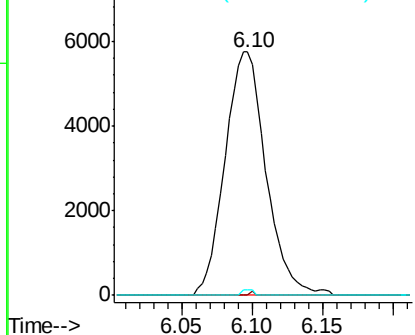
#35
Methvlcvclohexane
Concen: 0.845 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV015658.D
Acq: 23 Apr 2020 13:26

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 11682
Ion Ratio Lower Upper
83 100
55 0.2 66.6 99.8#
98 0.6 39.5 59.3#

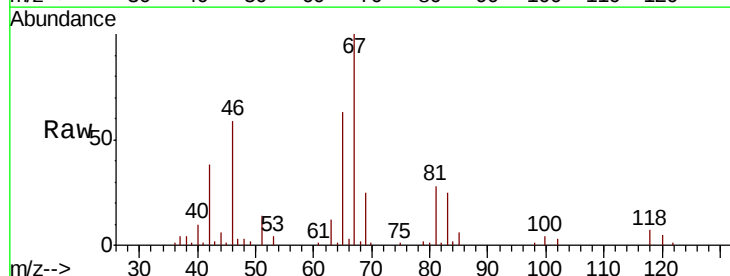


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

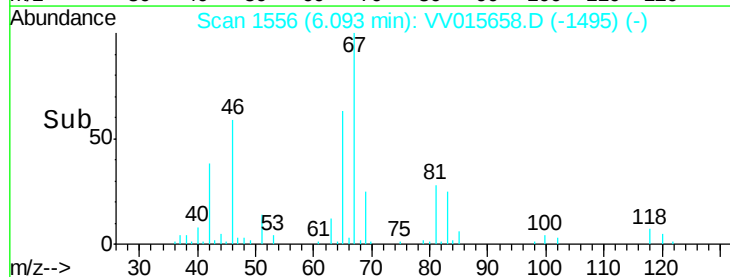
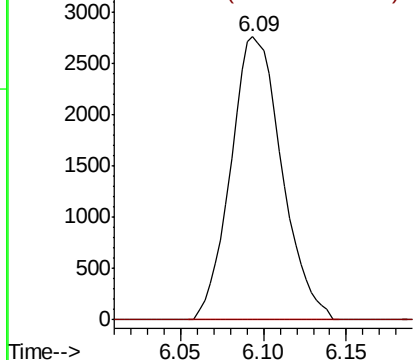


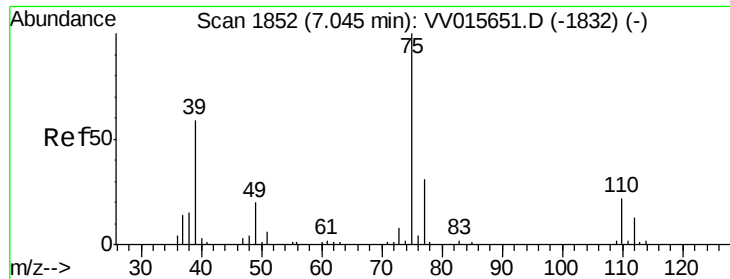
#37
1,2-Dichloropropane
Concen: 0.713 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV015658.D
Acq: 23 Apr 2020 13:26

Tgt Ion: 63 Resp: 5915
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



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

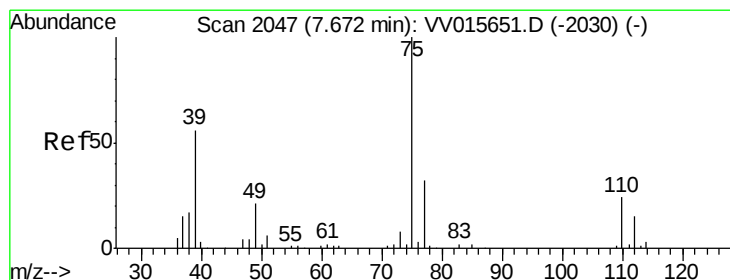
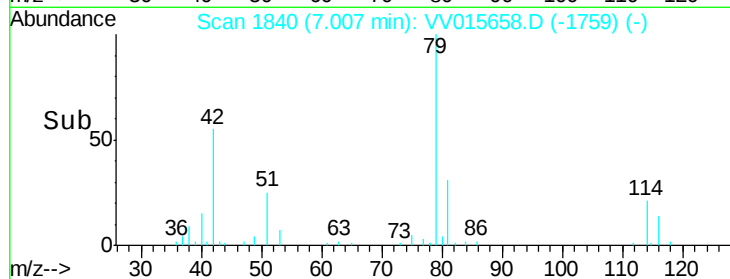
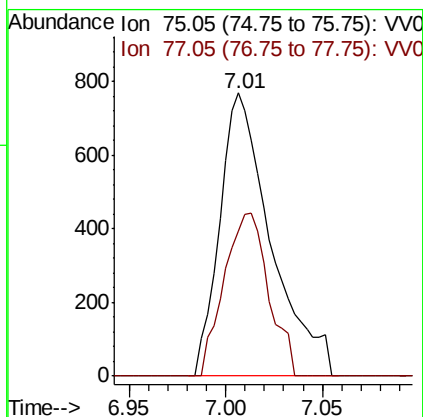
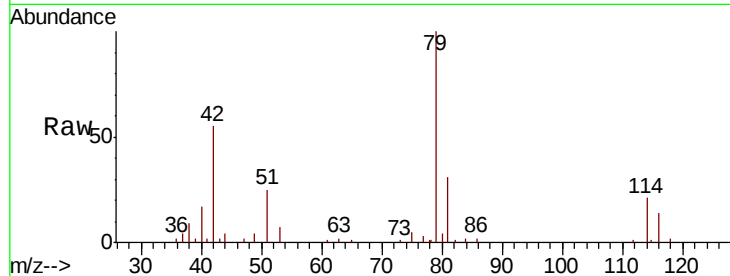




