

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070220\
 Data File : VV017304.D
 Acq On : 02 Jul 2020 12:37
 Operator : SY/MD
 Sample : L3150-13DL 10000X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 03 01:16:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 03 01:13:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	163174	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	156555	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	71948	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	42681	4.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.20%
7) Chloroethane-d5	1.58	69	33926	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.12	63	71071	3.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.20%
20) 2-Butanone-d5	3.96	46	89777	35.97	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	71.94%
24) Chloroform-d	4.38	84	98304	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.06	65	53779	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.07	84	181759	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
36) 1,2-Dichloropropane-d6	6.10	67	53027	4.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.20%
41) Toluene-d8	7.34	98	161335	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
45) trans-1,3-Dichloropropene-	7.65	79	19717	3.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.80%
48) 2-Hexanone-d5	8.12	63	59761	30.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	61.94%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	32608	4.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	59622	4.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.60%

Target Compounds

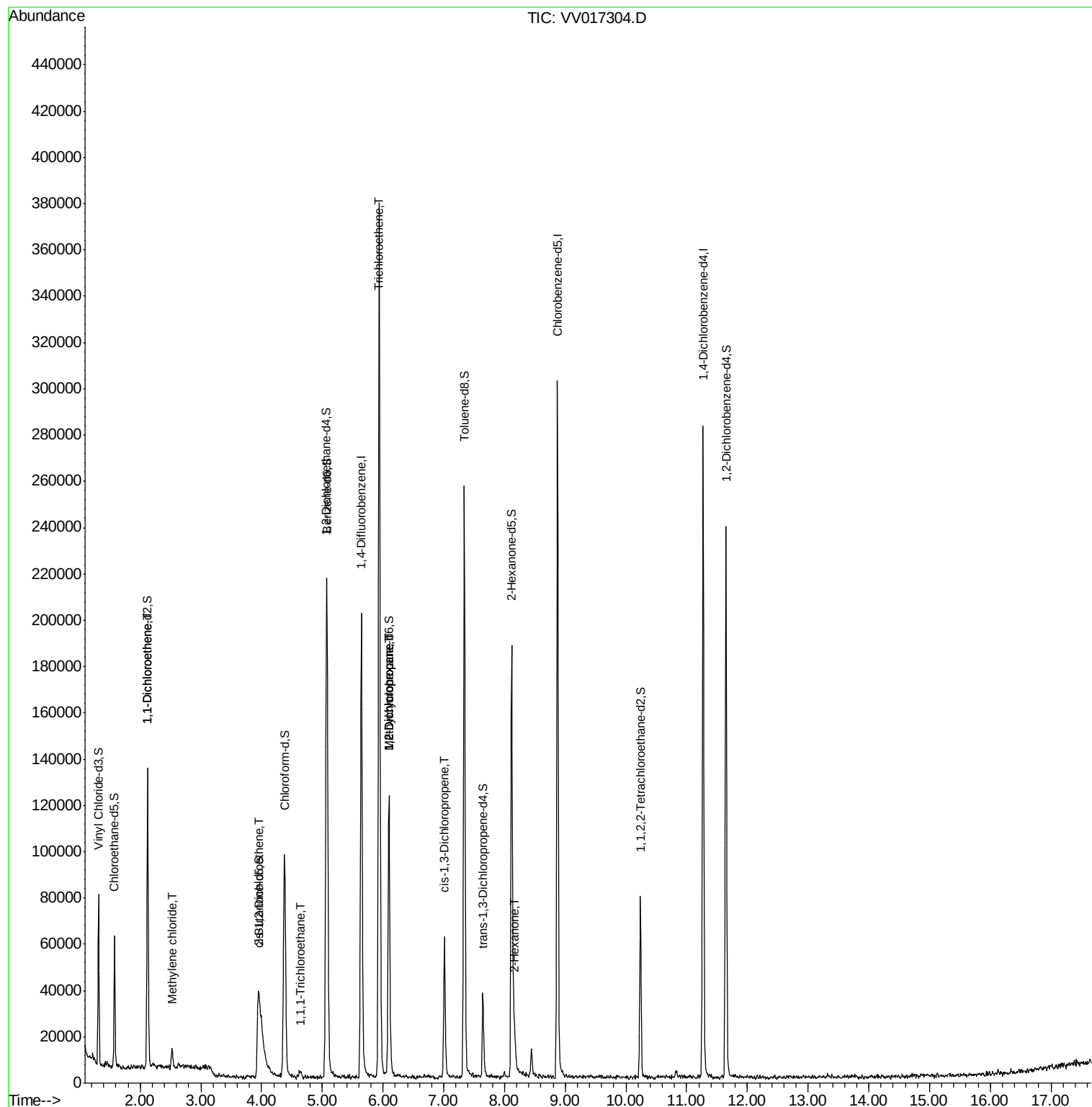
					Ovalue
12) 1,1-Dichloroethene	2.13	96	806	0.103 ug/L #	1
16) Methylene chloride	2.53	84	3375	0.402 ug/L	92
22) cis-1,2-Dichloroethene	3.94	96	5461	0.481 ug/L	84
29) 1,1,1-Trichloroethane	4.64	97	2060	0.110 ug/L	93
34) Trichloroethene	5.94	95	124579	10.377 ug/L	96
35) Methylcyclohexane	6.10	83	14599	0.782 ug/L #	17
37) 1,2-Dichloropropane	6.10	63	7199	0.709 ug/L #	84
39) cis-1,3-Dichloropropene	7.01	75	1692	0.112 ug/L #	38
50) 2-Hexanone	8.17	43	7648	1.834 ug/L #	78

