

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080820\
 Data File : VV017874.D
 Acq On : 08 Aug 2020 23:16
 Operator : SY/MD
 Sample : L3608-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2L79

Quant Time: Aug 10 05:12:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM080820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 10 05:09:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	219350	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	213009	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	106037	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	60859	53.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.44%
7) Chloroethane-d5	1.58	69	48222	50.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.22%
11) 1,1-Dichloroethene-d2	2.12	63	102271	37.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.14%
21) 2-Butanone-d5	3.92	46	76717	108.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.15%
24) Chloroform-d	4.38	84	152319	51.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.56%
26) 1,2-Dichloroethane-d4	5.06	65	117571	54.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.96%
32) Benzene-d6	5.07	84	259475	52.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.50%
36) 1,2-Dichloropropane-d6	6.09	67	67781	54.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.70%
41) Toluene-d8	7.34	98	250686	50.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.42%
43) trans-1,3-Dichloropropene-	7.64	79	35598	44.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.66%
47) 2-Hexanone-d5	8.11	63	47299	104.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.71%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	99376	51.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.24%
64) 1,2-Dichlorobenzene-d4	11.65	152	117737	54.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.94%

Target Compounds

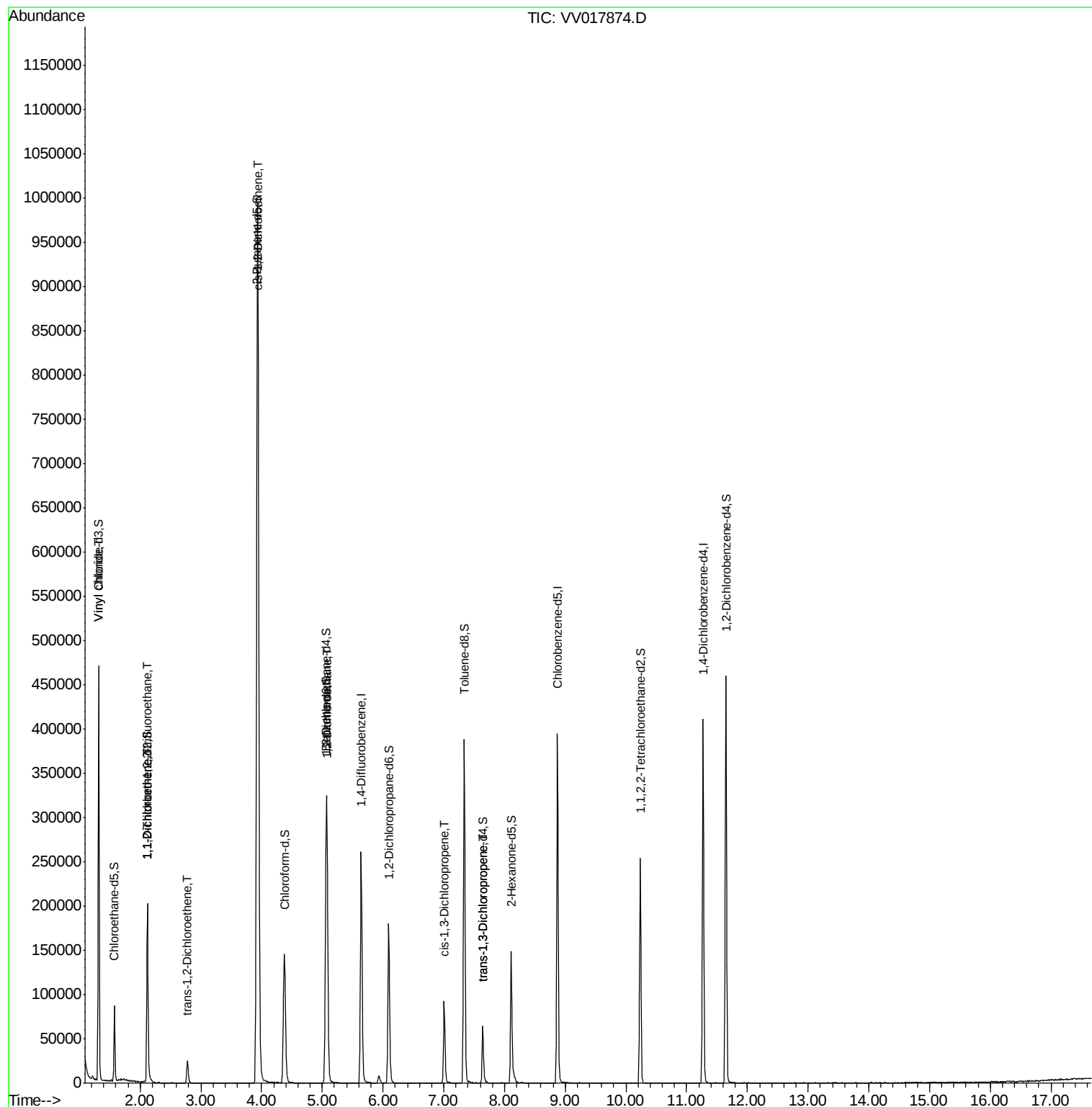
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	215471	168.123	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	941	0.671	ug/L #	14
12) 1,1-Dichloroethene	2.12	96	1184	0.916	ug/L #	1
17) trans-1,2-Dichloroethene	2.78	96	9487	7.193	ug/L	96
20) cis-1,2-Dichloroethene	3.94	96	548202	384.831	ug/L	98
27) 1,2-Dichloroethane	5.08	62	2350	0.929	ug/L #	78
39) cis-1,3-Dichloropropene	7.01	75	2846	1.502	ug/L #	82
44) trans-1,3-Dichloropropene	7.64	75	1837	0.923	ug/L #	56