#39
 cis-1,3-Dichloropropene
 Concen: 0.122 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV015658.D
 Acq: 23 Apr 2020 13:26

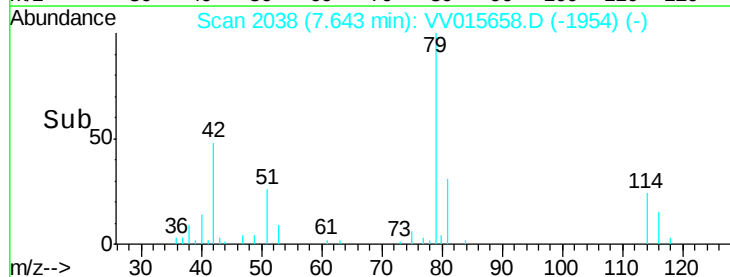
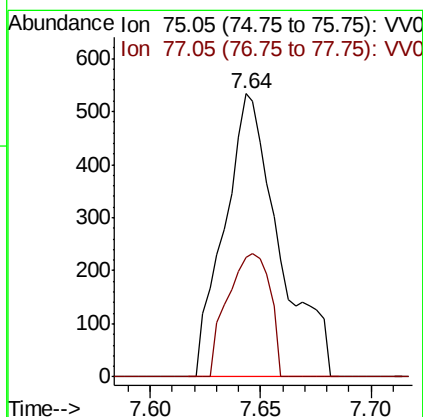
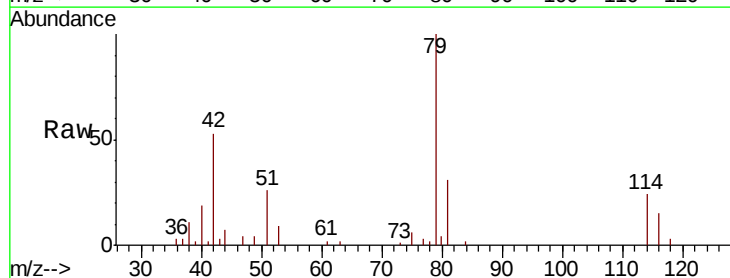
Instrument :
 MSVOA_V
 ClientSampleId :

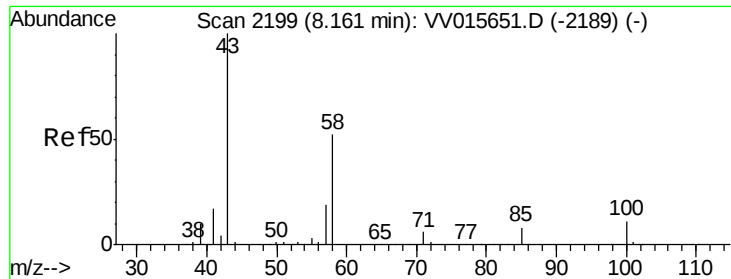
Tot Ion: 75 Resp: 1415
 Ion Ratio Lower Upper
 75 100
 77 51.4 22.3 41.5#



#44
 trans-1,3-Dichloropropene
 Concen: 0.094 ug/L
 RT: 7.64 min Scan# 2038
 Delta R.T. -0.03 min
 Lab File: VV015658.D
 Acq: 23 Apr 2020 13:26

Tgt Ion: 75 Resp: 918
 Ion Ratio Lower Upper
 75 100
 77 42.4 21.8 40.6#





#48
 2-Hexanone
 Concen: 0.934 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.00 min
 Lab File: VV015658.D
 Acq: 23 Apr 2020 13:26

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:	43	Resp:	3586
Ion	Ratio	Lower	Upper
43	100		
58	0.0	41.1	61.7#
57	6.3	15.0	22.4#
100	4.0	9.0	13.4#

