

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081220\
 Data File : VV017950.D
 Acq On : 13 Aug 2020 01:20
 Operator : SY/MD
 Sample : L3655-03
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4L26

Quant Time: Aug 13 06:02:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 13 05:58:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	253988	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	251295	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	114929	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	186486	96.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	192.46%#
7) Chloroethane-d5	1.58	69	71894	45.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.70%
11) 1,1-Dichloroethene-d2	2.12	63	129109	34.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.66%
21) 2-Butanone-d5	3.92	46	132691	104.54	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.54%
24) Chloroform-d	4.38	84	161379	45.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.50%
26) 1,2-Dichloroethane-d4	5.06	65	111453	48.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.28%
32) Benzene-d6	5.08	84	325738	47.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.06%
36) 1,2-Dichloropropane-d6	6.09	67	105737	46.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.40%
41) Toluene-d8	7.34	98	286209	45.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.90%
43) trans-1,3-Dichloropropene-	7.64	79	46711	45.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.98%
47) 2-Hexanone-d5	8.11	63	61114	84.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.11%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	133110	45.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.30%
64) 1,2-Dichlorobenzene-d4	11.65	152	115145	50.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.82%

Target Compounds

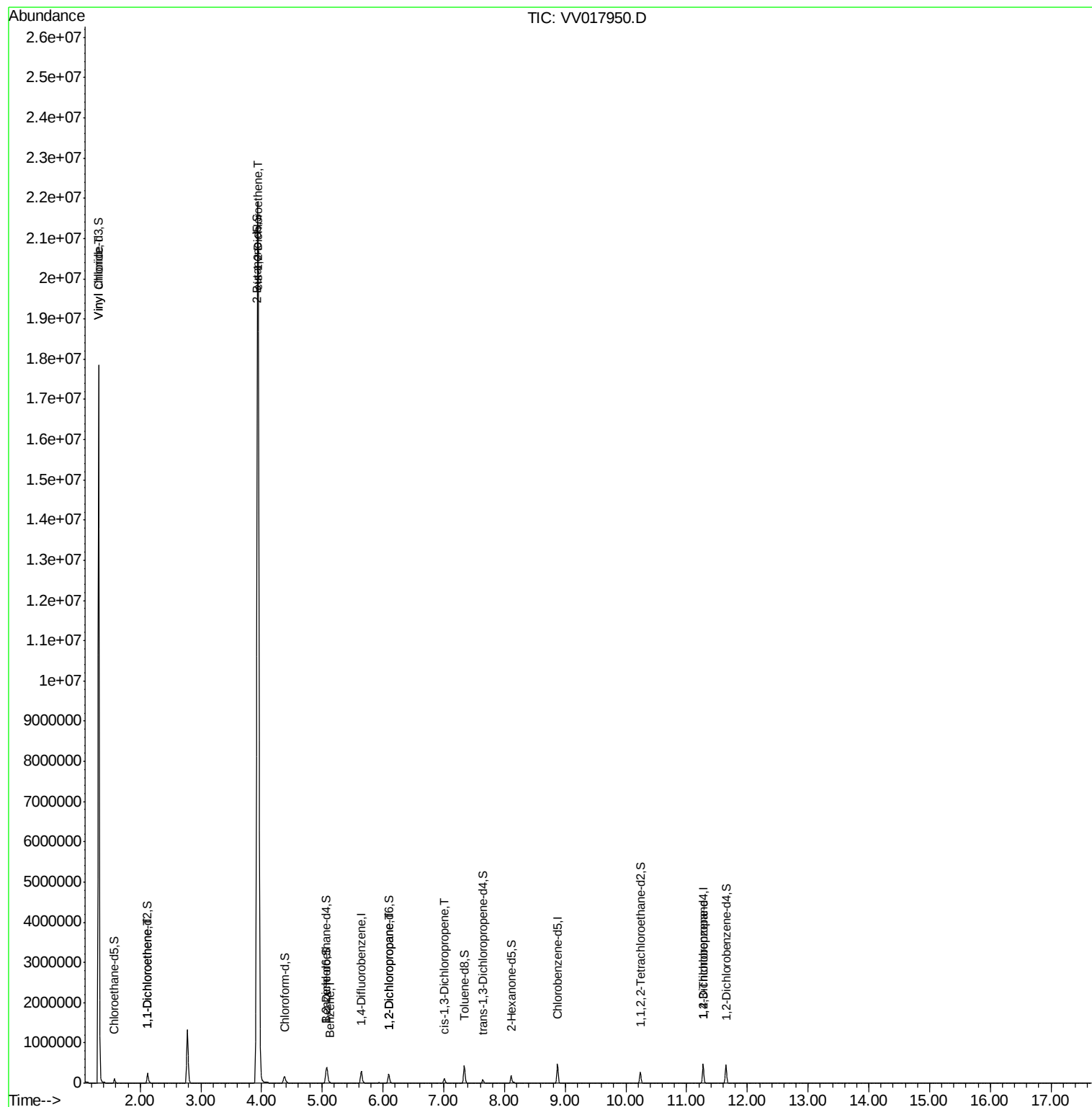
					Ovalue
5) Vinyl chloride	1.32	62	10825231	4796.638	ug/L # 70
12) 1,1-Dichloroethene	2.13	96	9844	5.778	ug/L # 1
20) cis-1,2-Dichloroethene	3.94	96	12259161	6369.820	ug/L 91
33) Benzene	5.13	78	7859	1.011	ug/L 100
37) 1,2-Dichloropropane	6.10	63	11860	5.594	ug/L # 87
39) cis-1,3-Dichloropropene	7.01	75	2813	0.936	ug/L # 78
59) 1,2,3-Trichloropropane	11.27	75	13845	5.287	ug/L # 87