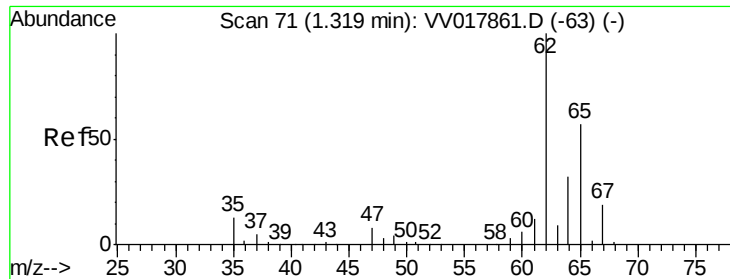
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Aug 10 05:09:16 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 168.123 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017874.D

Acq: 08 Aug 2020 23:16

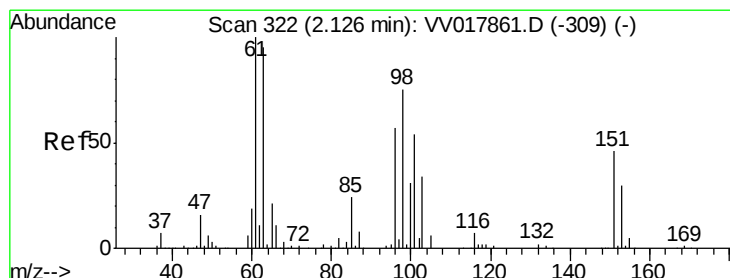
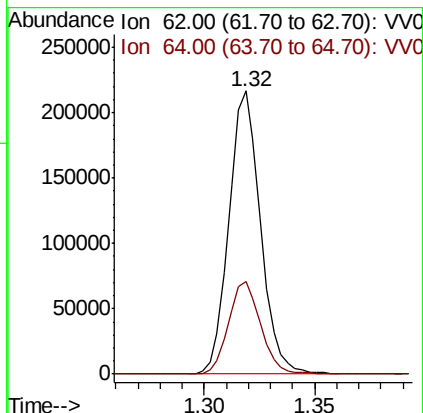
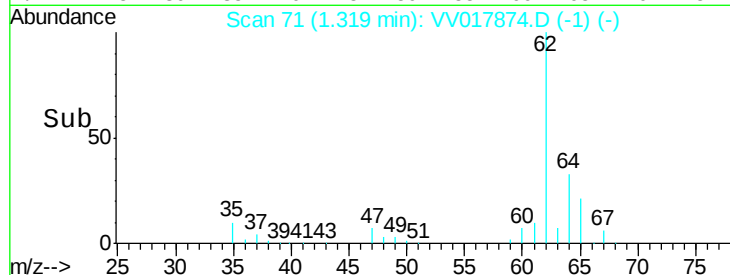
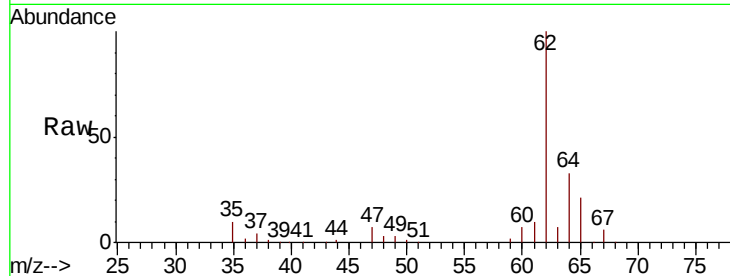
Instrument :
MSVOA_V
ClientSampleId :
F2L79

