

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081020\
 Data File : VV017903.D
 Acq On : 10 Aug 2020 18:03
 Operator : SY/MD
 Sample : L3608-07DL 5X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2L78DL

Quant Time: Aug 11 02:21:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM080820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 11 01:17:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	245205	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	229495	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	117545	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	48840	38.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.14%
7) Chloroethane-d5	1.58	69	44316	41.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.38%
11) 1,1-Dichloroethene-d2	2.12	63	92206	30.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.60%
21) 2-Butanone-d5	3.91	46	79877	100.73	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.73%
24) Chloroform-d	4.38	84	146722	44.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.38%
26) 1,2-Dichloroethane-d4	5.05	65	110562	45.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.66%
32) Benzene-d6	5.07	84	242482	45.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.50%
36) 1,2-Dichloropropane-d6	6.09	67	64181	47.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.52%
41) Toluene-d8	7.34	98	236136	44.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.66%
43) trans-1,3-Dichloropropene-	7.64	79	40771	47.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.24%
47) 2-Hexanone-d5	8.11	63	47247	97.08	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.08%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	96583	46.11	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.22%
64) 1,2-Dichlorobenzene-d4	11.65	152	115234	48.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.18%

Target Compounds

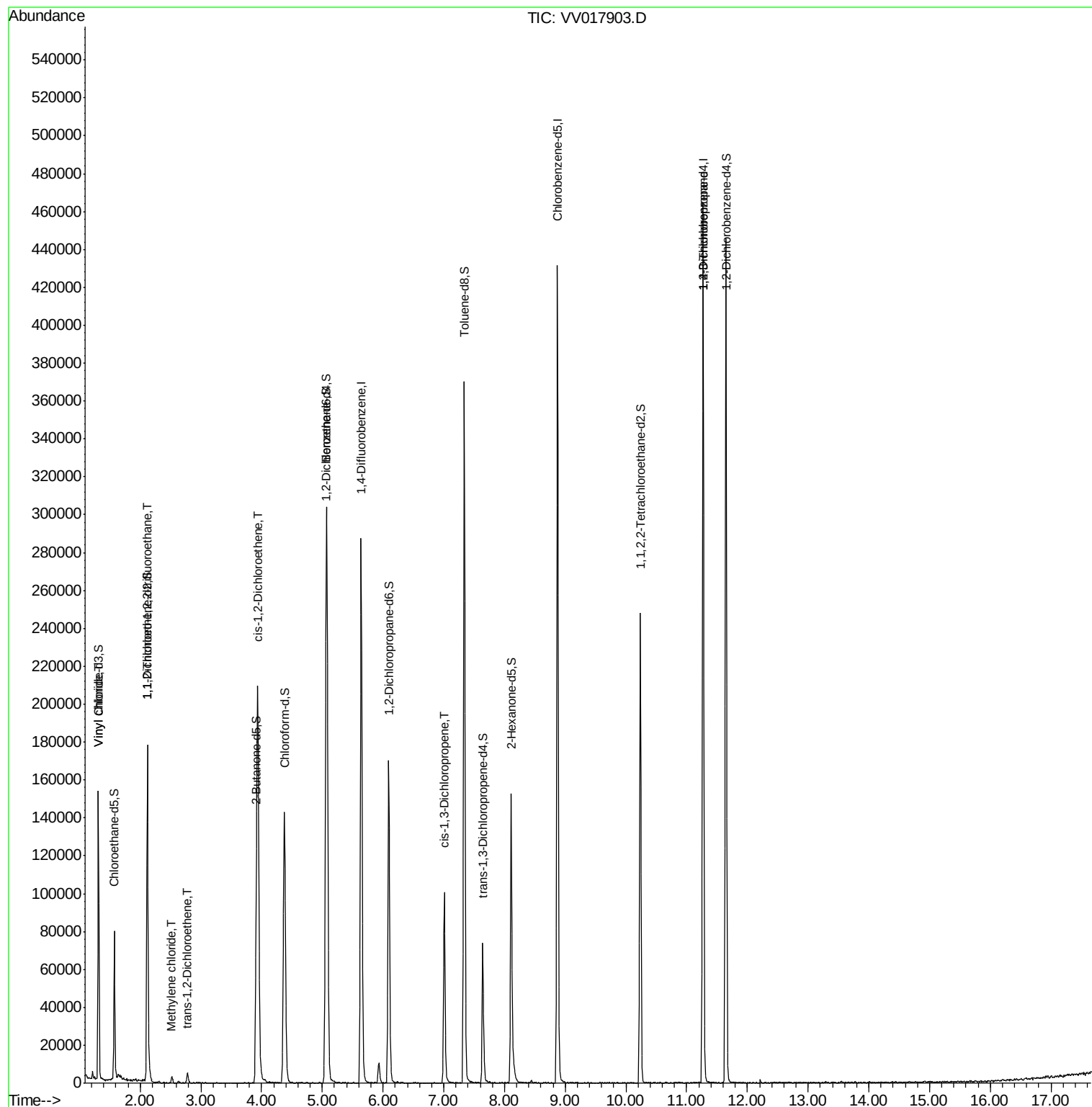
					Ovalue
5) Vinyl chloride	1.32	62	43859	30.613	ug/L 93
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1086	0.693	ug/L # 14
16) Methylene chloride	2.52	84	1566	1.031	ug/L 76
17) trans-1,2-Dichloroethene	2.78	96	1853	1.257	ug/L # 76
20) cis-1,2-Dichloroethene	3.94	96	103980	65.296	ug/L 98
39) cis-1,3-Dichloropropene	7.01	75	2874	1.408	ug/L 88
59) 1,2,3-Trichloropropane	11.27	75	10059	5.503	ug/L # 69