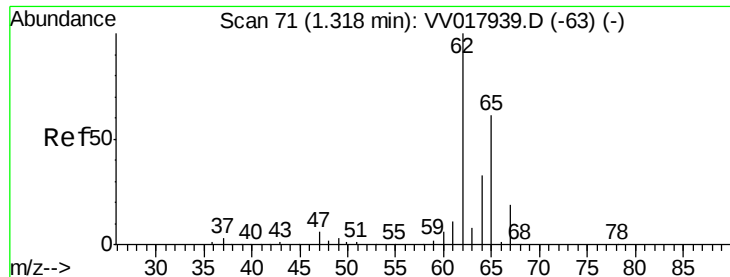
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 13 05:58:58 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 4796.638 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.00 min

Lab File: VV017950.D

Acq: 13 Aug 2020 01:20

Instrument :

MSVOA_V

ClientSampleId :

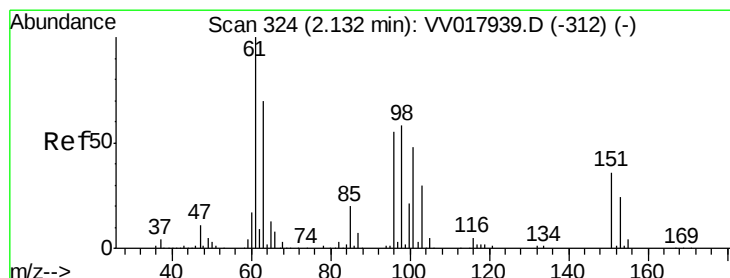
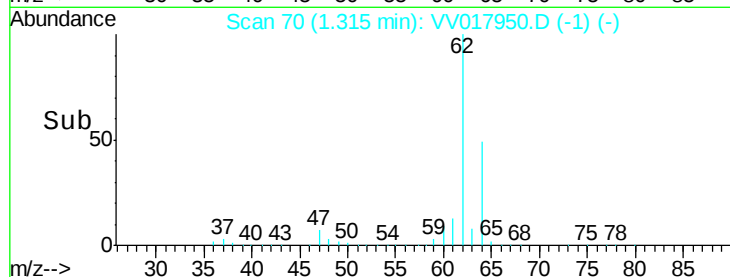
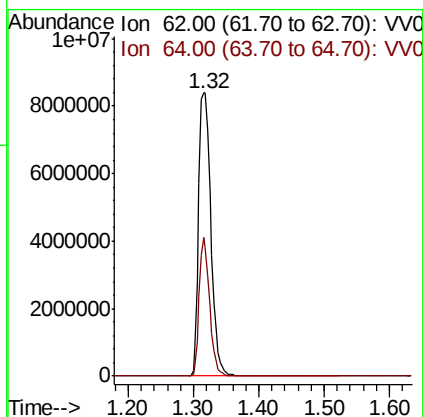
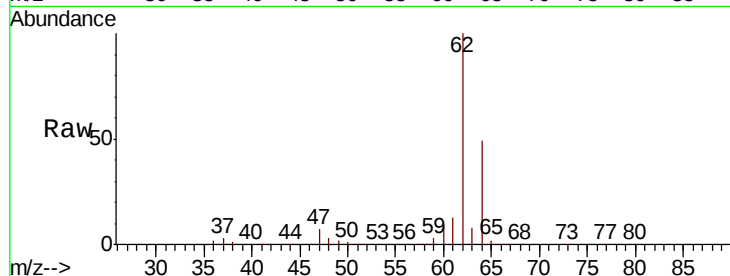
F4L26

