

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042820\
 Data File : VV015763.D
 Acq On : 28 Apr 2020 22:18
 Operator : SY/MD
 Sample : L2421-18
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 29 03:48:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 29 03:36:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	129111	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	126643	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	58576	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23639	3.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.00%
7) Chloroethane-d5	1.58	69	27138	4.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.40%
11) 1,1-Dichloroethene-d2	2.12	63	42580	2.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.60%#
20) 2-Butanone-d5	3.92	46	111339	51.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.78%
24) Chloroform-d	4.38	84	72932	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	5.06	65	42590	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.08	84	134355	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.09	67	44725	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.60%
41) Toluene-d8	7.34	98	116504	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.20%
43) trans-1,3-Dichloropropene-	7.65	79	12816	3.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.60%
46) 2-Hexanone-d5	8.11	63	75027	41.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.38%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	32928	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	47932	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

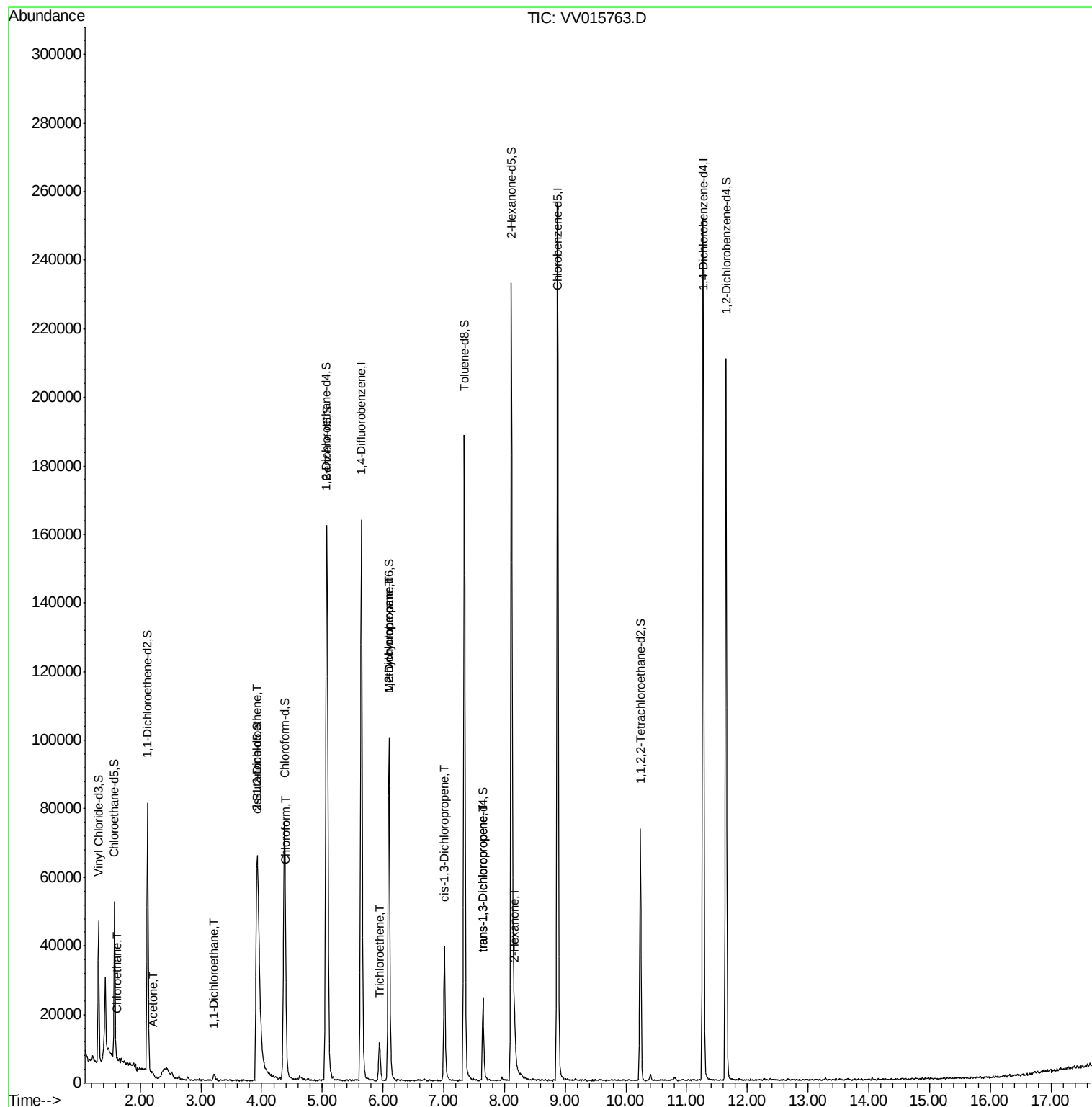
					Ovalue
8) Chloroethane	1.63	64	724	0.108 ug/L #	58
13) Acetone	2.21	43	1805	1.200 ug/L	57
19) 1,1-Dichloroethane	3.21	63	2101	0.127 ug/L	87
22) cis-1,2-Dichloroethene	3.94	96	2809	0.302 ug/L	86
25) Chloroform	4.40	83	3248	0.185 ug/L	94
34) Trichloroethene	5.95	95	3486	0.349 ug/L	97
35) Methylcyclohexane	6.09	83	10989	0.717 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	5740	0.624 ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1314	0.102 ug/L #	78
44) trans-1,3-Dichloropropene	7.65	75	811	0.075 ug/L #	81
48) 2-Hexanone	8.17	43	7035	1.653 ug/L #	95

