

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081020\
 Data File : VV017887.D
 Acq On : 10 Aug 2020 10:51
 Operator : SY/MD
 Sample : L3608-18
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 11 02:20:12 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	231730	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	217559	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	110695	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	57627	48.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.30%
7) Chloroethane-d5	1.58	69	53974	53.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.18%
11) 1,1-Dichloroethene-d2	2.12	63	106695	37.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.22%
21) 2-Butanone-d5	3.91	46	87441	116.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.68%
24) Chloroform-d	4.37	84	156152	49.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.52%
26) 1,2-Dichloroethane-d4	5.06	65	120933	53.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.08%
32) Benzene-d6	5.07	84	271648	54.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.14%
36) 1,2-Dichloropropane-d6	6.09	67	70086	55.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.04%
41) Toluene-d8	7.34	98	259705	51.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.86%
43) trans-1,3-Dichloropropene-	7.64	79	34210	41.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.42%
47) 2-Hexanone-d5	8.11	63	55552	120.41	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	120.41%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	104509	52.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.26%
64) 1,2-Dichlorobenzene-d4	11.65	152	123025	54.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.04%

Target Compounds

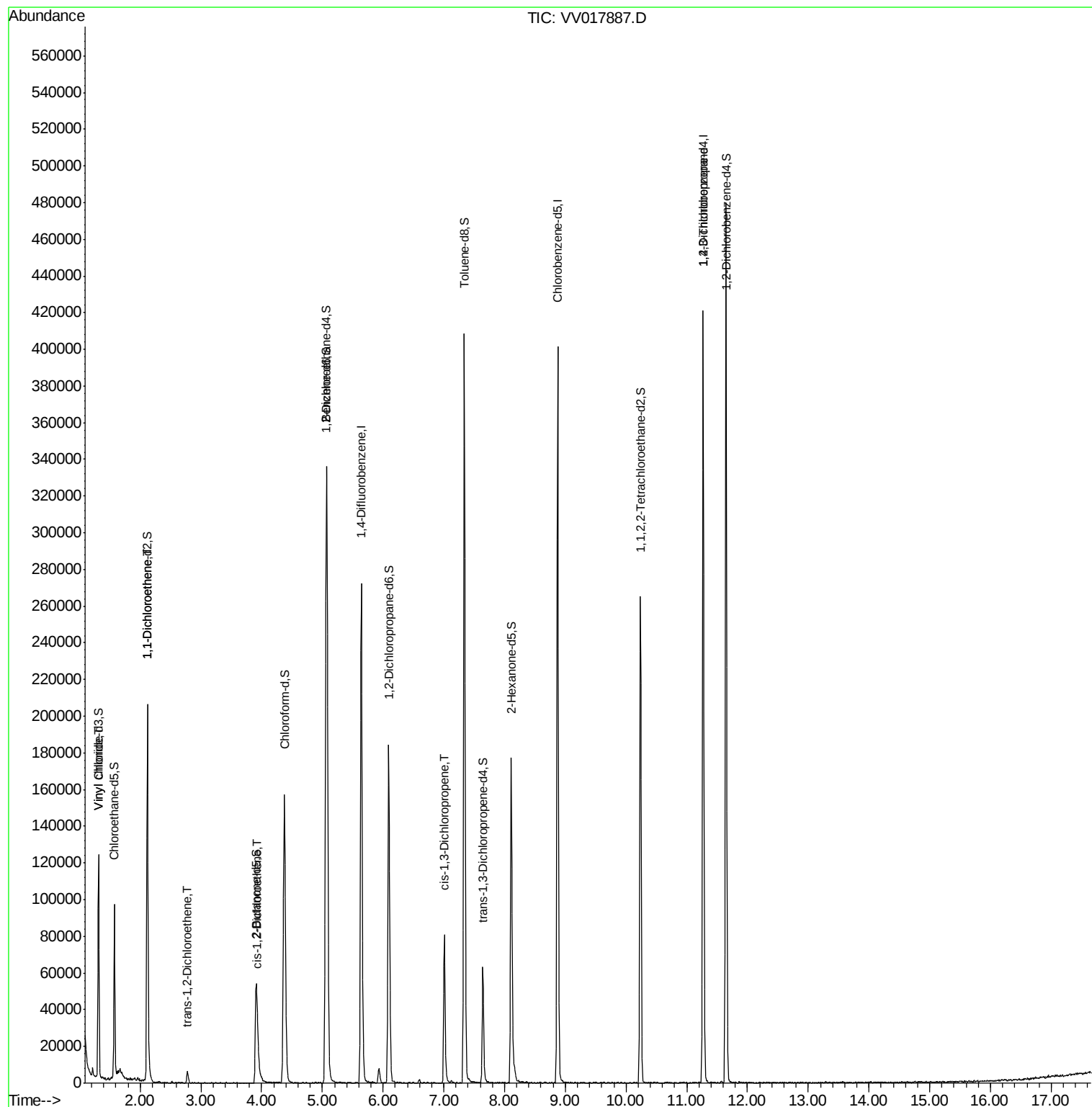
					Ovalue
5) Vinyl chloride	1.32	62	15819	11.683 ug/L	89
12) 1,1-Dichloroethene	2.12	96	1050	0.769 ug/L #	1
17) trans-1,2-Dichloroethene	2.78	96	2635	1.891 ug/L #	64
20) cis-1,2-Dichloroethene	3.94	96	2271	1.509 ug/L	96
39) cis-1,3-Dichloropropene	7.00	75	2252	1.164 ug/L	82
59) 1,2,3-Trichloropropane	11.27	75	8990	5.188 ug/L #	68