Tot Ion: 62 Resp: 215471

Ion Ratio Lower Upper

62 100

64 32.6 24.0 44.6



#10

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

Concen: 0.671 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV017874.D

Acq: 08 Aug 2020 23:16

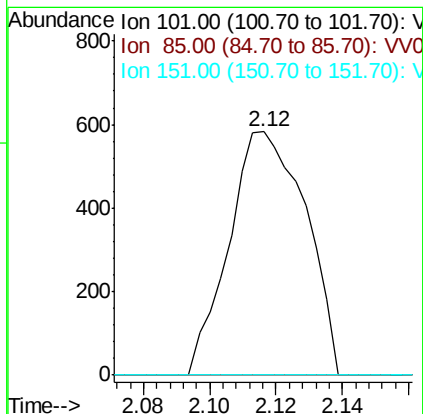
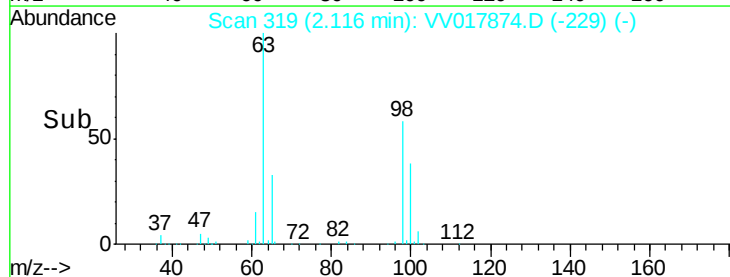
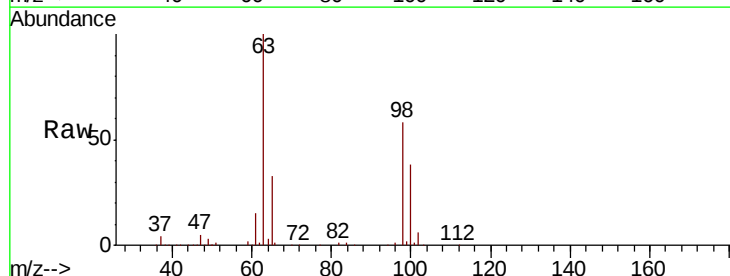
Tgt Ion:101 Resp: 941

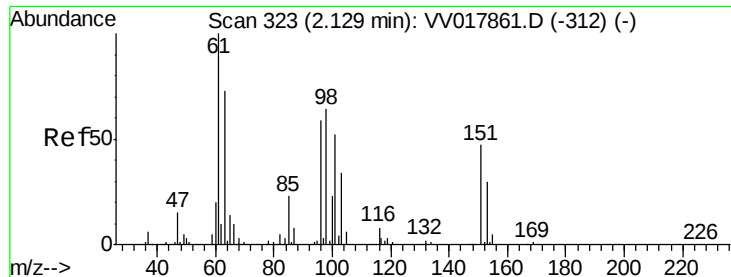
Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.6#