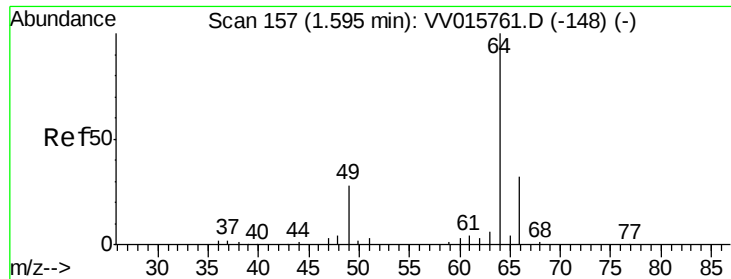
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV042820\
Data File : VV015763.D
Acq On : 28 Apr 2020 22:18
Operator : SY/MD
Sample : L2421-18
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Apr 29 03:48:12 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Apr 29 03:36:29 2020
Response via : Initial Calibration

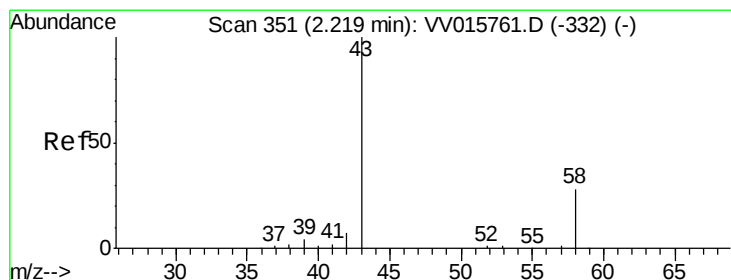
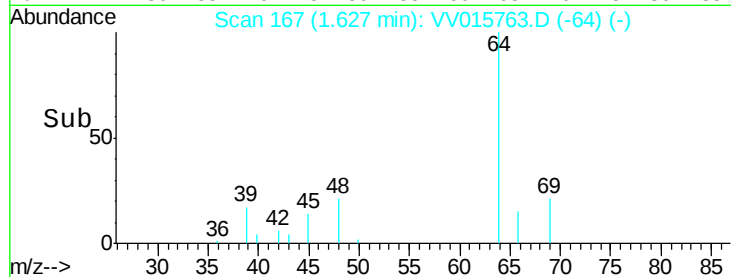
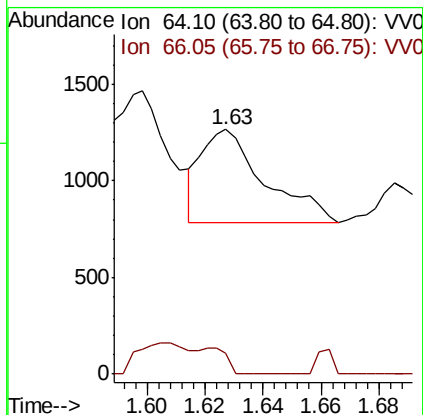
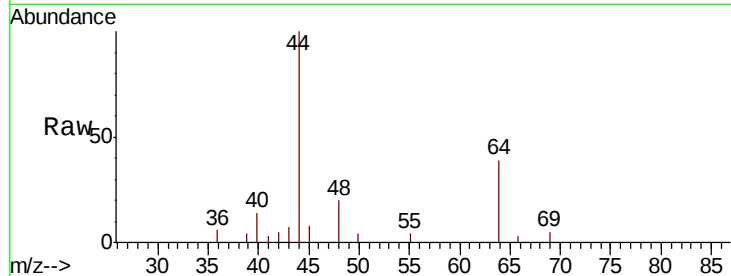




#8
Chloroethane
Concen: 0.108 ug/L
RT: 1.63 min Scan# 167
Delta R.T. 0.03 min
Lab File: VV015763.D
Acq: 28 Apr 2020 22:18

