

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080720\
 Data File : VV017839.D
 Acq On : 07 Aug 2020 14:53
 Operator : SY/MD
 Sample : L3590-11
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2L83

Quant Time: Aug 08 00:25:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 08 00:22:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	232951	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	228006	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	125411	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	39732	34.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.96%
7) Chloroethane-d5	1.58	69	40716	41.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.96%
11) 1,1-Dichloroethene-d2	2.12	63	84144	30.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.64%
21) 2-Butanone-d5	3.91	46	77415	90.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.63%
24) Chloroform-d	4.38	84	143431	46.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.06	65	112339	49.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.08%
32) Benzene-d6	5.07	84	235639	43.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.36%
36) 1,2-Dichloropropane-d6	6.09	67	64308	43.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.34%
41) Toluene-d8	7.34	98	239548	45.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.58%
43) trans-1,3-Dichloropropene-	7.65	79	20267	20.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	41.16%#
47) 2-Hexanone-d5	8.11	63	55756	87.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.07%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	100109	44.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	128660	52.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.52%

Target Compounds

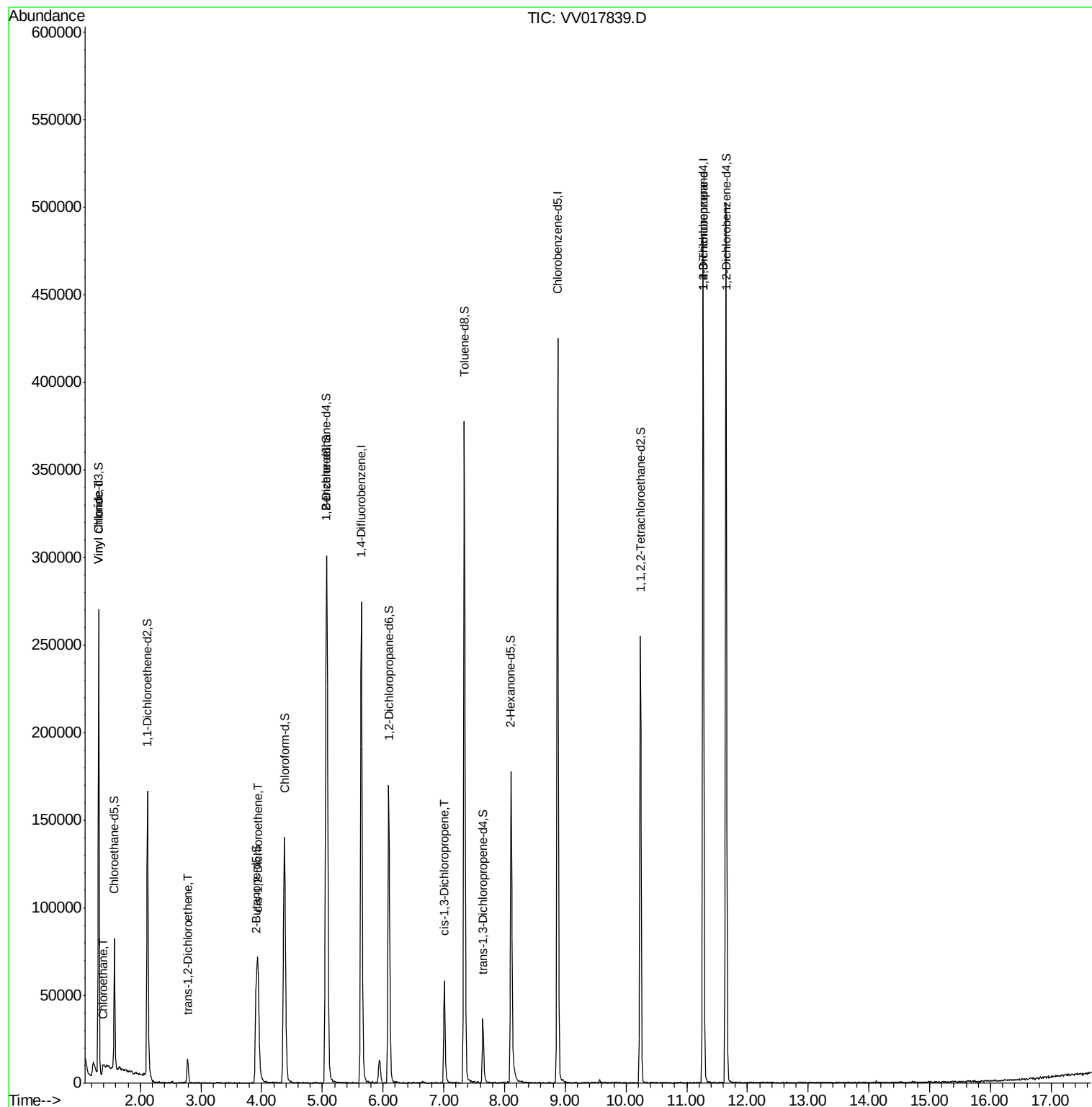
					Ovalue
5) Vinyl chloride	1.32	62	115121	69.662	ug/L 98
8) Chloroethane	1.40	64	5032	5.030	ug/L # 51
17) trans-1,2-Dichloroethene	2.78	96	5244	3.317	ug/L 89
20) cis-1,2-Dichloroethene	3.94	96	30052	17.797	ug/L 92
39) cis-1,3-Dichloropropene	7.01	75	1506	0.579	ug/L # 79
59) 1,2,3-Trichloropropane	11.27	75	10989	5.327	ug/L # 72