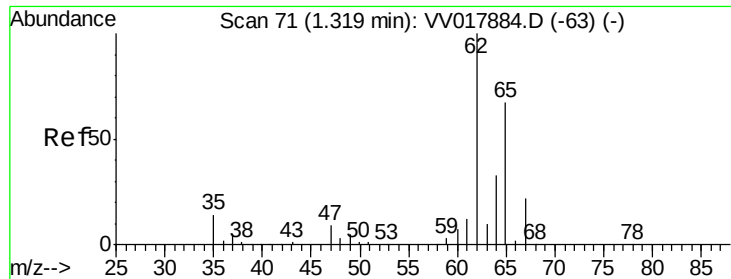
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 30.613 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.00 min

Lab File: VV017903.D

Acq: 10 Aug 2020 18:03

Instrument :

MSVOA_V

ClientSampleID :

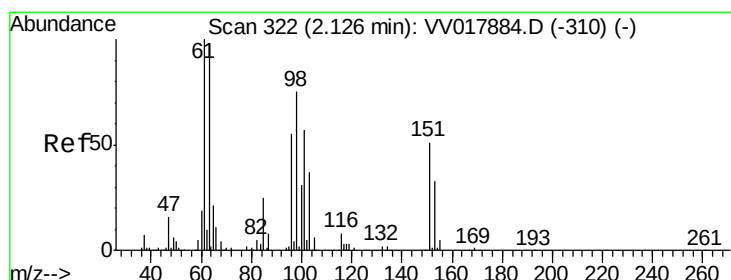
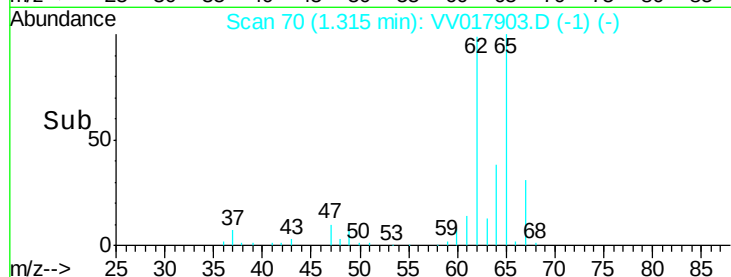
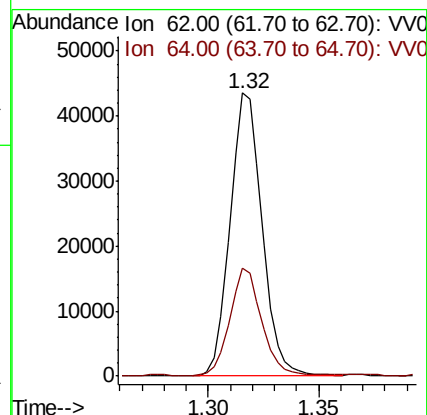
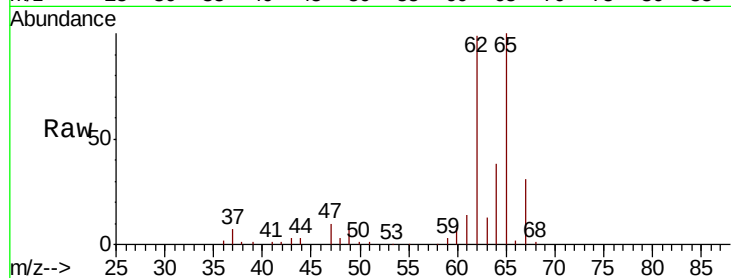
F2L78DL

