

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022120\
 Data File : VV014681.D
 Acq On : 22 Feb 2020 02:35
 Operator : SY/MD
 Sample : L1608-13 50X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 24 04:39:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM022120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Feb 24 04:25:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	213496	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	199559	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	93808	50.00	ug/L	0.00

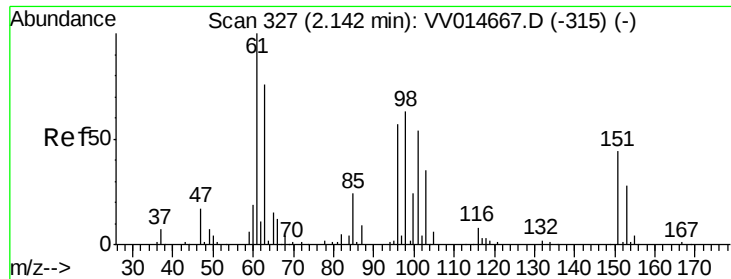
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32225	38.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.30%
7) Chloroethane-d5	1.59	69	27255	45.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.13	63	54859	35.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.60%
21) 2-Butanone-d5	3.96	46	76342	98.50	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.50%
24) Chloroform-d	4.40	84	134171	49.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.30%
26) 1,2-Dichloroethane-d4	5.08	65	91732	52.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.12%
32) Benzene-d6	5.10	84	265162	50.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.11	67	77487	50.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.62%
41) Toluene-d8	7.36	98	245728	48.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.60%
43) trans-1,3-Dichloropropene-	7.66	79	39343	45.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.20%
47) 2-Hexanone-d5	8.14	63	61394	99.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.46%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	109406	51.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.54%
64) 1,2-Dichlorobenzene-d4	11.67	152	97044	52.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.74%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	486	0.672 ug/L #	17
12) 1,1-Dichloroethene	2.13	96	496	0.762 ug/L #	1
25) Chloroform	4.43	83	4853	1.834 ug/L	95
34) Trichloroethene	5.96	95	1694	1.131 ug/L	85
35) Methylcyclohexane	6.11	83	21000	9.820 ug/L #	20
37) 1,2-Dichloropropane	6.12	63	9456	7.512 ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2737	1.218 ug/L	90
59) 1,2,3-Trichloropropane	11.29	75	10430	6.124 ug/L #	84

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



#10

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

Concen: 0.672 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV014681.D

Acq: 22 Feb 2020 02:35

Instrument :

MSVOA_V

ClientSampled :

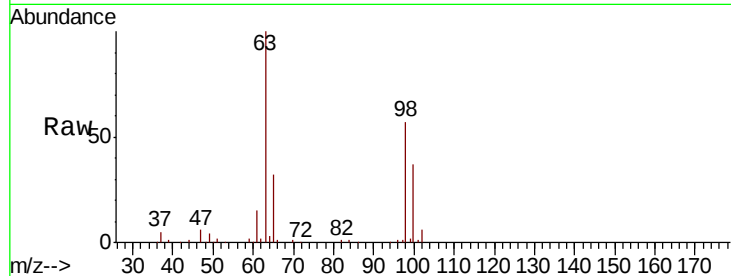
Tot Ion:101 Resp: 486

Ion Ratio Lower Upper

101 100

85 0.0 37.3 55.9#

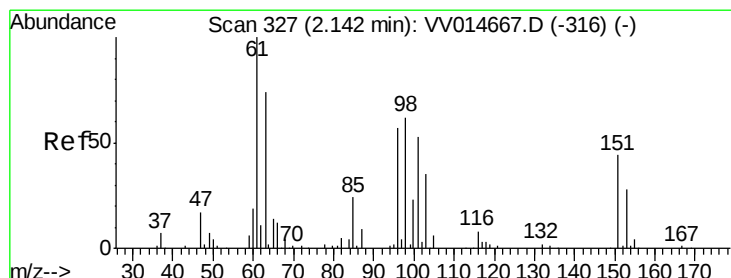
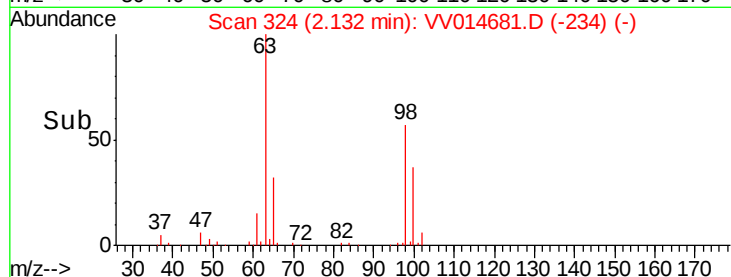
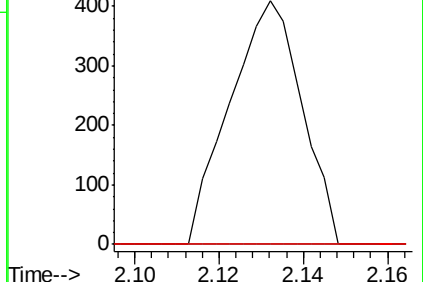
151 0.0 64.6 96.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.762 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV014681.D