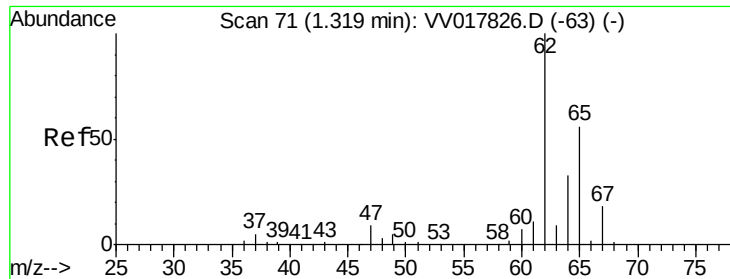
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 08 00:22:47 2020
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#5

Vinyl chloride

Concen: 69.662 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017839.D

Acq: 07 Aug 2020 14:53

Instrument :

MSVOA_V

ClientSampled :

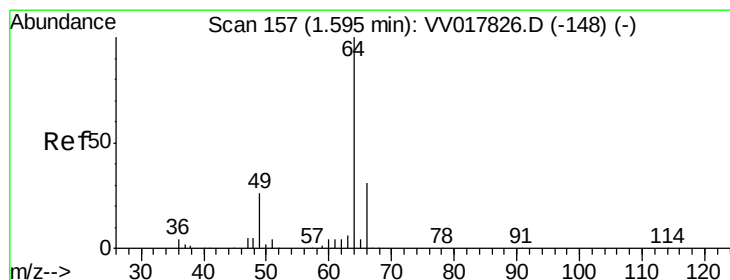
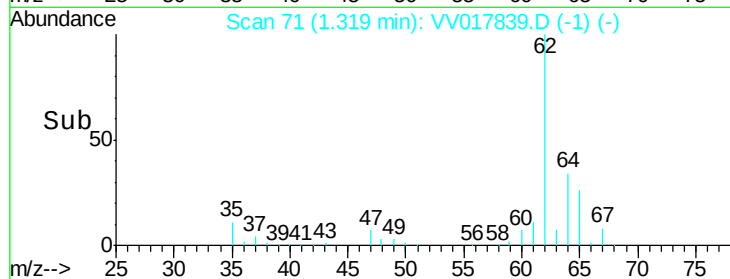
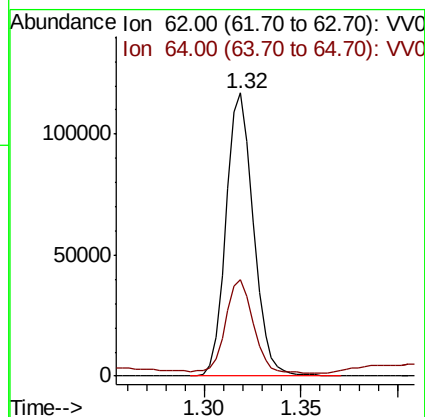
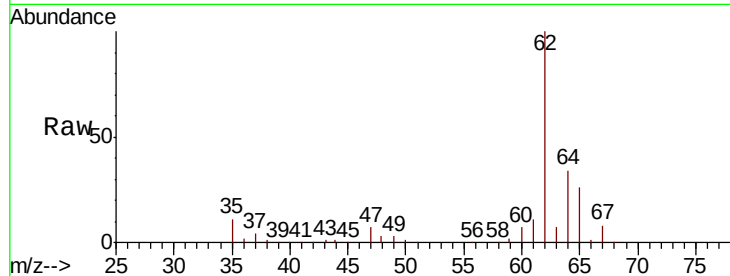
F2L83