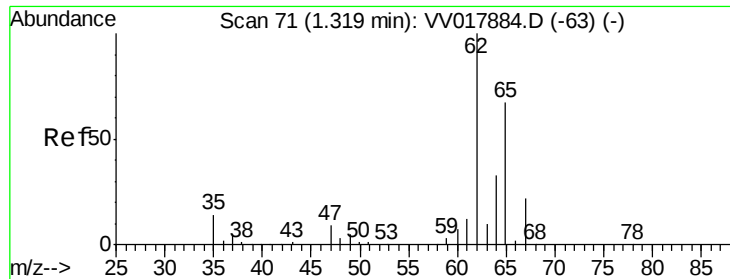
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Aug 11 01:17:50 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 11.683 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV017887.D

Acq: 10 Aug 2020 10:51

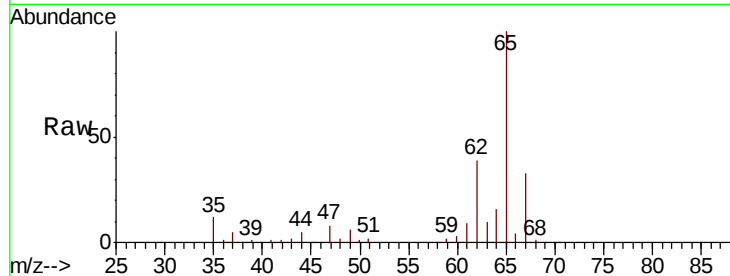
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 62 Resp: 15819

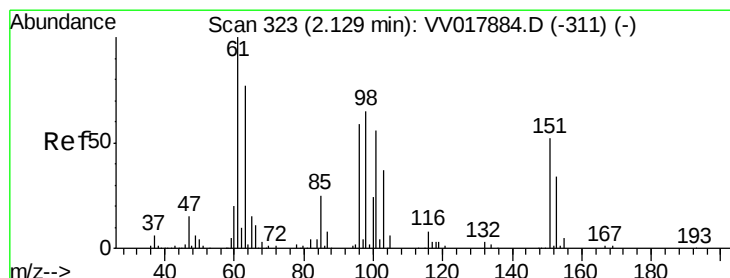
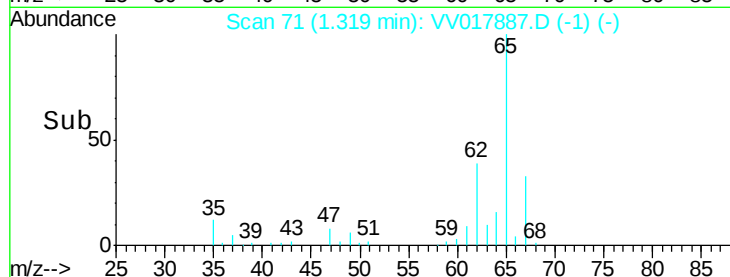
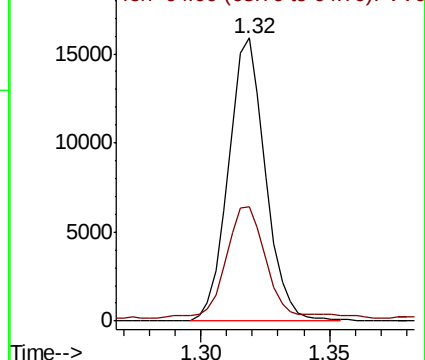
Ion Ratio Lower Upper