151 0.0 71.0 106.6#





#12

1,1-Dichloroethene

Concen: 0.916 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017874.D

Acq: 08 Aug 2020 23:16

Instrument :

MSVOA_V

ClientSampleId :

F2L79

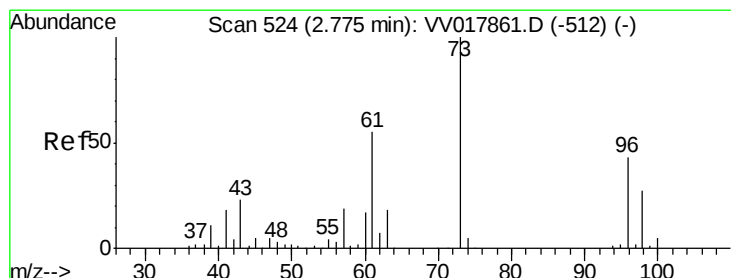
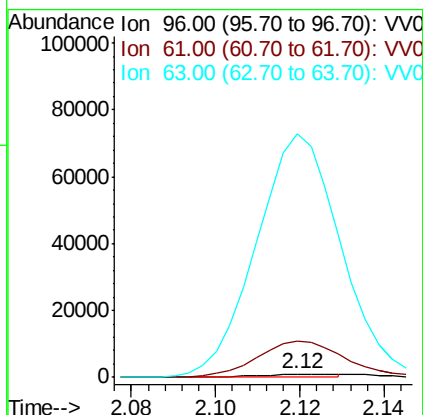
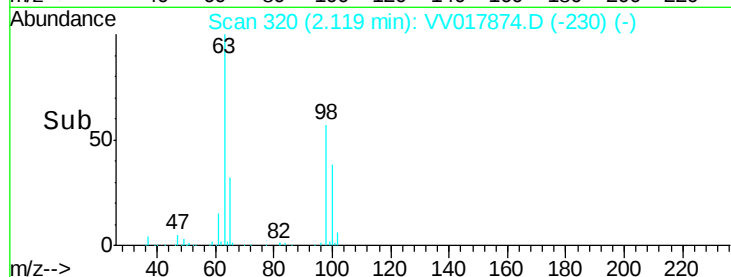
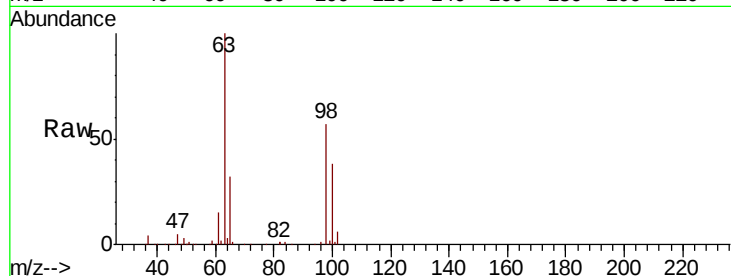
Tot Ion: 96 Resp: 1184