Tot Ion: 62 Resp: 115121

Ion Ratio Lower Upper

62 100

64 34.1 22.9 42.5



#8

Chloroethane

Concen: 5.030 ug/L

RT: 1.40 min Scan# 95

Delta R.T. -0.20 min

Lab File: VV017839.D

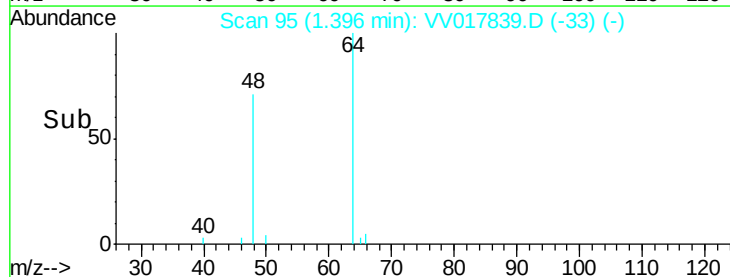
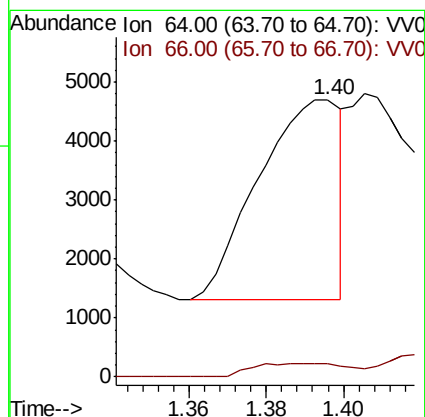
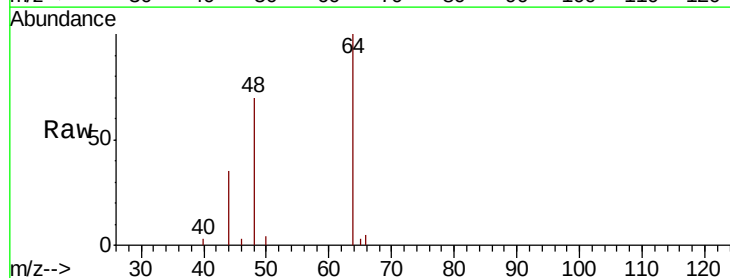
Acq: 07 Aug 2020 14:53

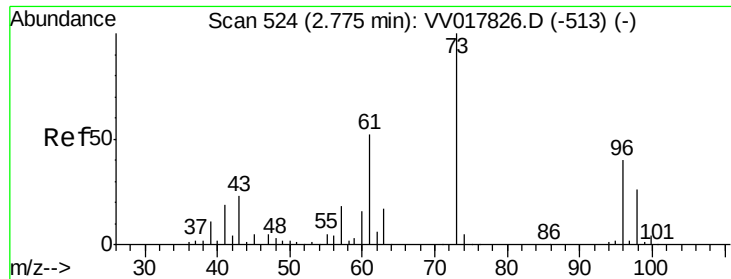
Tgt Ion: 64 Resp: 5032

Ion Ratio Lower Upper

64 100

66 4.7 22.3 41.3#





#17

trans-1,2-Dichloroethene

Concen: 3.317 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.01 min

Lab File: VV017839.D

Acq: 07 Aug 2020 14:53

Instrument :

MSVOA_V

ClientSampled :