Acq: 22 Feb 2020 02:35

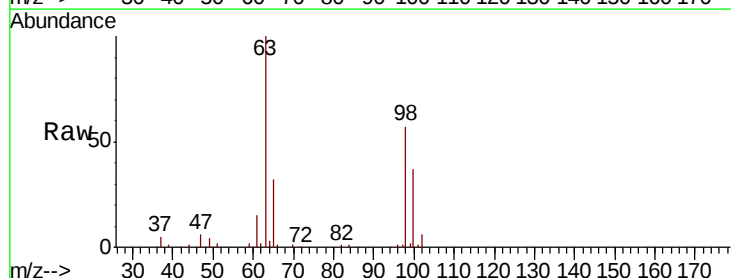
Tgt Ion: 96 Resp: 496

Ion Ratio Lower Upper

96 100

61 1576.2 124.5 231.1#

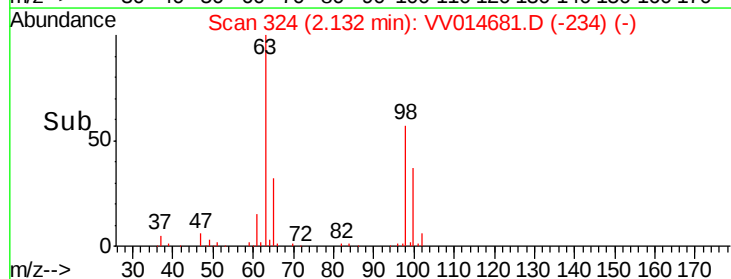
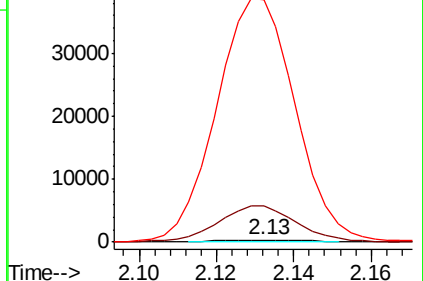
63 10688.1 98.1 182.1#