Ion Ratio Lower Upper

96 100

61 1157.6 121.1 224.9#

63 7898.5 98.1 182.1#



#17

trans-1,2-Dichloroethene

Concen: 7.193 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.01 min

Lab File: VV017874.D

Acq: 08 Aug 2020 23:16

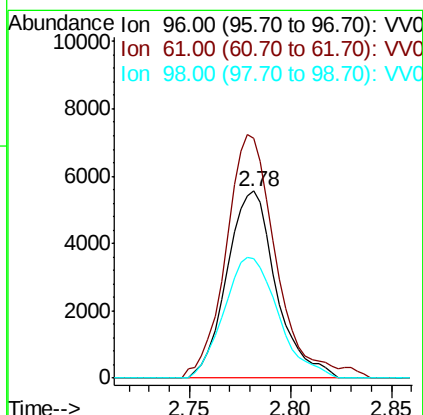
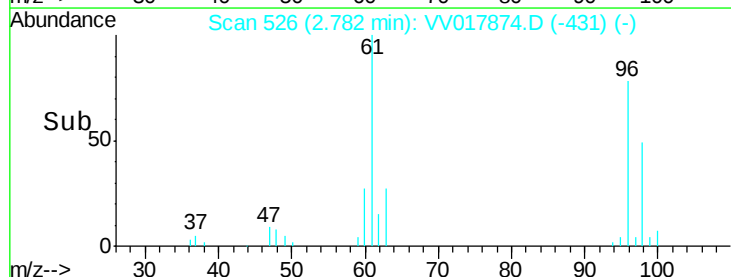
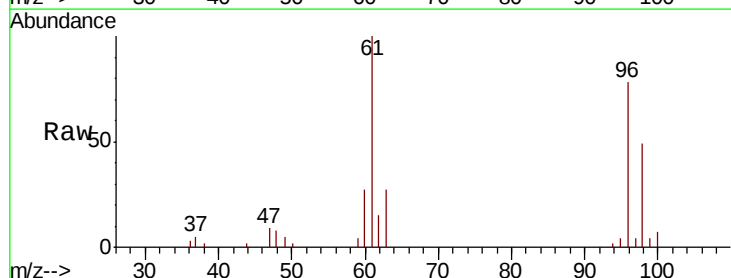
Tgt Ion: 96 Resp: 9487

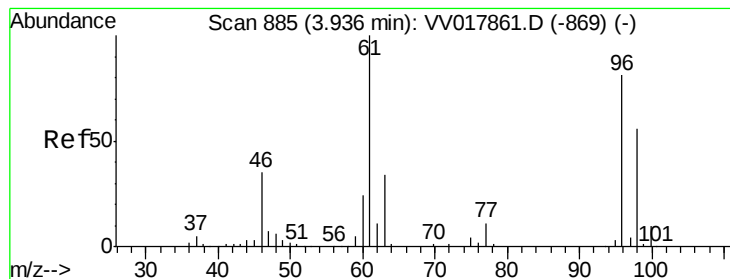
Ion Ratio Lower Upper

96 100

61 128.3 92.4 171.6

98 63.5 47.5 88.1



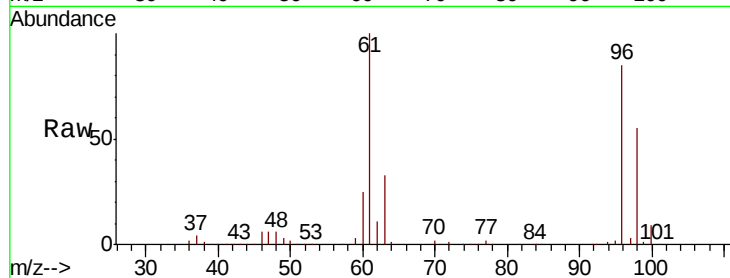


#20

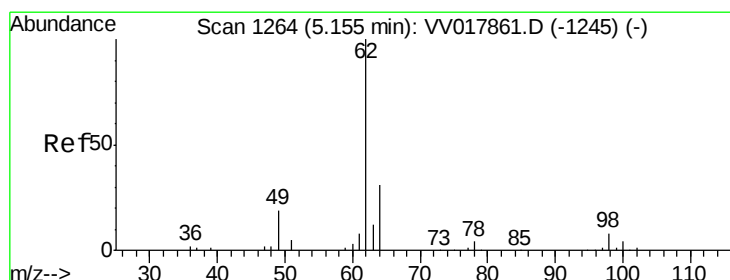
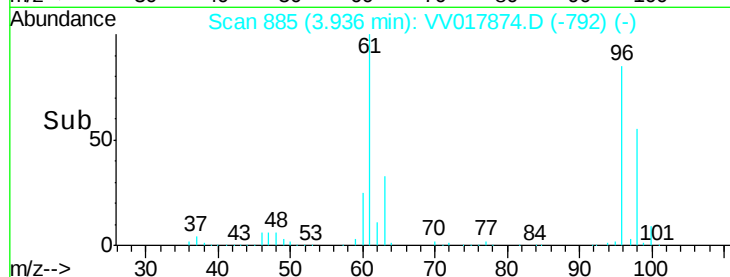
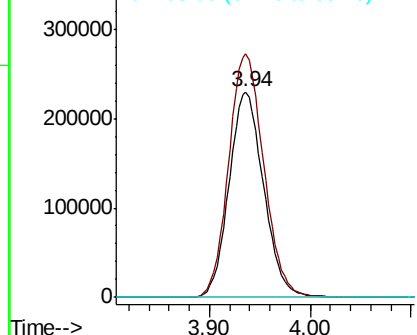
cis-1,2-Dichloroethene
Concen: 384.831 ug/L
RT: 3.94 min Scan# 885
Delta R.T. 0.00 min
Lab File: VV017874.D
Acq: 08 Aug 2020 23:16