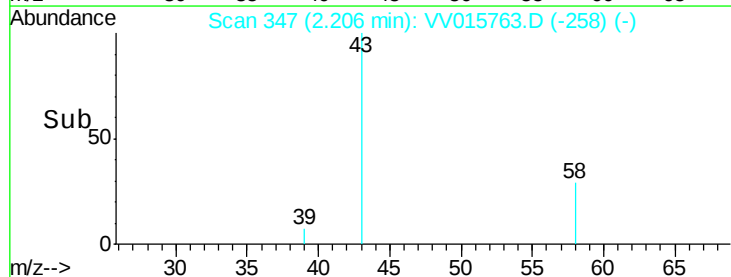
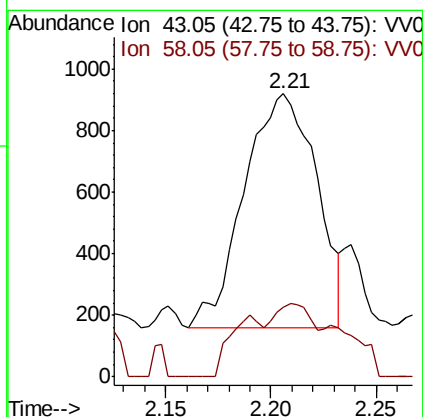
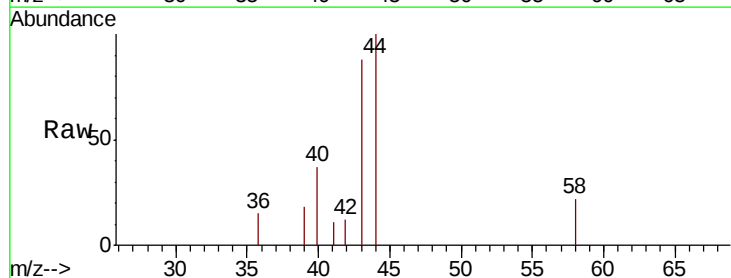
Instrument :
MSVOA_V
ClientSampleId :

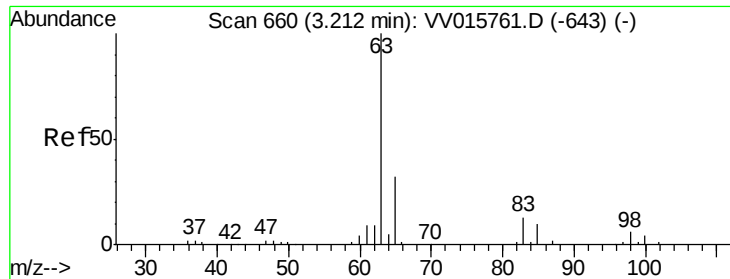
Tot Ion: 64 Resp: 724
Ion Ratio Lower Upper
64 100
66 8.5 22.3 41.5#



#13
Acetone
Concen: 1.200 ug/L
RT: 2.21 min Scan# 347
Delta R.T. -0.01 min
Lab File: VV015763.D
Acq: 28 Apr 2020 22:18