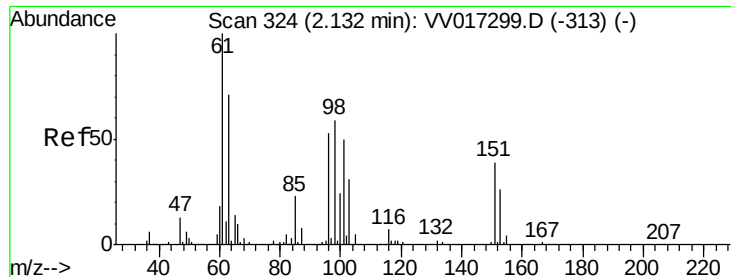
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 03 01:13:36 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.103 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017304.D

Acq: 02 Jul 2020 12:37

Instrument :

MSVOA_V

ClientSampled :

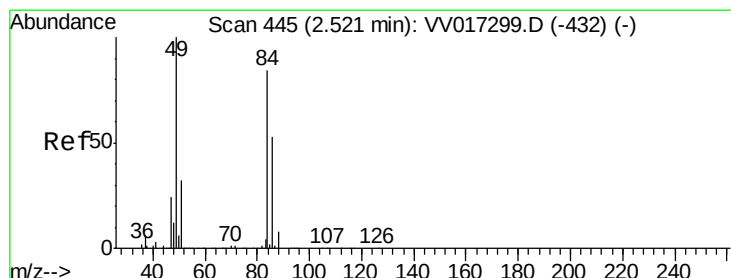
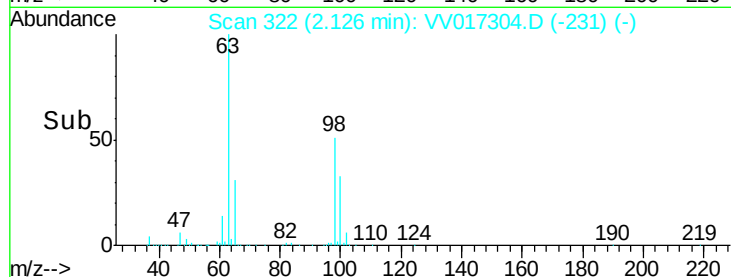
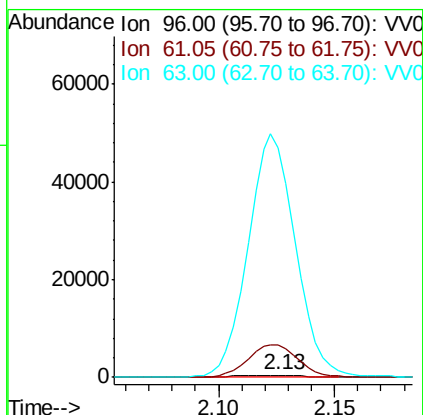
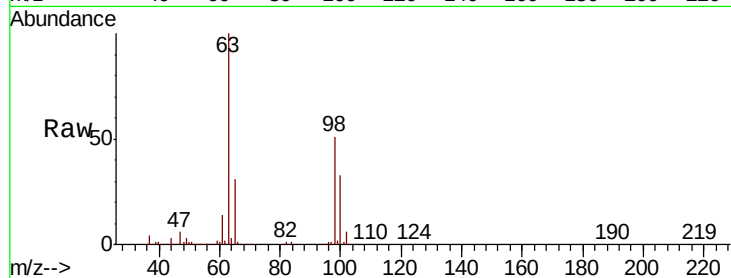
Tot Ion: 96 Resp: 806