Instrument :
MSVOA_V
ClientSampleId :
F2L79

Tot Ion: 96 Resp: 548202
Ion Ratio Lower Upper
96 100
61 118.3 84.4 156.8
68 0.0 0.0 0.0



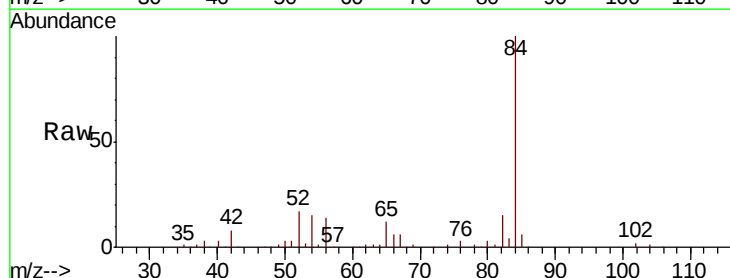
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 68.00 (67.70 to 68.70): VV0



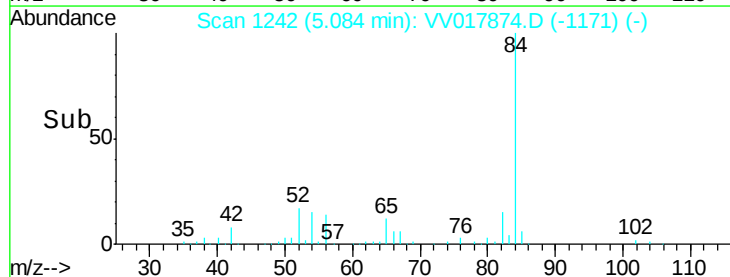
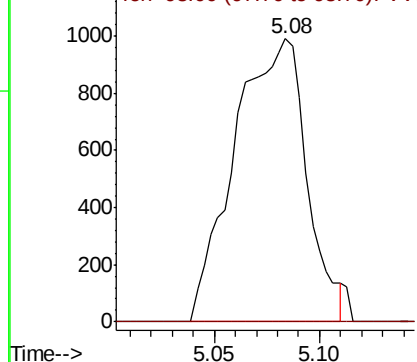
#27

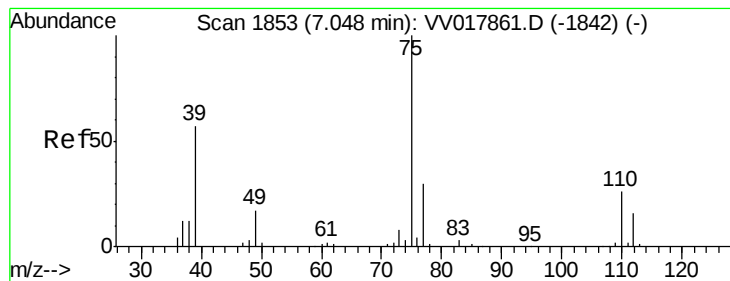
1,2-Dichloroethane
Concen: 0.929 ug/L
RT: 5.08 min Scan# 1242
Delta R.T. -0.07 min
Lab File: VV017874.D
Acq: 08 Aug 2020 23:16