Tgt Ion: 43 Resp: 1805
Ion Ratio Lower Upper
43 100
58 5.9 0.0 57.6

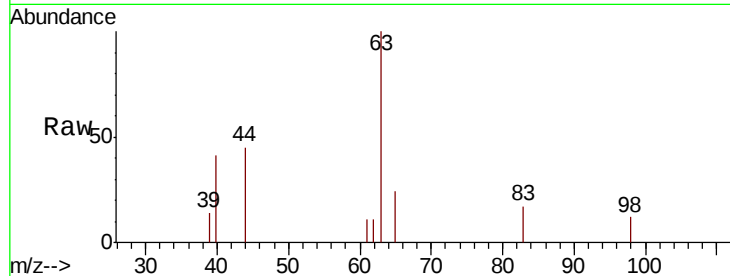




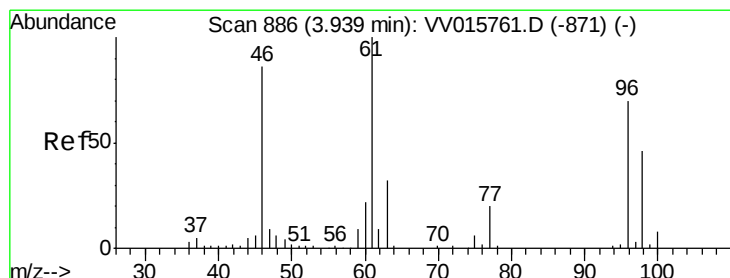
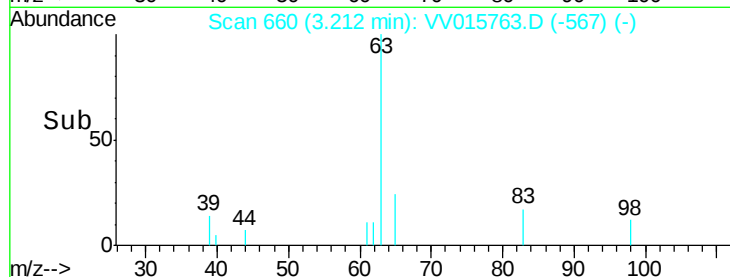
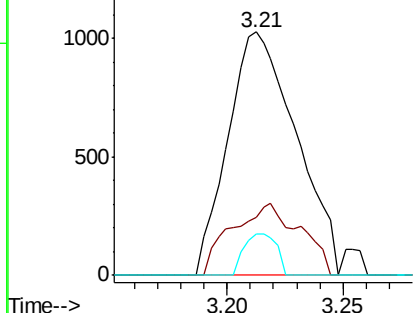
#19
 1,1-Dichloroethane
 Concen: 0.127 ug/L
 RT: 3.21 min Scan# 660
 Delta R.T. 0.00 min
 Lab File: VV015763.D
 Acq: 28 Apr 2020 22:18

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion: 63 Resp: 2101
 Ion Ratio Lower Upper
 63 100
 65 24.0 22.3 41.3
 83 17.2 9.3 17.3

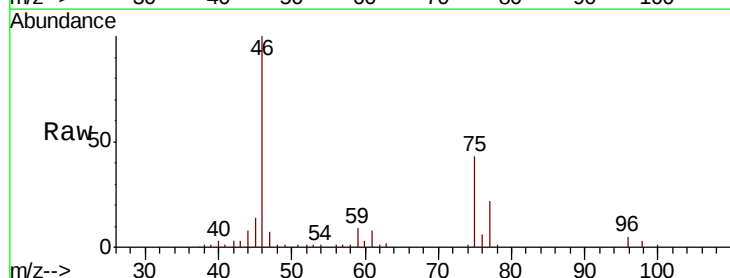


Abundance Ion 63.10 (62.80 to 63.80): VV0
 Ion 65.10 (64.80 to 65.80): VV0
 Ion 83.05 (82.75 to 83.75): VV0

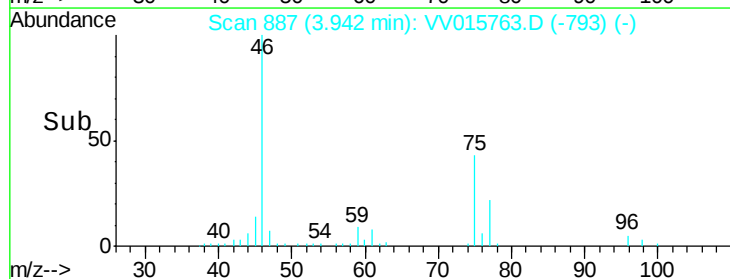
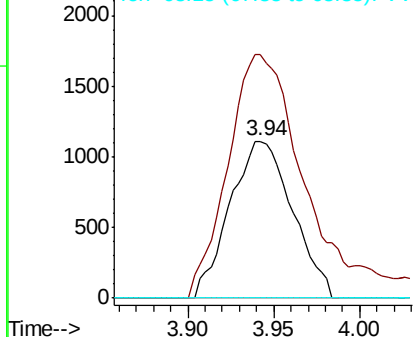


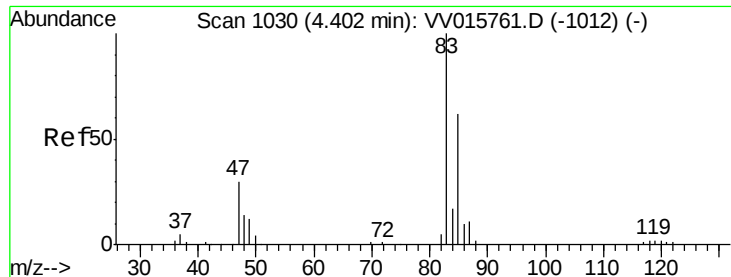
#22
 cis-1,2-Dichloroethene
 Concen: 0.302 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.00 min
 Lab File: VV015763.D
 Acq: 28 Apr 2020 22:18

Tgt Ion: 96 Resp: 2809
 Ion Ratio Lower Upper
 96 100
 61 154.9 96.4 179.0
 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