Tot Ion: 62 Resp: 43859

Ion Ratio Lower Upper

62 100

64 38.3 24.0 44.6



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.693 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017903.D

Acq: 10 Aug 2020 18:03

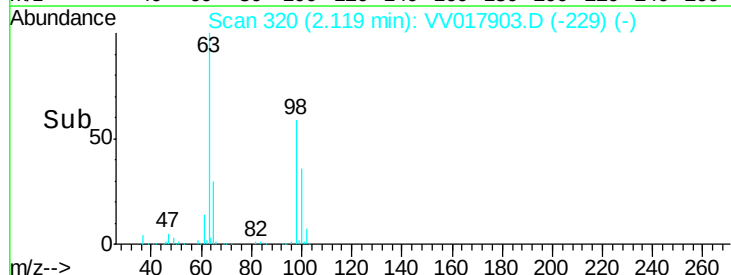
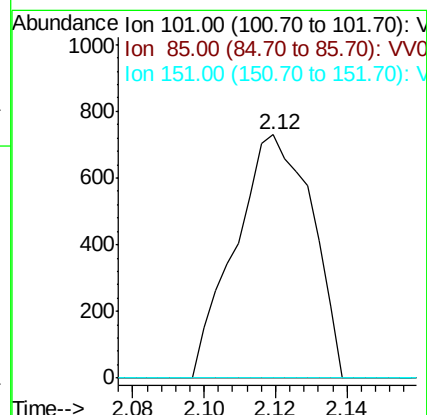
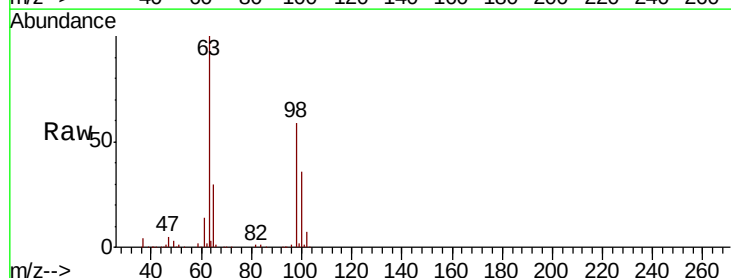
Tgt Ion: 101 Resp: 1086

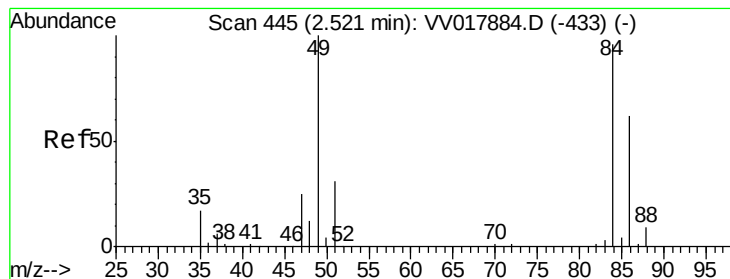
Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.6#