Tgt Ion: 62 Resp: 2350
Ion Ratio Lower Upper
62 100
98 0.0 6.2 9.4#



Abundance Ion 62.00 (61.70 to 62.70): VV0
Ion 98.00 (97.70 to 98.70): VV0





#39

cis-1,3-Dichloropropene

Concen: 1.502 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV017874.D

Acq: 08 Aug 2020 23:16

Instrument :

MSVOA_V

ClientSampleId :

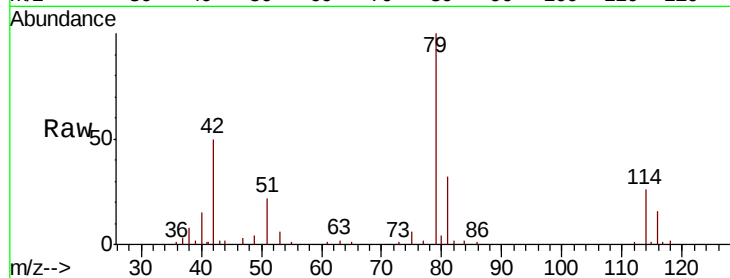
F2L79

Tot Ion: 75 Resp: 2846

Ion Ratio Lower Upper

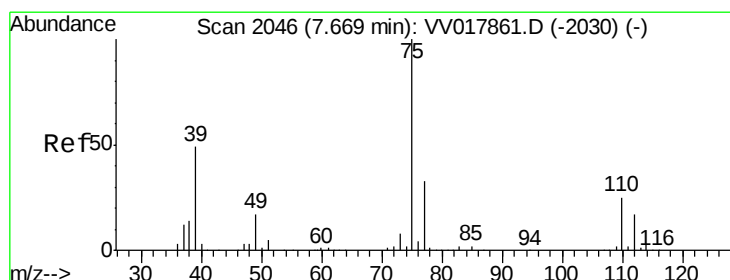
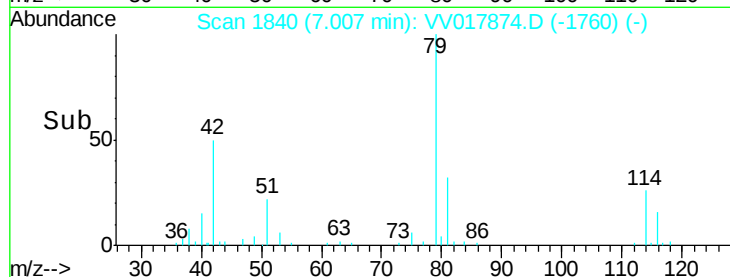
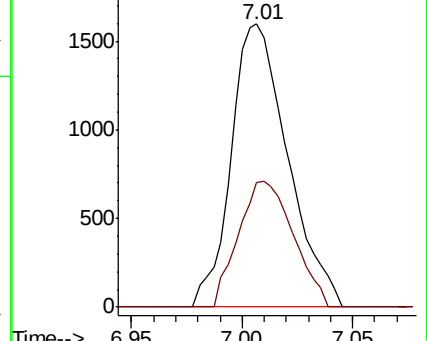
75 100

77 44.2 23.7 44.1#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.923 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV017874.D

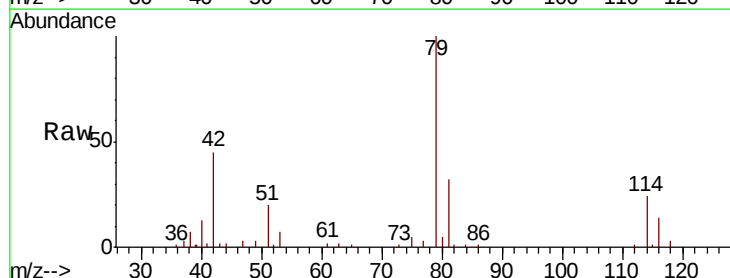
Acq: 08 Aug 2020 23:16

Tgt Ion: 75 Resp: 1837

Ion Ratio Lower Upper

75 100

77 56.6 22.3 41.5#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