Ion Ratio Lower Upper

96 100

61 1677.3 125.0 232.2#

63 11987.8 109.8 203.8#



#16

Methylene chloride

Concen: 0.402 ug/L

RT: 2.53 min Scan# 447

Delta R.T. 0.01 min

Lab File: VV017304.D

Acq: 02 Jul 2020 12:37

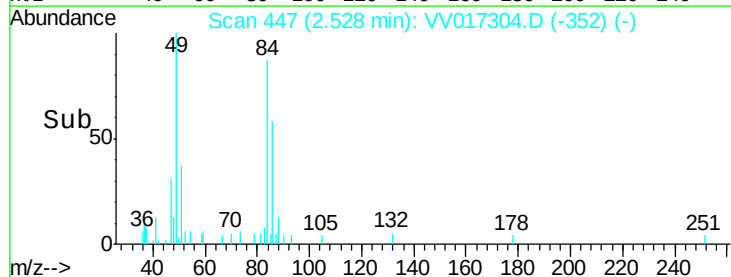
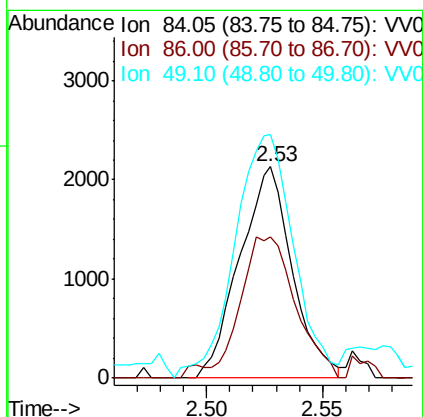
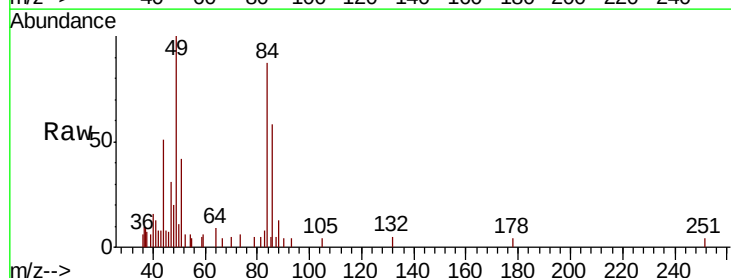
Tgt Ion: 84 Resp: 3375