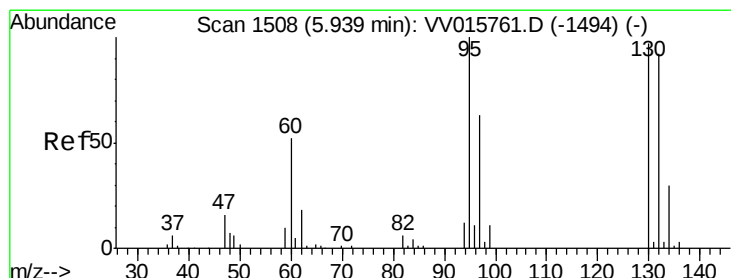
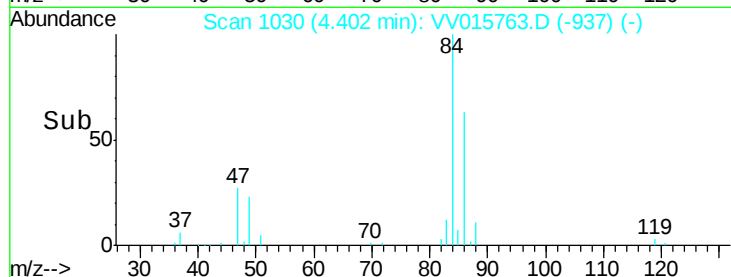
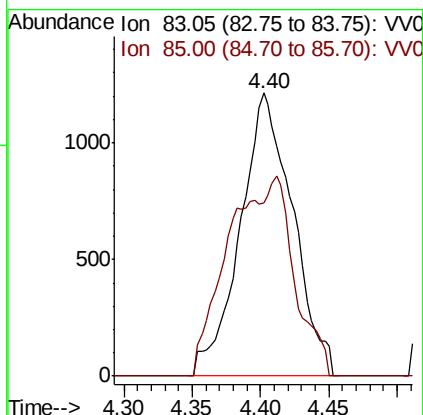
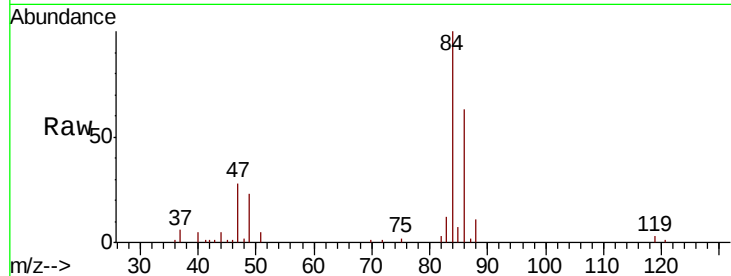




#25
Chloroform
Concen: 0.185 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV015763.D
Acq: 28 Apr 2020 22:18

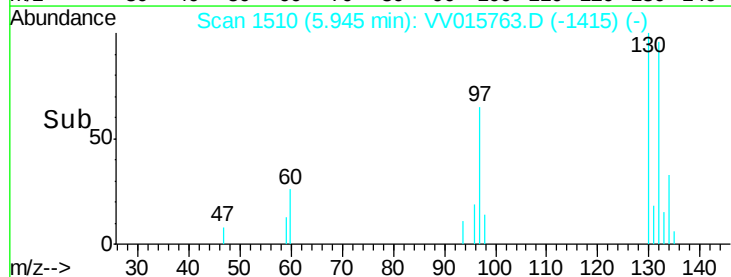
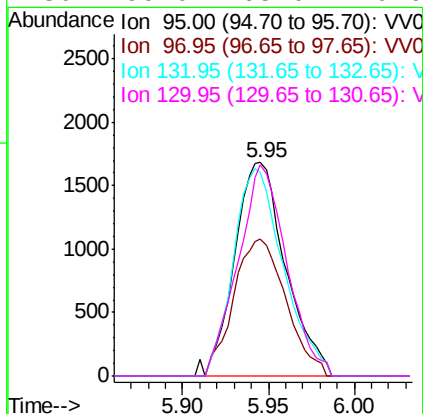
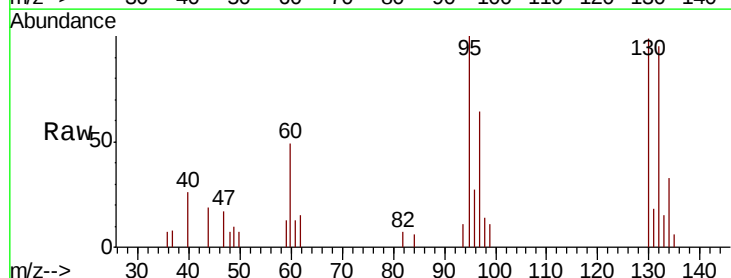
Instrument :
MSVOA_V
ClientSampled :