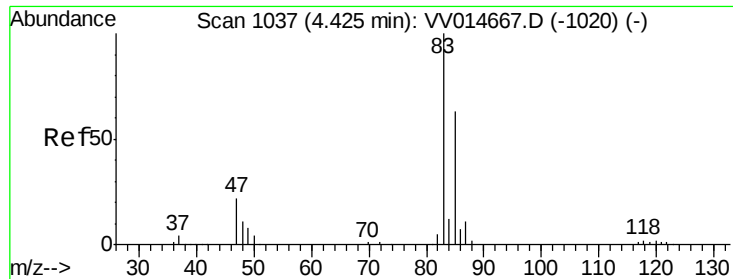


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

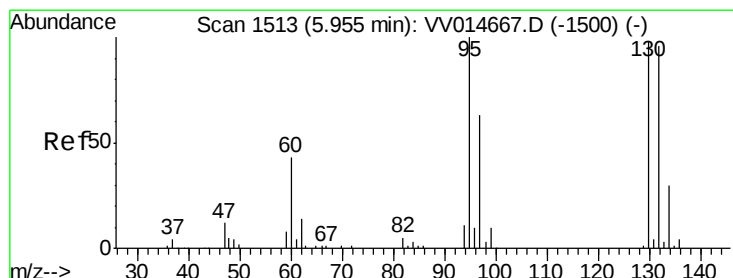
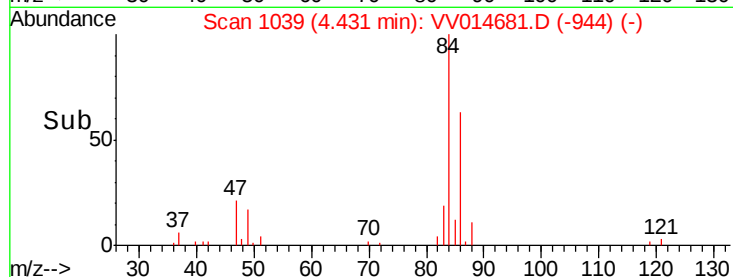
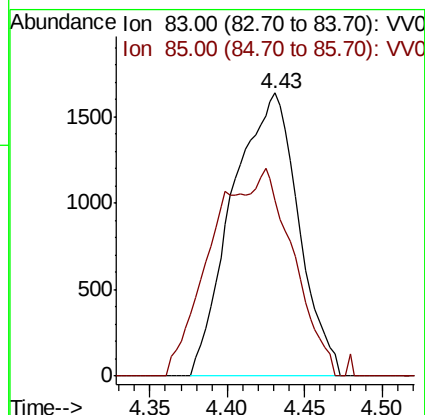
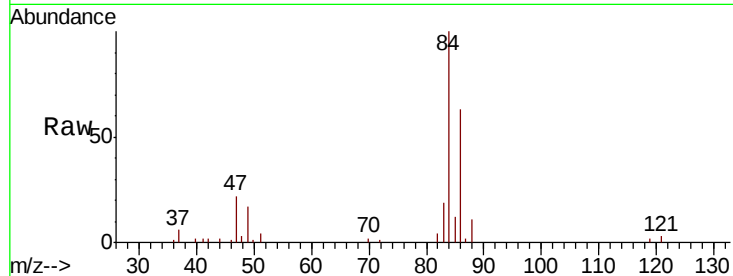




#25
Chloroform
Concen: 1.834 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VV014681.D
Acq: 22 Feb 2020 02:35

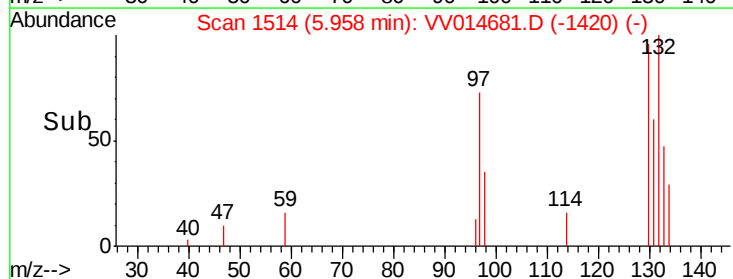
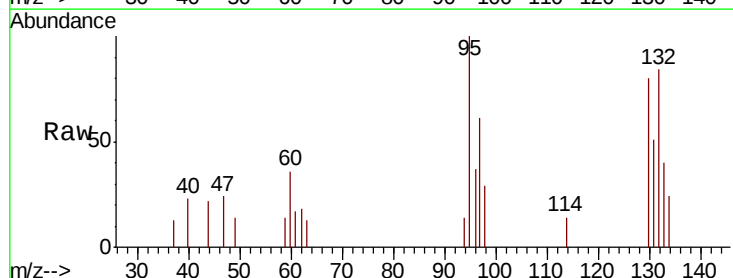
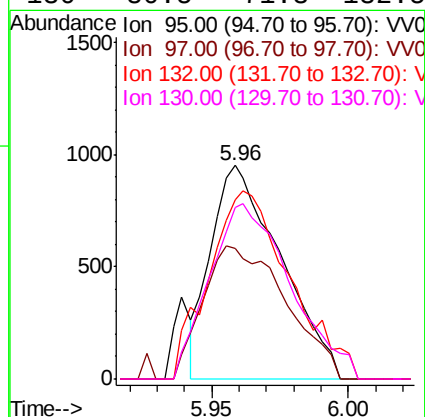
Instrument :
MSVOA_V
ClientSampleId :