151 0.0 71.0 106.6#





#16

Methylene chloride

Concen: 1.031 ug/L

RT: 2.52 min Scan# 444

Delta R.T. -0.00 min

Lab File: VV017903.D

Acq: 10 Aug 2020 18:03

Instrument :

MSVOA_V

ClientSampled :

F2L78DL

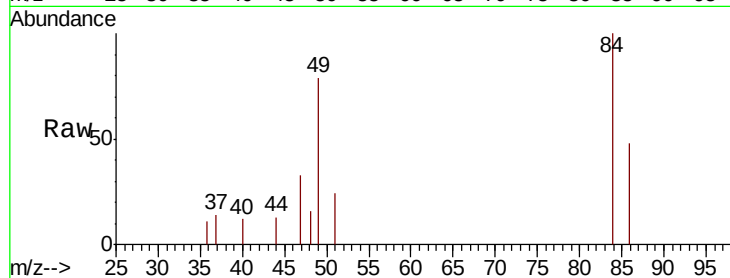
Tot Ion: 84 Resp: 1566

Ion Ratio Lower Upper

84 100

86 48.4 46.2 85.8

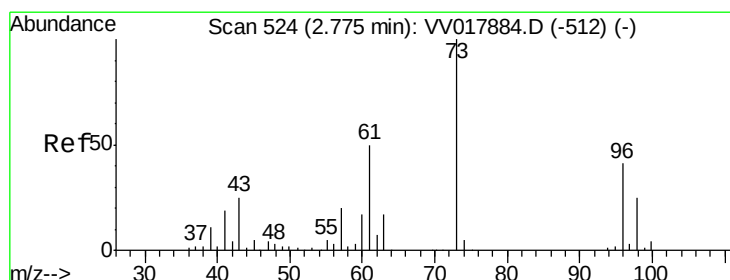
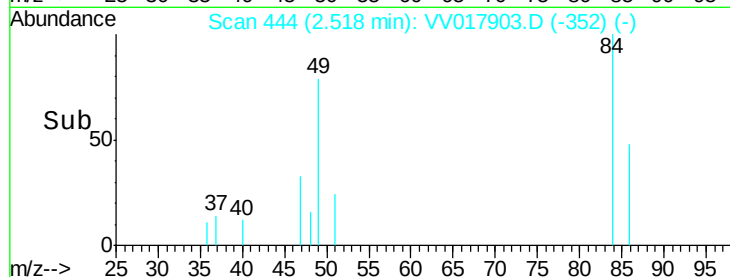
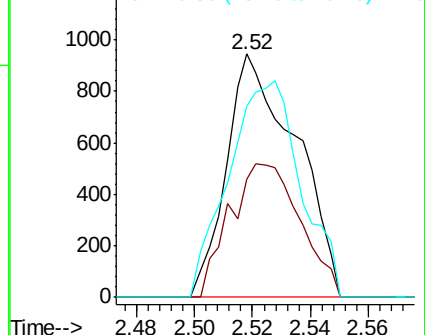
49 78.5 73.6 136.6



Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.00 (48.70 to 49.70): VV0



#17

trans-1,2-Dichloroethene

Concen: 1.257 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

Lab File: VV017903.D

Acq: 10 Aug 2020 18:03

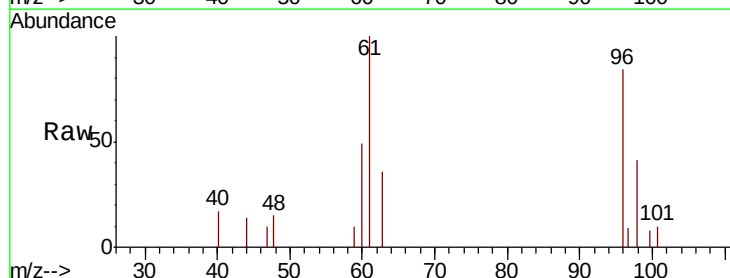
Tgt Ion: 96 Resp: 1853

Ion Ratio Lower Upper

96 100

61 107.7 92.4 171.6

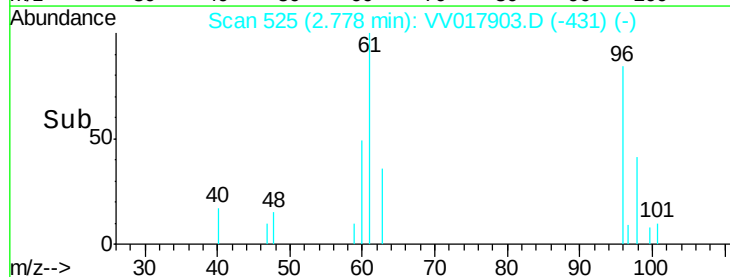
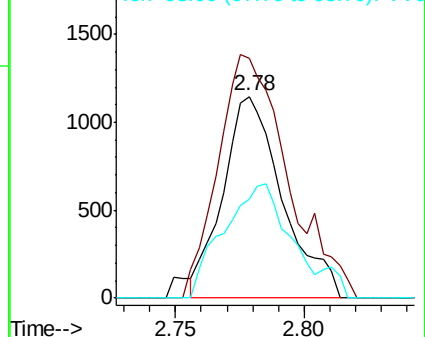
98 44.3 47.5 88.1#

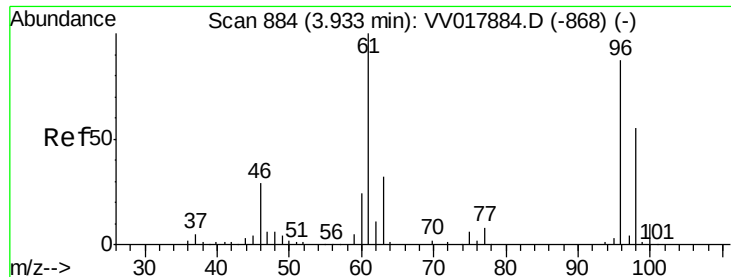


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

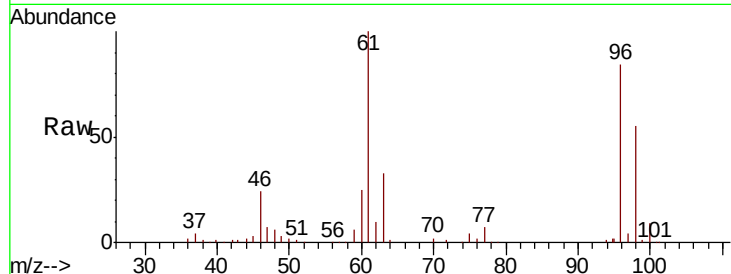




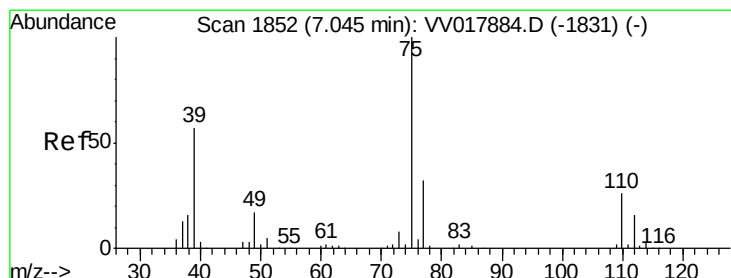
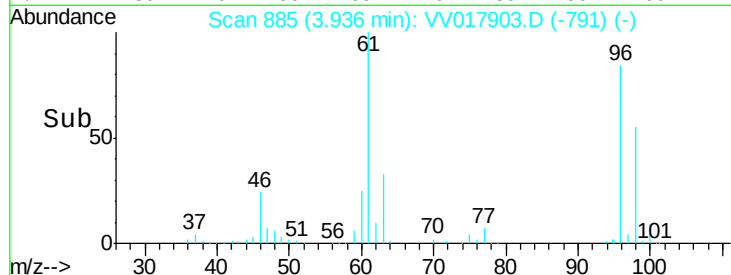
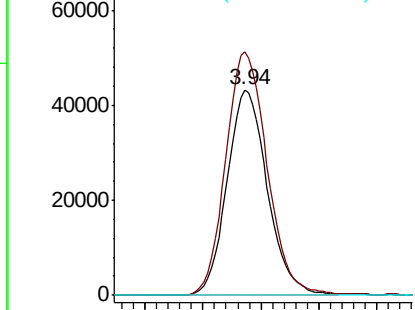
#20
 cis-1,2-Dichloroethene
 Concen: 65.296 ug/L
 RT: 3.94 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: VV017903.D
 Acq: 10 Aug 2020 18:03