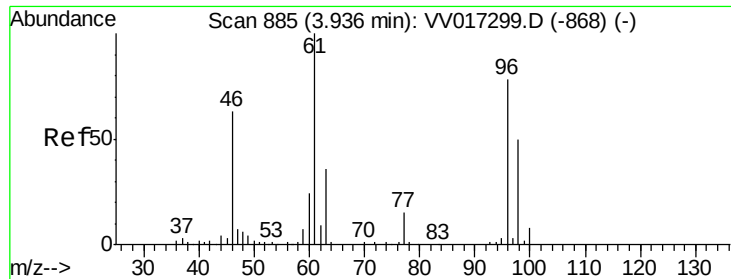
Ion Ratio Lower Upper

84 100

86 66.8 45.8 85.0

49 115.2 89.6 166.4



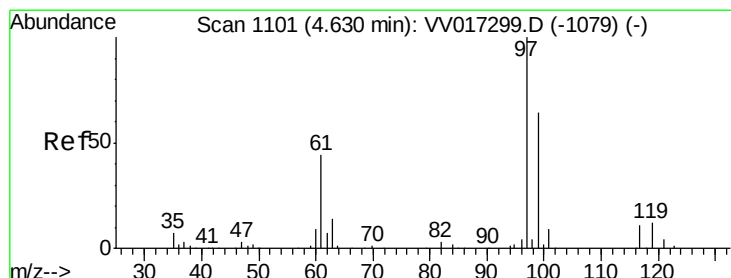
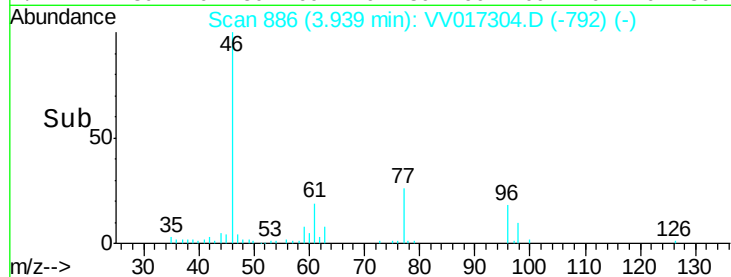
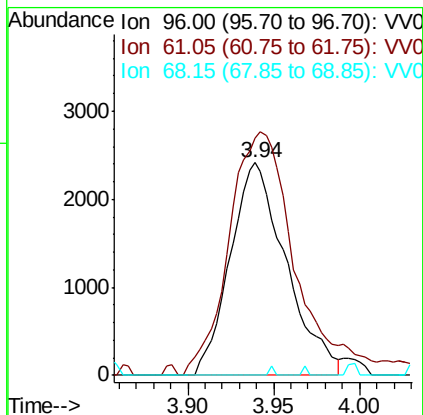
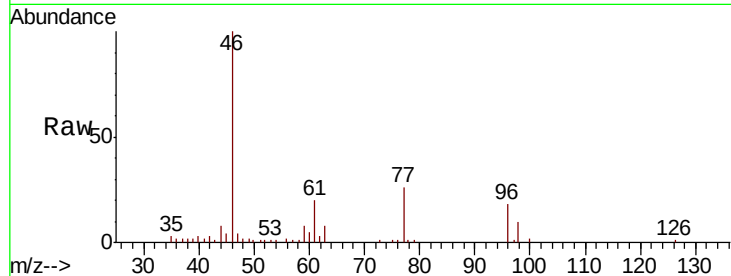


#22

cis-1,2-Dichloroethene
 Concen: 0.481 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: VV017304.D
 Acq: 02 Jul 2020 12:37

Instrument :
 MSVOA_V
 ClientSampled :

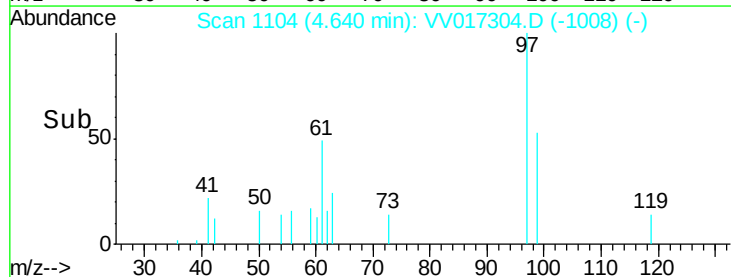
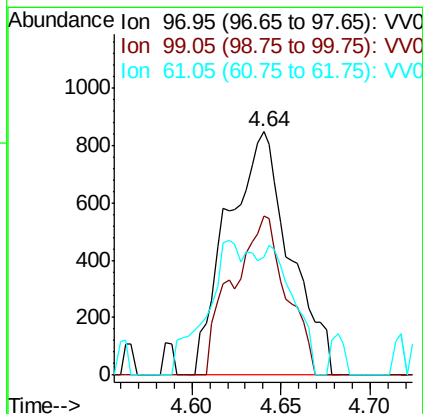
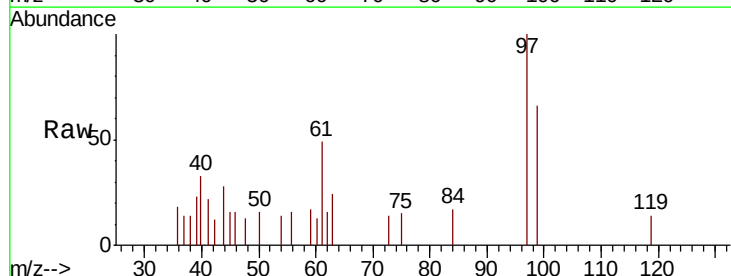
Tot Ion: 96 Resp: 5461
 Ion Ratio Lower Upper
 96 100
 61 111.4 91.0 169.0
 68 0.0 0.0 0.0