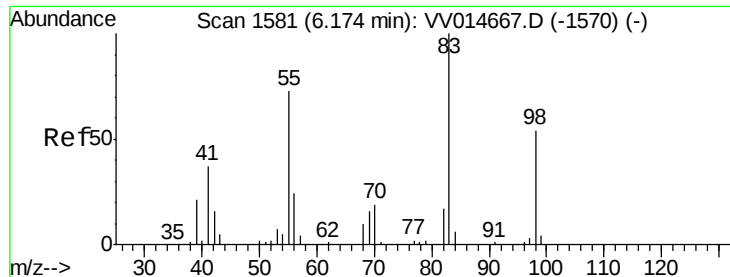
Tot Ion: 83 Resp: 4853
Ion Ratio Lower Upper
83 100
85 62.1 46.1 85.7



#34
Trichloroethene
Concen: 1.131 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV014681.D
Acq: 22 Feb 2020 02:35

Tgt Ion: 95 Resp: 1694
Ion Ratio Lower Upper
95 100
97 61.2 44.3 82.3
132 83.8 69.7 129.4
130 80.5 71.3 132.5

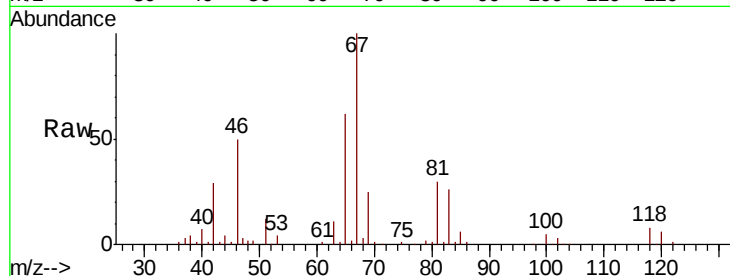




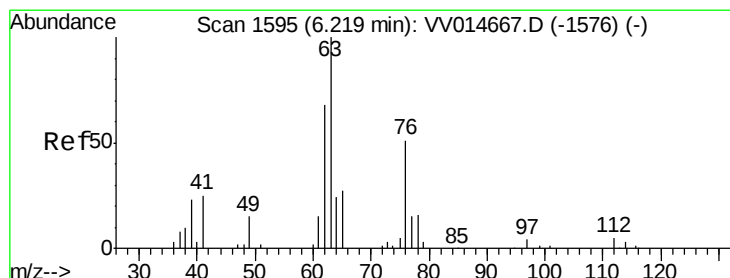
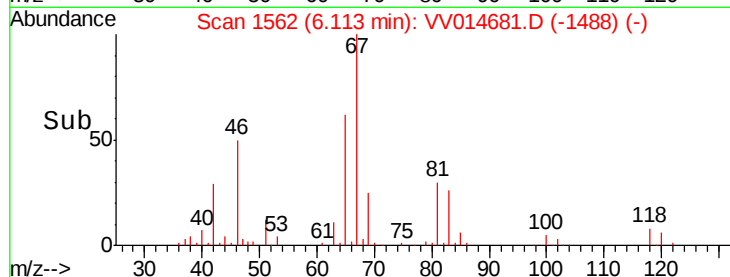
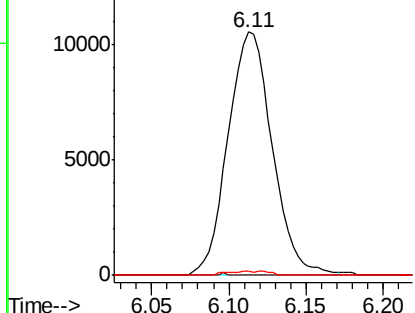
#35
Methvlcvclohexane
Concen: 9.820 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV014681.D
Acq: 22 Feb 2020 02:35

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 21000
Ion Ratio Lower Upper
83 100
55 0.0 56.1 84.1#
98 0.6 40.4 60.6#