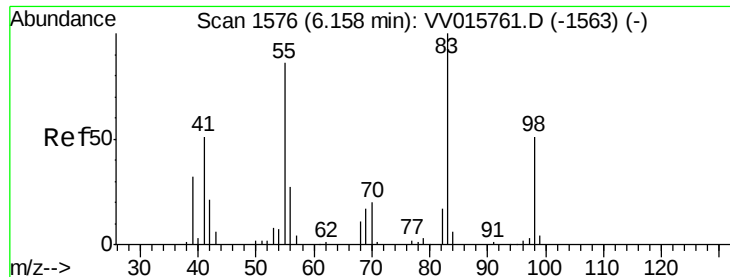
Tot Ion: 83 Resp: 3248
Ion Ratio Lower Upper
83 100
85 61.2 46.1 85.5



#34
Trichloroethene
Concen: 0.349 ug/L
RT: 5.95 min Scan# 1510
Delta R.T. 0.01 min
Lab File: VV015763.D
Acq: 28 Apr 2020 22:18

Tgt Ion: 95 Resp: 3486
Ion Ratio Lower Upper
95 100
97 64.0 44.7 82.9
132 95.5 65.2 121.0
130 99.0 65.0 120.6

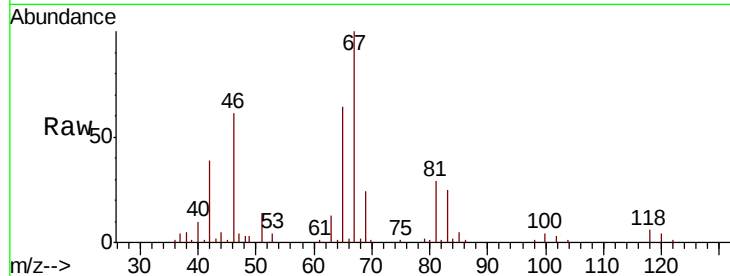




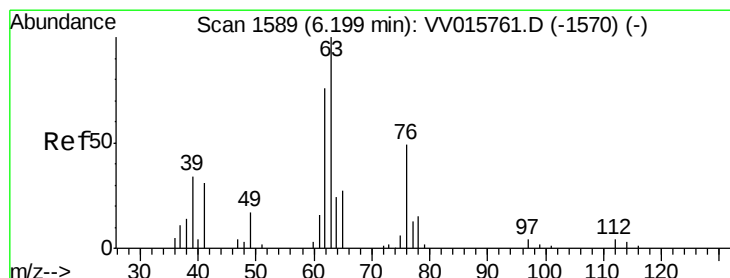
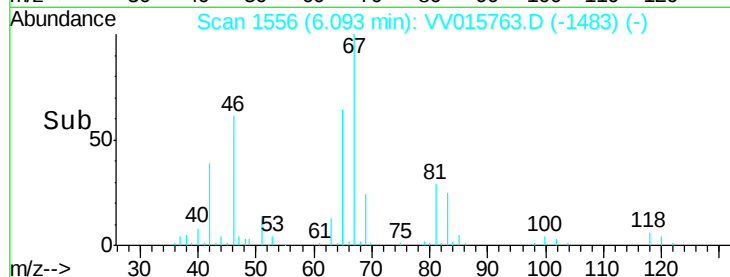
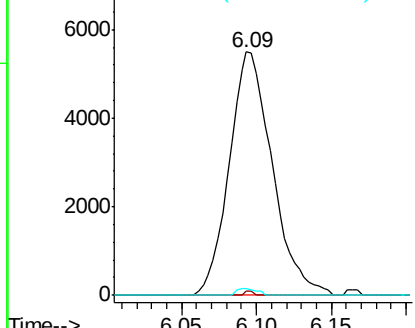
#35
Methvlcvclohexane
Concen: 0.717 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV015763.D
Acq: 28 Apr 2020 22:18

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 10989
Ion Ratio Lower Upper
83 100
55 0.4 66.6 99.8#
98 1.3 39.5 59.3#