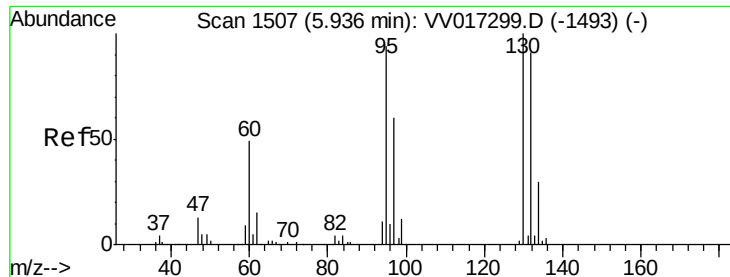


#29

1,1,1-Trichloroethane
 Concen: 0.110 ug/L
 RT: 4.64 min Scan# 1104
 Delta R.T. 0.01 min
 Lab File: VV017304.D
 Acq: 02 Jul 2020 12:37

Tgt Ion: 97 Resp: 2060
 Ion Ratio Lower Upper
 97 100
 99 56.3 50.3 75.5
 61 42.2 36.0 54.0





#34

Trichloroethene

Concen: 10.377 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. 0.00 min

Lab File: VV017304.D

Acq: 02 Jul 2020 12:37

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 95 Resp: 124579

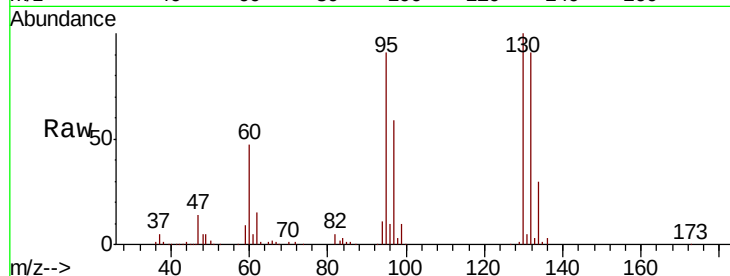
Ion Ratio Lower Upper

95 100

97 65.2 45.3 84.1

132 99.4 68.8 127.8

130 109.8 70.2 130.4

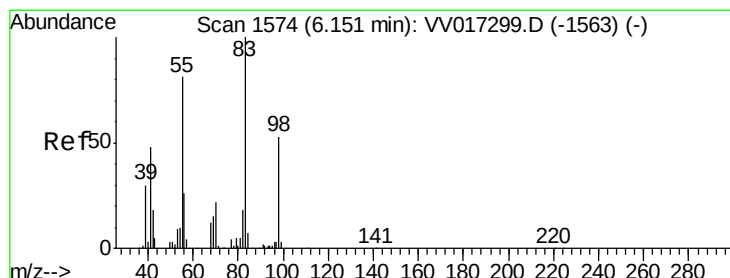
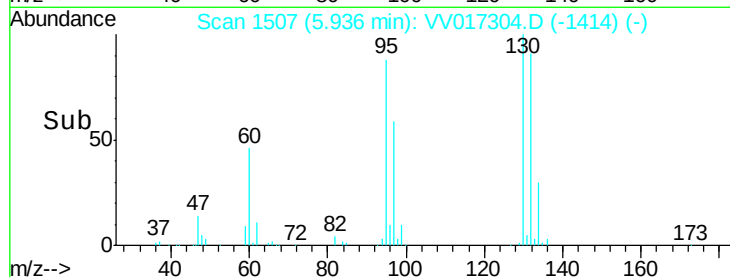
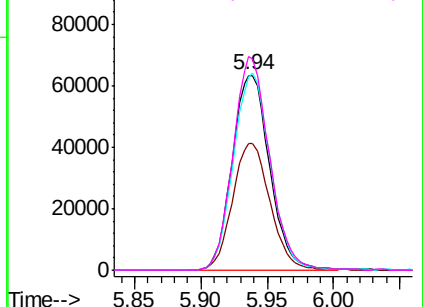