62 100

64 40.6 24.0 44.6



Abundance Ion 62.00 (61.70 to 62.70): VV0
Ion 64.00 (63.70 to 64.70): VV0



#12

1,1-Dichloroethene

Concen: 0.769 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017887.D

Acq: 10 Aug 2020 10:51

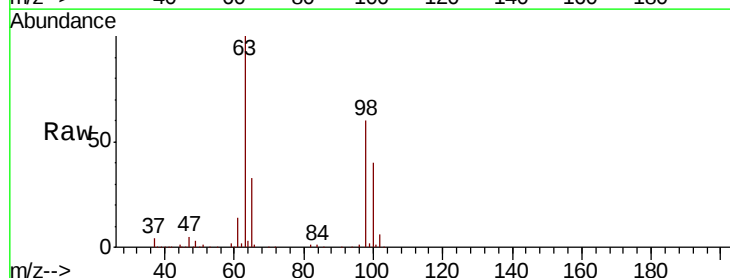
Tgt Ion: 96 Resp: 1050

Ion Ratio Lower Upper

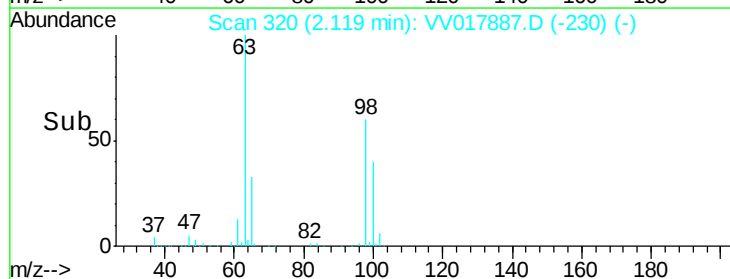
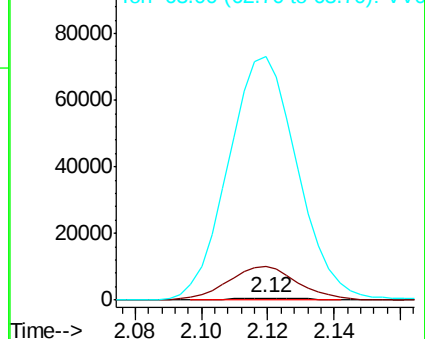
96 100

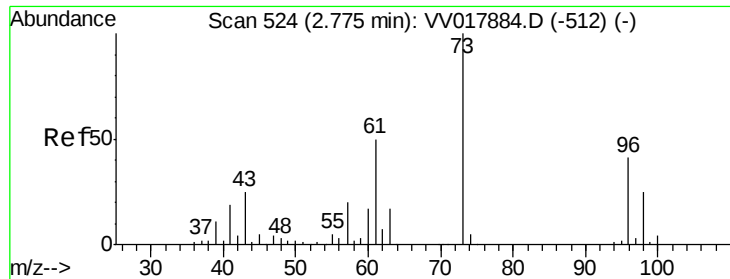
61 1488.5 121.1 224.9#

63 10952.9 98.1 182.1#



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 63.00 (62.70 to 63.70): VV0





#17

trans-1,2-Dichloroethene

Concen: 1.891 ug/L

RT: 2.78 min Scan# 524

Delta R.T. -0.00 min

Lab File: VV017887.D

Acq: 10 Aug 2020 10:51

Instrument :
MSVOA_V
ClientSampleId :