Tot Ion: 62 Resp:10825231

Ion Ratio Lower Upper

62 100

64 48.9 22.4 41.6#



#12

1,1-Dichloroethene

Concen: 5.778 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV017950.D

Acq: 13 Aug 2020 01:20

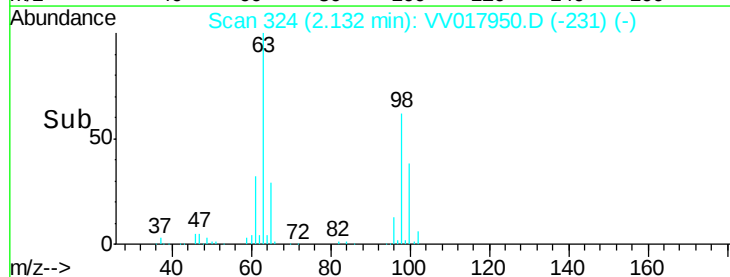
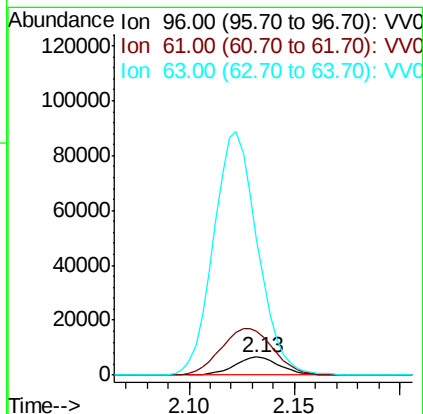
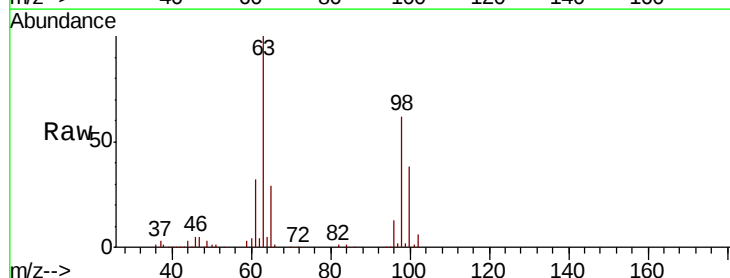
Tgt Ion: 96 Resp: 9844