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0



#35

Methylcyclohexane

Concen: 0.782 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.05 min

Lab File: VV017304.D

Acq: 02 Jul 2020 12:37

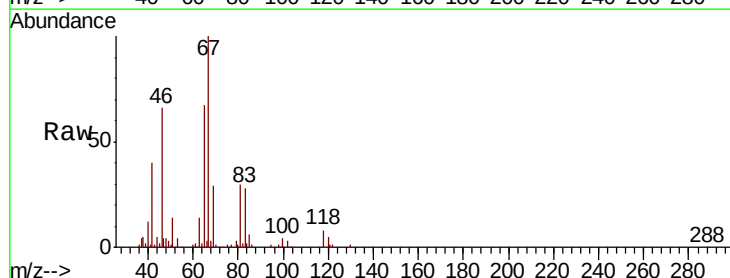
Tgt Ion: 83 Resp: 14599

Ion Ratio Lower Upper

83 100

55 0.6 63.6 95.4#

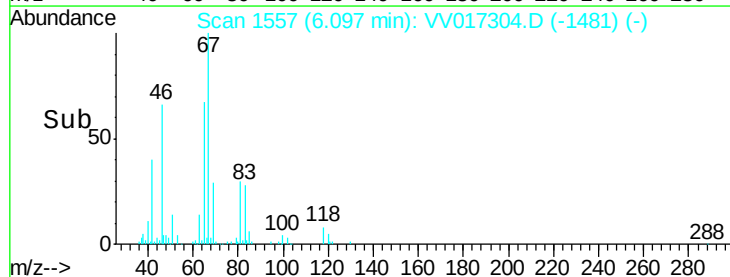
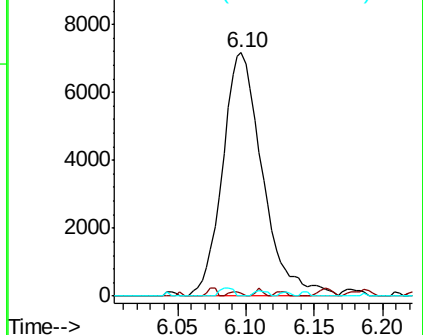
98 0.0 38.8 58.2#

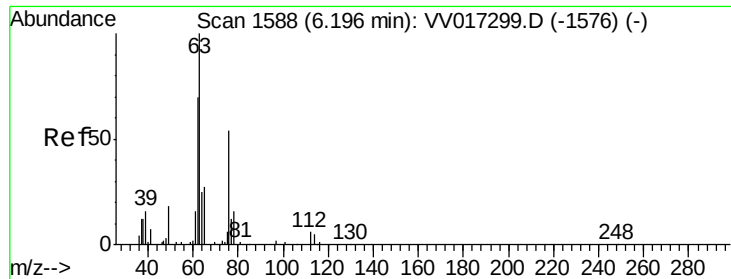


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

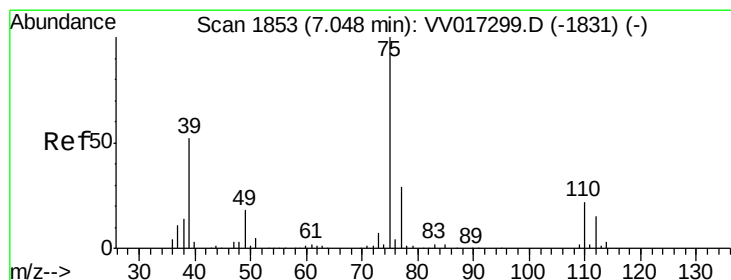
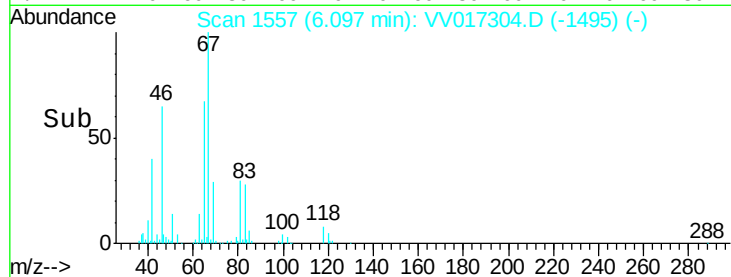
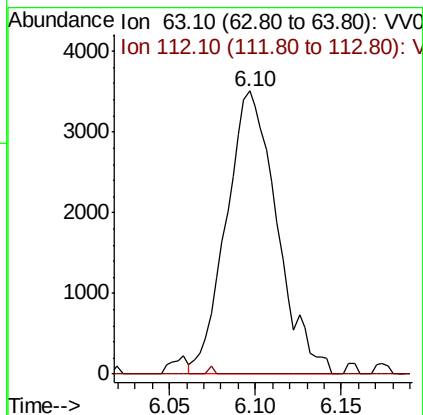
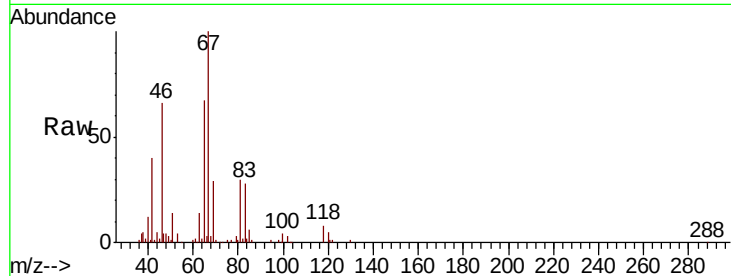