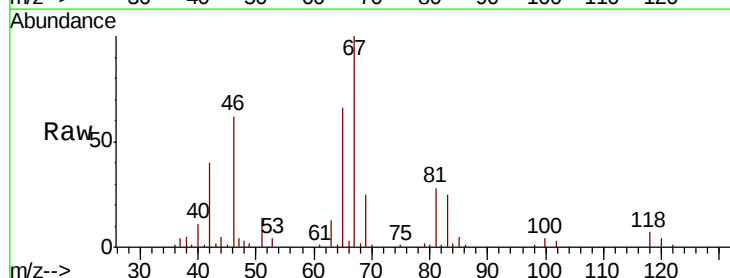


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

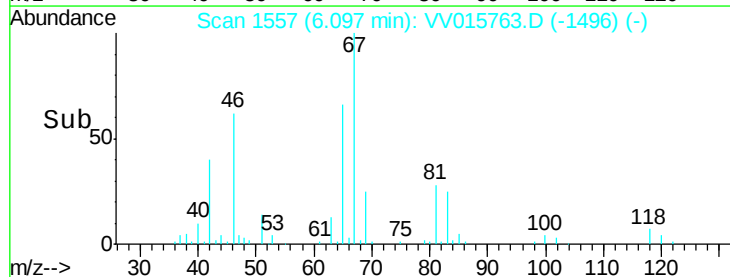
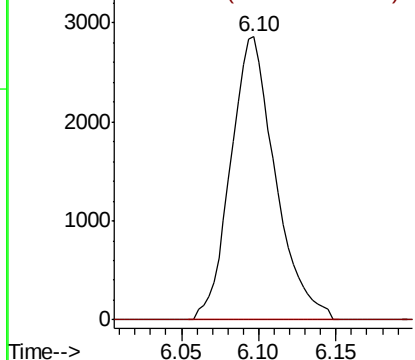


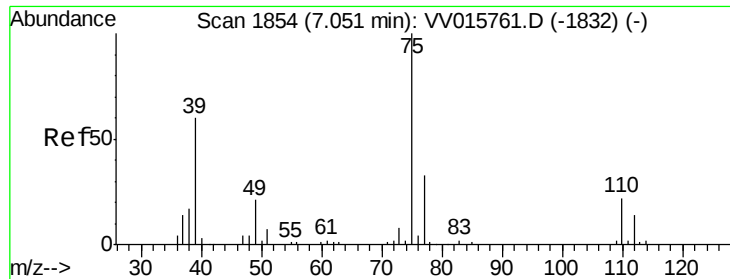
#37
1,2-Dichloropropane
Concen: 0.624 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV015763.D
Acq: 28 Apr 2020 22:18

Tgt Ion: 63 Resp: 5740
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

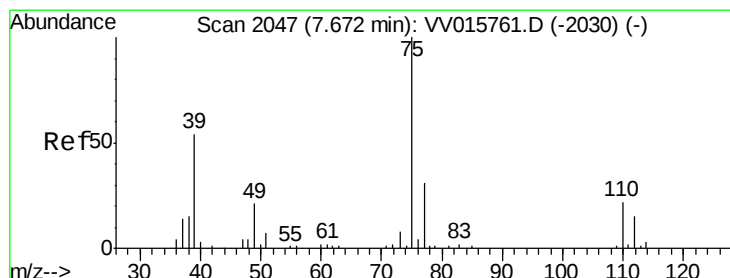
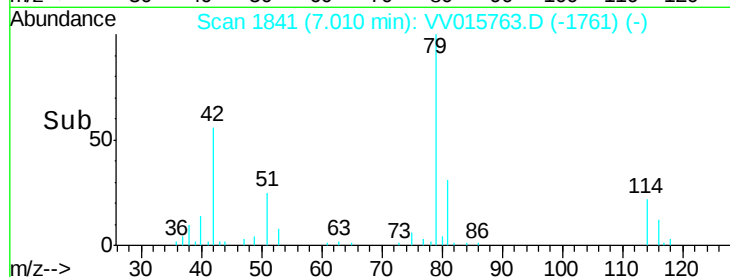
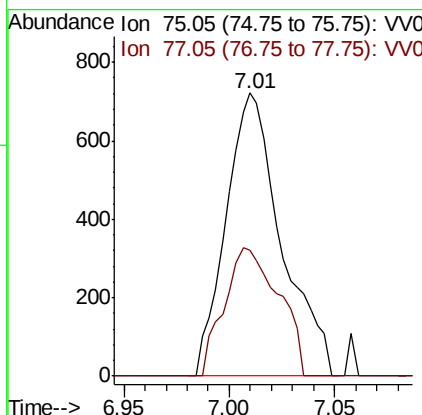
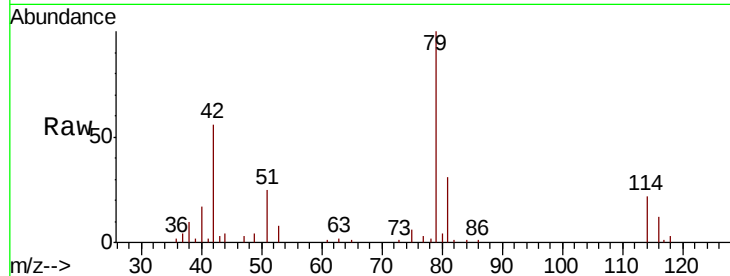