Instrument :
 MSVOA_V
 ClientSampleId :
 F2L78DL

Tot Ion: 96 Resp: 103980
 Ion Ratio Lower Upper
 96 100
 61 118.5 84.4 156.8
 68 0.0 0.0 0.0

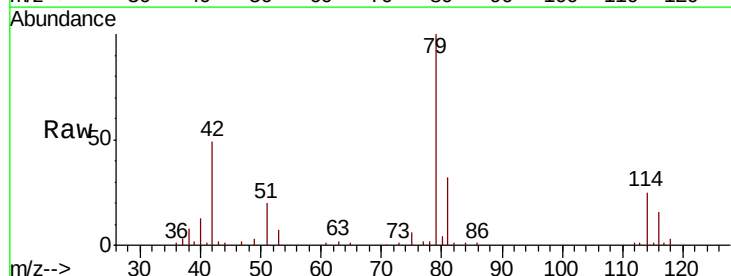


Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.00 (60.70 to 61.70): VV0
 Ion 68.00 (67.70 to 68.70): VV0

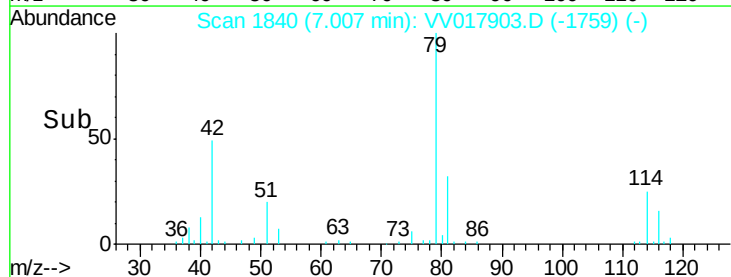
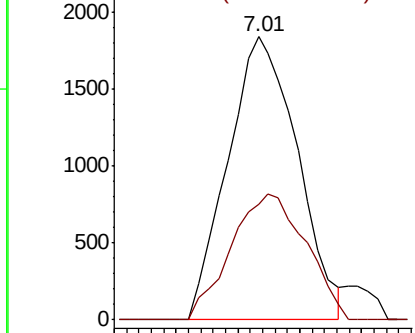


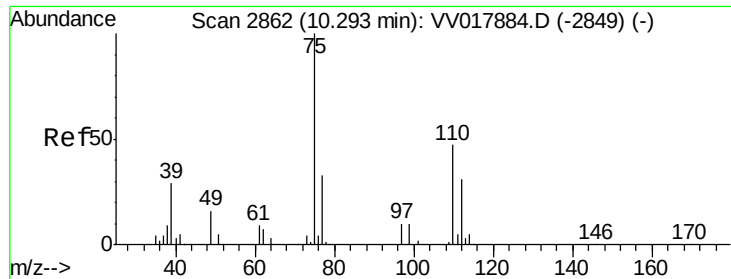
#39
 cis-1,3-Dichloropropene
 Concen: 1.408 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV017903.D
 Acq: 10 Aug 2020 18:03

Tgt Ion: 75 Resp: 2874
 Ion Ratio Lower Upper
 75 100
 77 41.0 23.7 44.1



Abundance Ion 75.00 (74.70 to 75.70): VV0
 Ion 77.00 (76.70 to 77.70): VV0





#59

1,2,3-Trichloropropane

Concen: 5.503 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV017903.D

Acq: 10 Aug 2020 18:03

Instrument :

MSVOA_V

ClientSampleId :

F2L78DL

Tot Ion: 75 Resp: 10059

Ion Ratio Lower Upper

75 100

77 50.2 26.4 39.6#