#37
 1,2-Dichloropropane
 Concen: 0.709 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV017304.D
 Acq: 02 Jul 2020 12:37

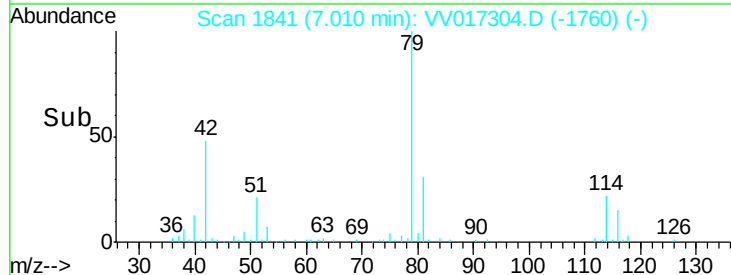
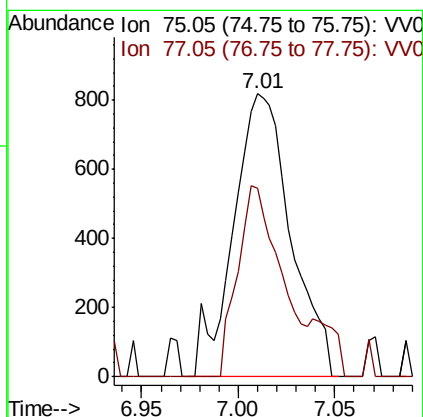
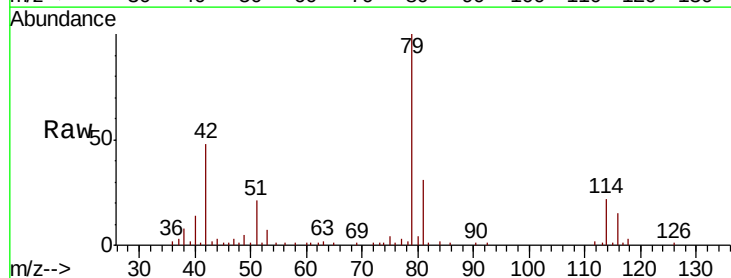
Instrument :
 MSVOA_V
 ClientSampleId :

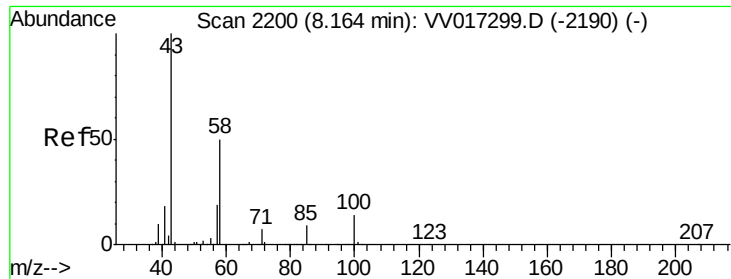
Tot Ion: 63 Resp: 7199
 Ion Ratio Lower Upper
 63 100
 112 0.3 4.4 6.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.112 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV017304.D
 Acq: 02 Jul 2020 12:37

Tgt Ion: 75 Resp: 1692
 Ion Ratio Lower Upper
 75 100
 77 66.5 22.3 41.5#





#50
 2-Hexanone
 Concen: 1.834 ug/L
 RT: 8.17 min Scan# 2201
 Delta R.T. 0.00 min
 Lab File: VV017304.D
 Acq: 02 Jul 2020 12:37

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.5	41.6	62.4#
57	4.5	15.4	23.0#
100	3.8	10.1	15.1#