F2L83

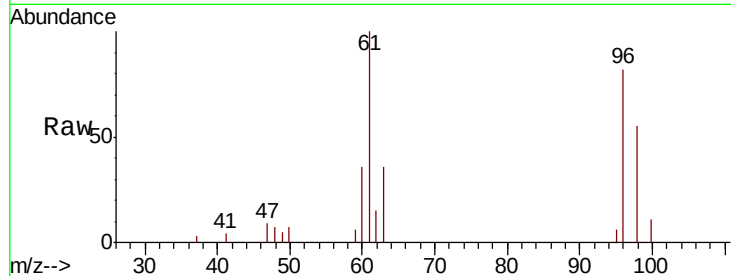
Tot Ion: 96 Resp: 5244

Ion Ratio Lower Upper

96 100

61 122.5 96.2 178.8

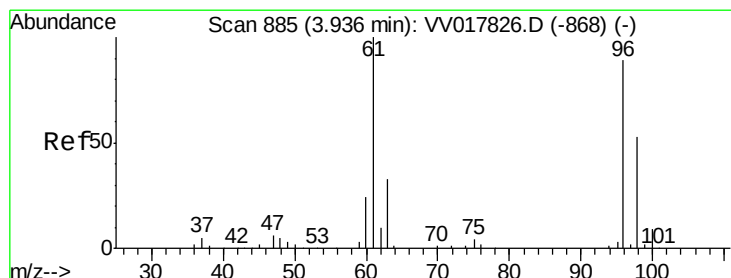
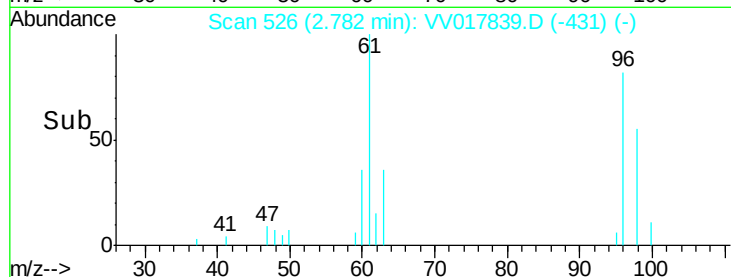
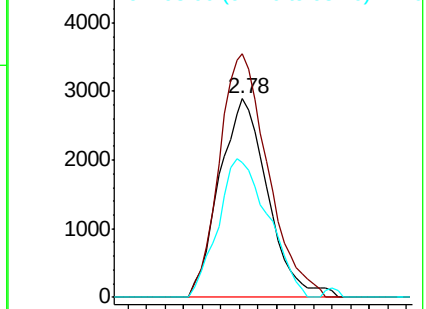
98 67.9 43.2 80.2



Abundance Ion 96.00 (95.70 to 96.70): VV017839.D (-431) (-)

Ion 61.00 (60.70 to 61.70): VV017839.D (-431) (-)

Ion 98.00 (97.70 to 98.70): VV017839.D (-431) (-)



#20

cis-1,2-Dichloroethene

Concen: 17.797 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV017839.D

Acq: 07 Aug 2020 14:53

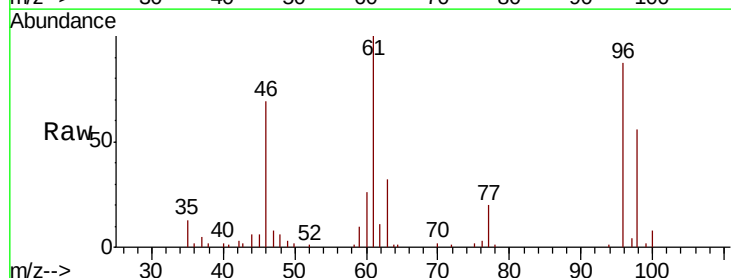
Tgt Ion: 96 Resp: 30052

Ion Ratio Lower Upper

96 100

61 115.5 87.3 162.1

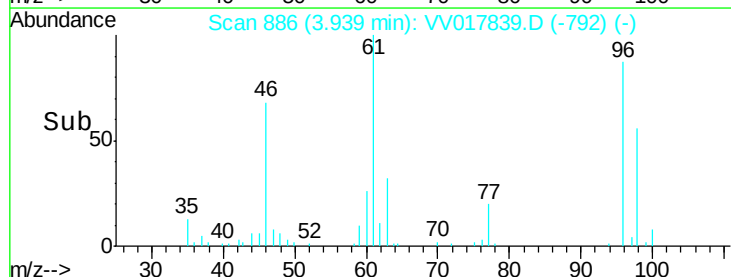
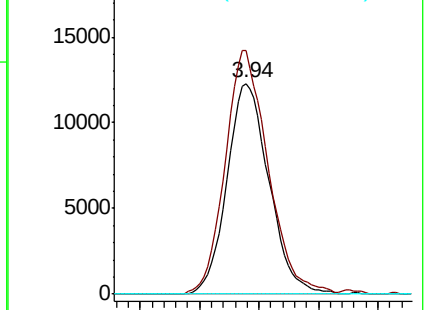
68 0.0 0.0 0.0