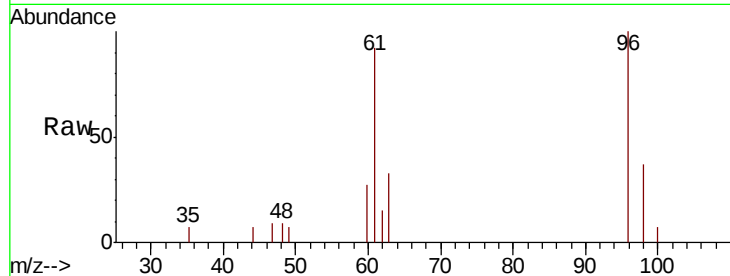
Tot Ion: 96 Resp: 2635

Ion Ratio Lower Upper

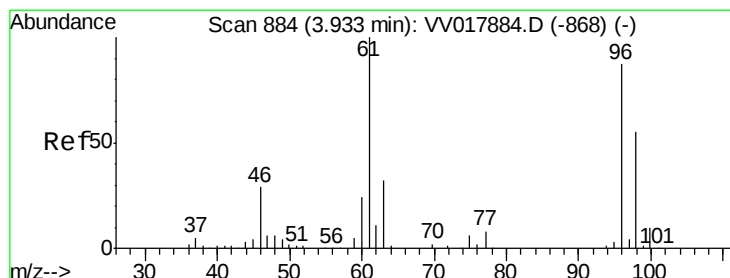
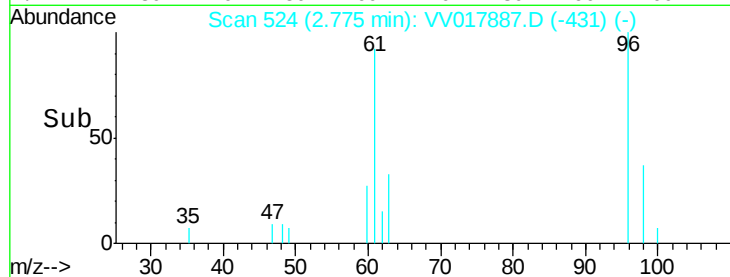
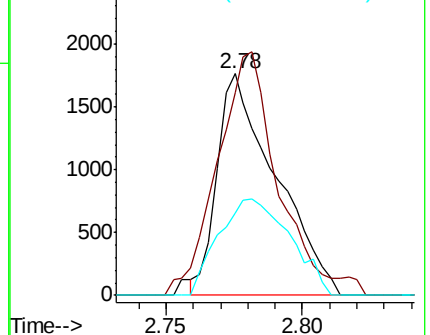
96 100

61 91.5 92.4 171.6#

98 37.0 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: 1.509 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.01 min

Lab File: VV017887.D

Acq: 10 Aug 2020 10:51

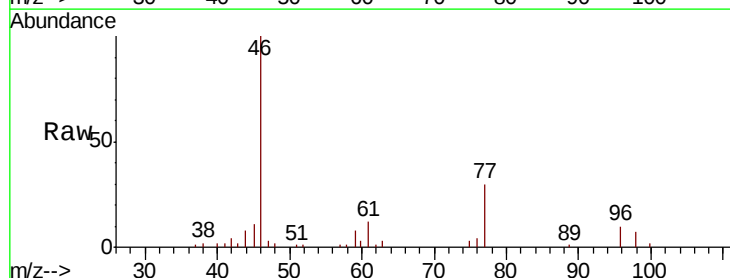
Tgt Ion: 96 Resp: 2271

Ion Ratio Lower Upper

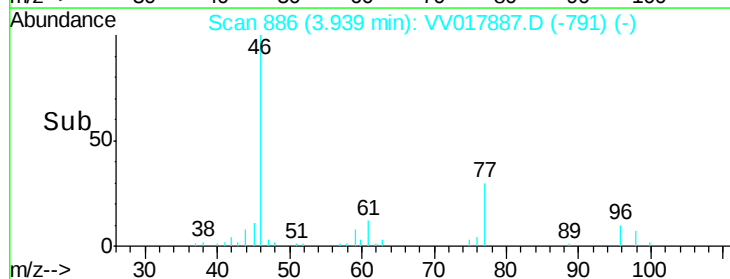
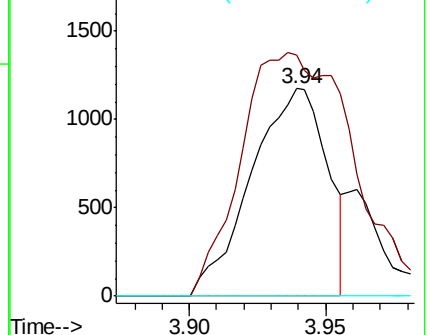
96 100