#39
 cis-1,3-Dichloropropene
 Concen: 0.102 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV015763.D
 Acq: 28 Apr 2020 22:18

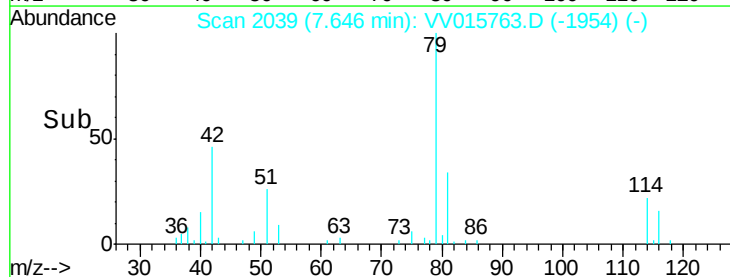
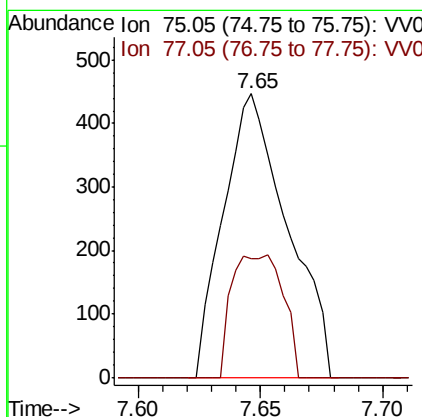
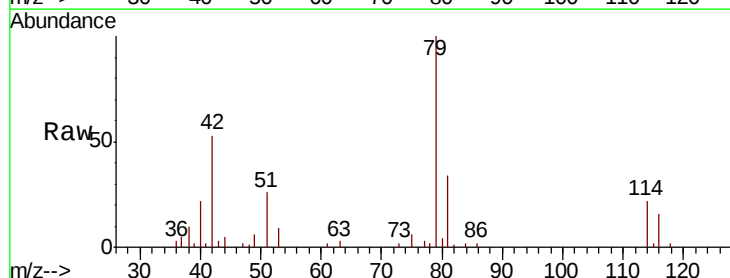
Instrument :
 MSVOA_V
 ClientSampleId :

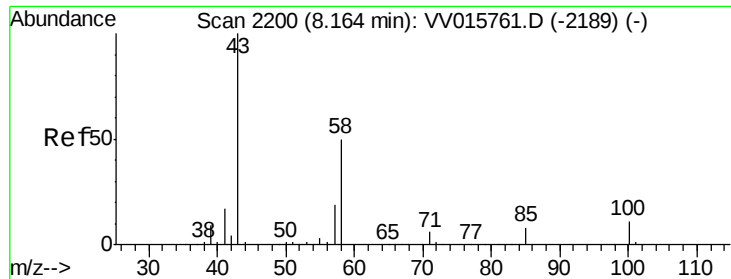
Tot Ion: 75 Resp: 1314
 Ion Ratio Lower Upper
 75 100
 77 44.3 22.3 41.5#



#44
 trans-1,3-Dichloropropene
 Concen: 0.075 ug/L
 RT: 7.65 min Scan# 2039
 Delta R.T. -0.03 min
 Lab File: VV015763.D
 Acq: 28 Apr 2020 22:18

Tgt Ion: 75 Resp: 811
 Ion Ratio Lower Upper
 75 100
 77 41.6 21.8 40.6#





#48

2-Hexanone

Concen: 1.653 ug/L

RT: 8.17 min Scan# 2202

Delta R.T. 0.01 min

Lab File: VV015763.D

Acq: 28 Apr 2020 22:18

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 7035

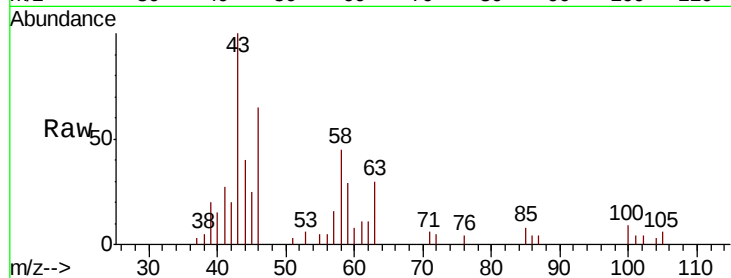
Ion Ratio Lower Upper

43 100

58 49.8 41.1 61.7

57 12.9 15.0 22.4#

100 9.6 9.0 13.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