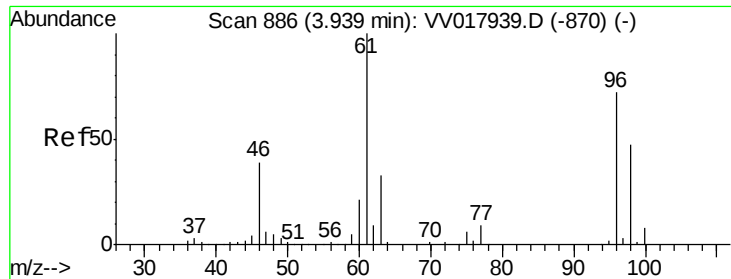
Ion Ratio Lower Upper

96 100

61 244.7 127.1 236.0#

63 763.8 95.2 176.8#

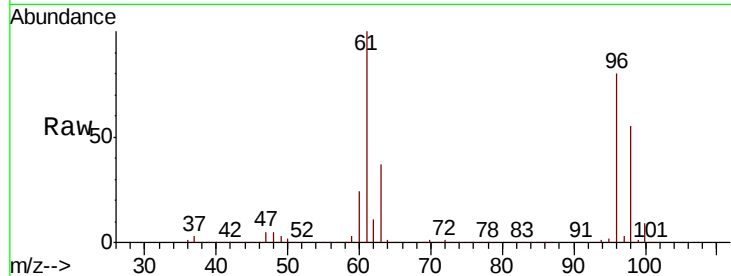




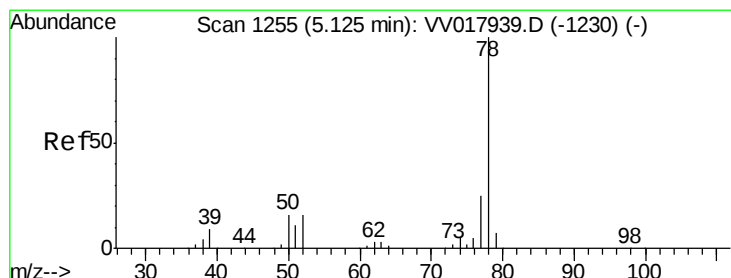
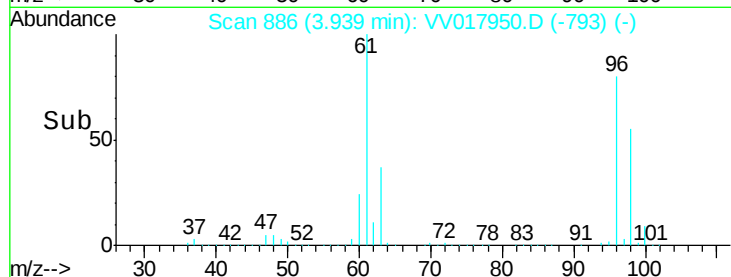
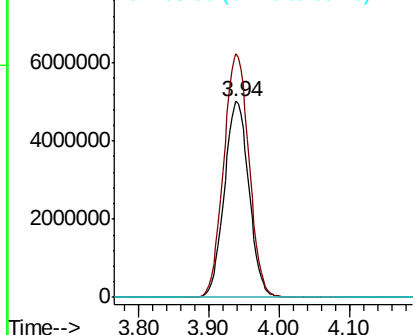
#20
 cis-1,2-Dichloroethene
 Concen: 6369.820 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: VV017950.D
 Acq: 13 Aug 2020 01:20

Instrument :
 MSVOA_V
 ClientSampled :
 F4L26

Tot Ion: 96 Resp:12259161
 Ion Ratio Lower Upper
 96 100
 61 124.5 95.0 176.4
 68 0.0 0.0 0.0

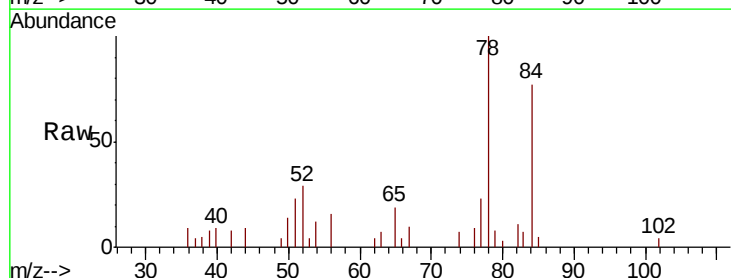


Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.00 (60.70 to 61.70): VV0
 Ion 68.00 (67.70 to 68.70): VV0