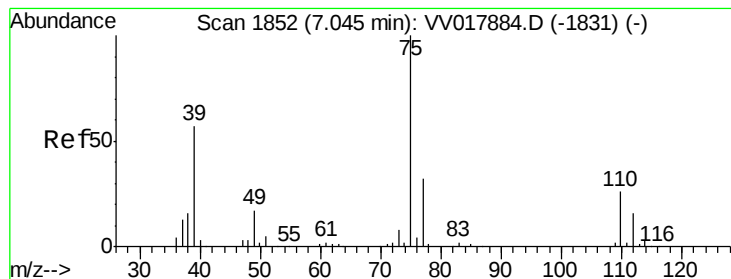
61 115.9 84.4 156.8

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



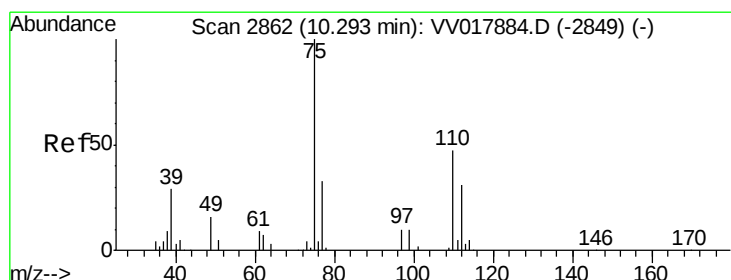
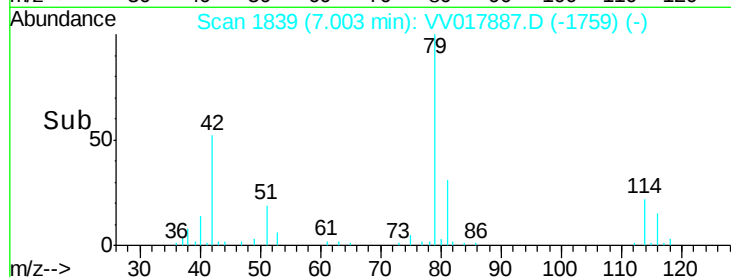
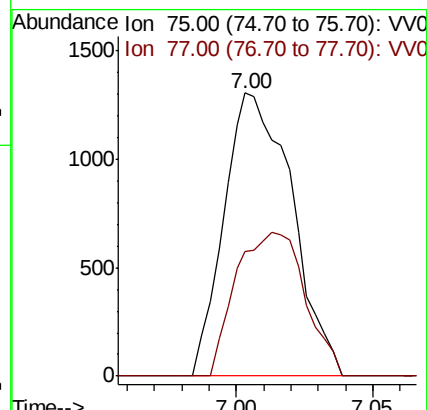
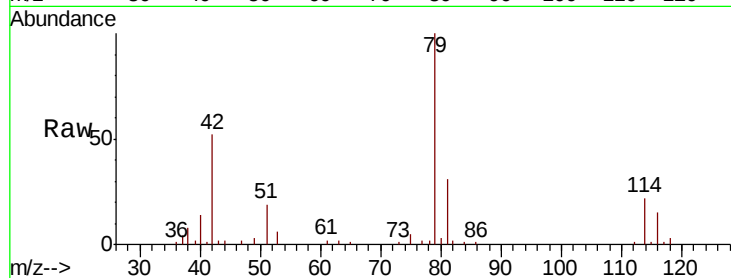


#39

cis-1,3-Dichloropropene
Concen: 1.164 ug/L
RT: 7.00 min Scan# 1839
Delta R.T. -0.04 min
Lab File: VV017887.D
Acq: 10 Aug 2020 10:51

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 75 Resp: 2252
Ion Ratio Lower Upper
75 100
77 43.9 23.7 44.1



#59

1,2,3-Trichloropropane
Concen: 5.188 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV017887.D
Acq: 10 Aug 2020 10:51

Tgt Ion: 75 Resp: 8990
Ion Ratio Lower Upper
75 100
77 51.2 26.4 39.6#