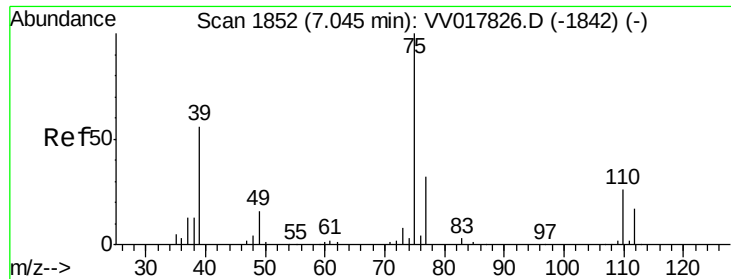


Abundance Ion 96.00 (95.70 to 96.70): VV017839.D (-792) (-)

Ion 61.00 (60.70 to 61.70): VV017839.D (-792) (-)

Ion 68.00 (67.70 to 68.70): VV017839.D (-792) (-)

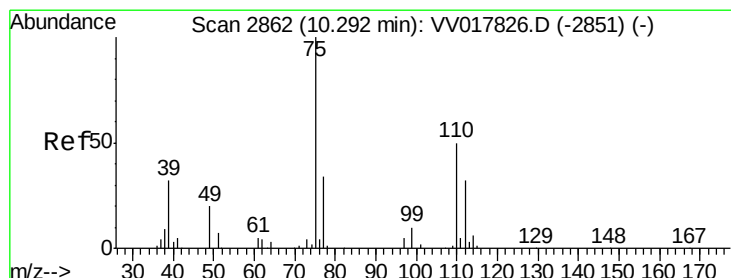
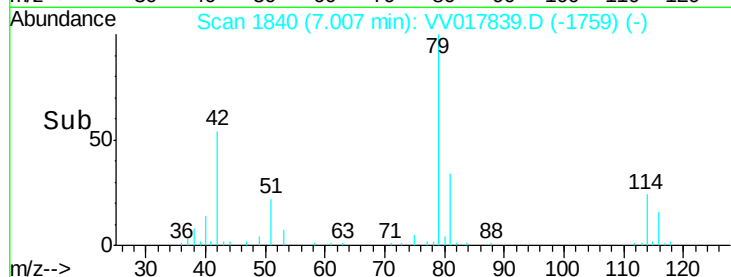
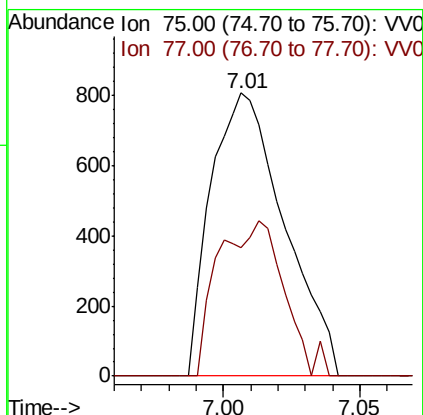
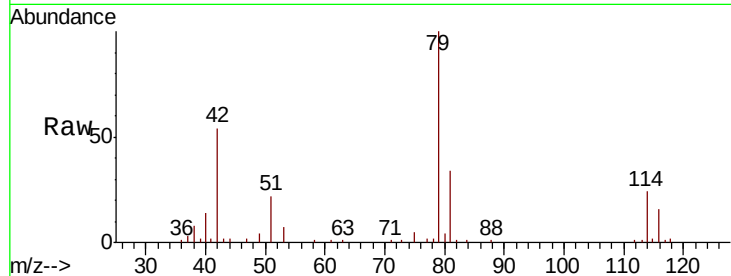




#39
 cis-1,3-Dichloropropene
 Concen: 0.579 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV017839.D
 Acq: 07 Aug 2020 14:53

Instrument :
 MSVOA_V
 ClientSampleId :
 F2L83

Tot Ion: 75 Resp: 1506
 Ion Ratio Lower Upper
 75 100
 77 45.2 23.2 43.0#



#59
 1,2,3-Trichloropropane
 Concen: 5.327 ug/L
 RT: 11.27 min Scan# 3165
 Delta R.T. 0.97 min
 Lab File: VV017839.D
 Acq: 07 Aug 2020 14:53

Tgt Ion: 75 Resp: 10989
 Ion Ratio Lower Upper
 75 100
 77 46.8 25.1 37.7#