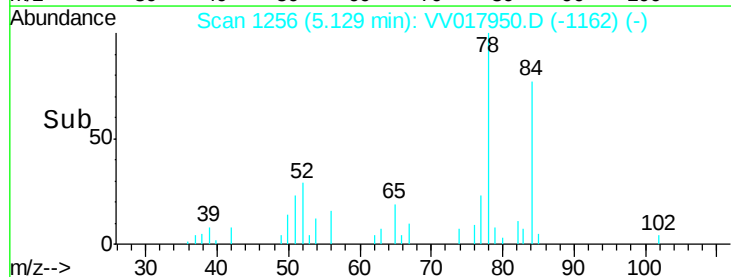
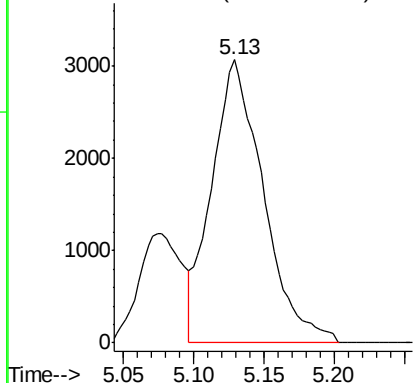


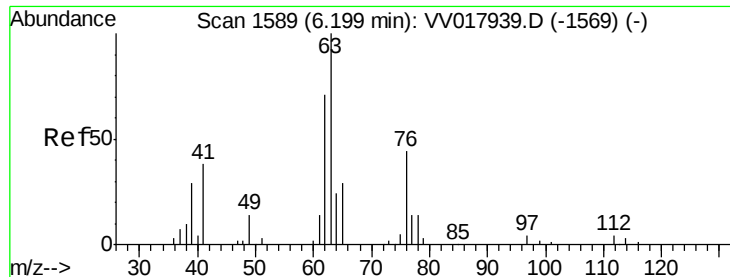
#33
 Benzene
 Concen: 1.011 ug/L
 RT: 5.13 min Scan# 1256
 Delta R.T. 0.00 min
 Lab File: VV017950.D
 Acq: 13 Aug 2020 01:20

Tgt Ion: 78 Resp: 7859



Abundance Ion 78.00 (77.70 to 78.70): VV0

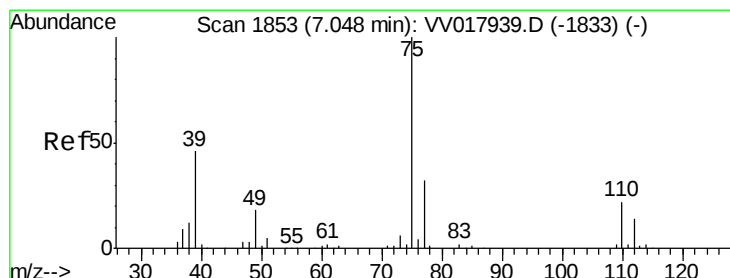
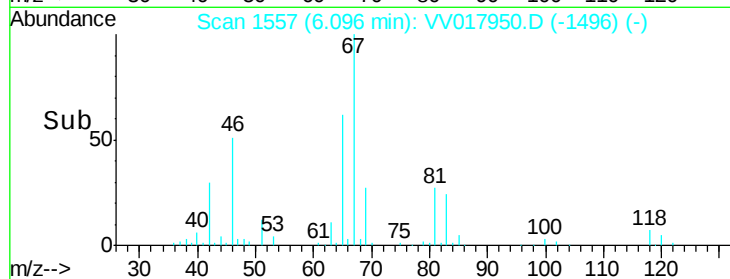
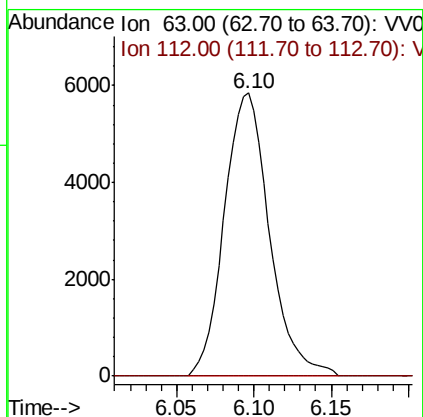
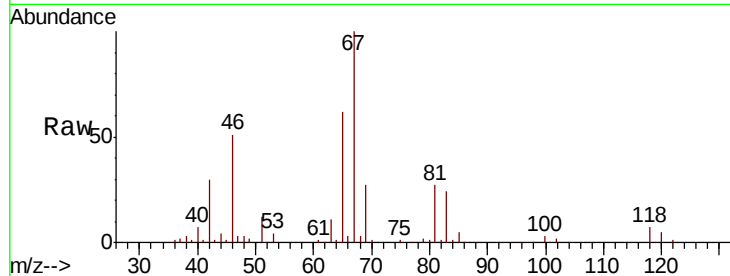




#37
 1,2-Dichloropropane
 Concen: 5.594 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV017950.D
 Acq: 13 Aug 2020 01:20

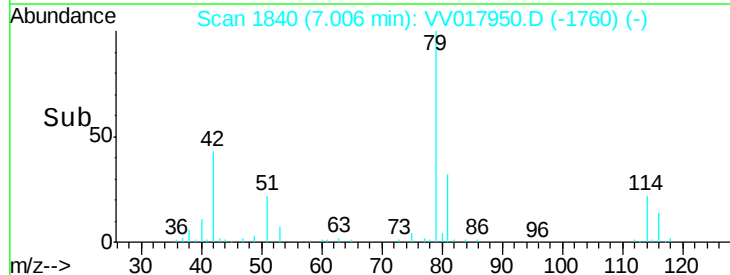
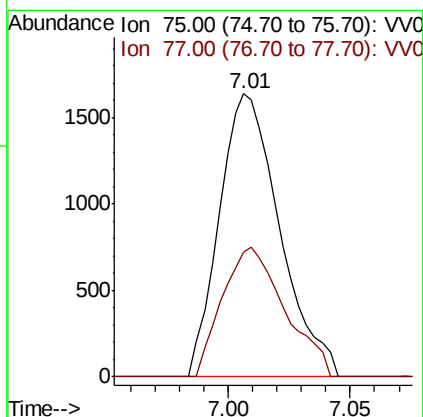
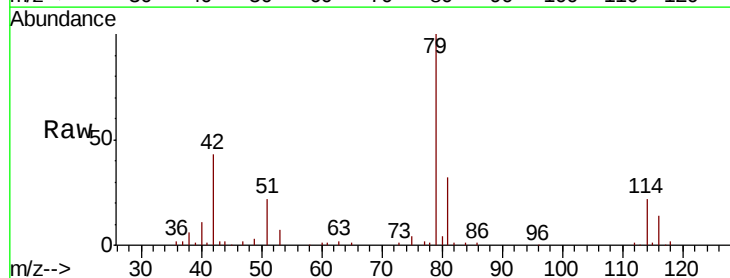
Instrument :
 MSVOA_V
 ClientSampleId :
 F4L26

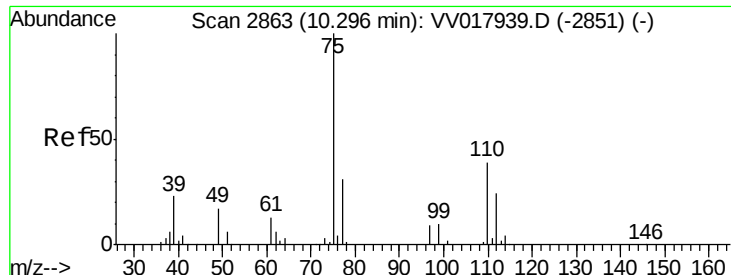
Tot Ion: 63 Resp: 11860
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.936 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV017950.D
 Acq: 13 Aug 2020 01:20

Tgt Ion: 75 Resp: 2813
 Ion Ratio Lower Upper
 75 100
 77 44.0 22.3 41.5#





#59

1,2,3-Trichloropropane

Concen: 5.287 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV017950.D

Acq: 13 Aug 2020 01:20

Instrument :

MSVOA_V

ClientSampleId :

F4L26

Tot Ion: 75 Resp: 13845

Ion Ratio Lower Upper

75 100

77 39.5 25.7 38.5#