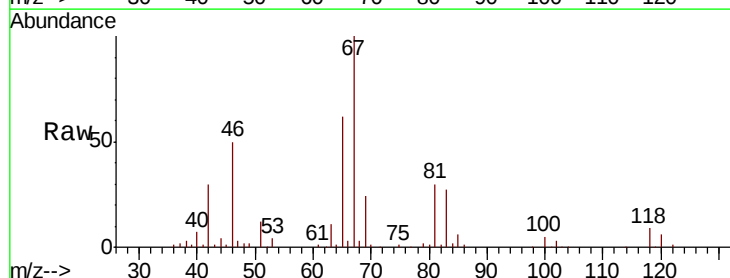


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

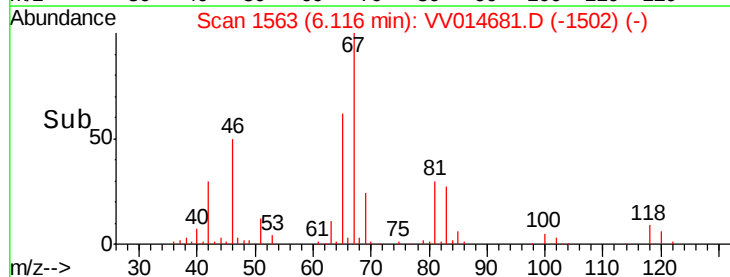
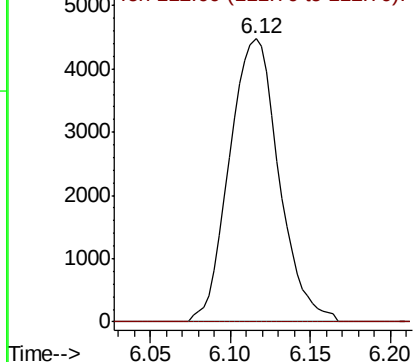


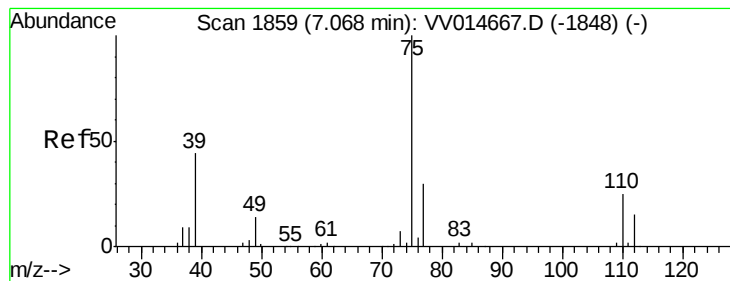
#37
1,2-Dichloropropane
Concen: 7.512 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV014681.D
Acq: 22 Feb 2020 02:35

Tgt Ion: 63 Resp: 9456
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V



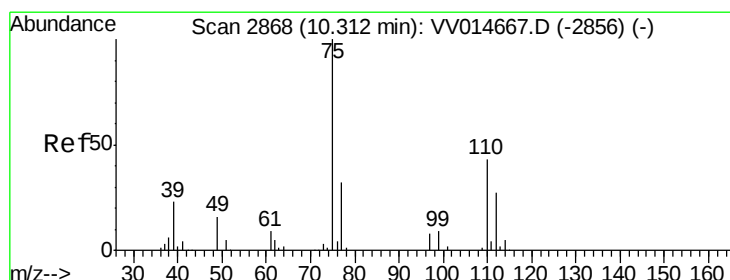
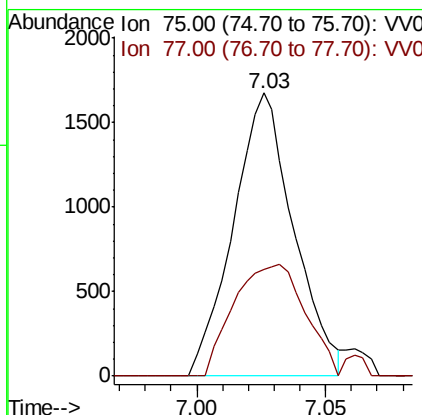
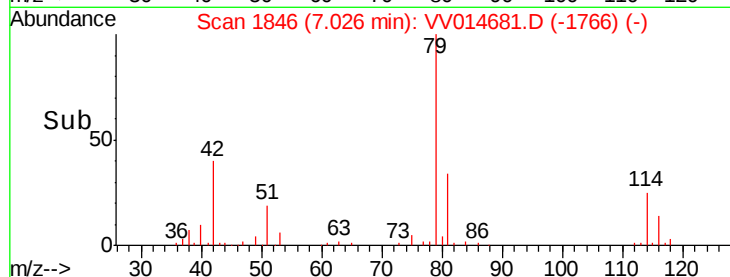
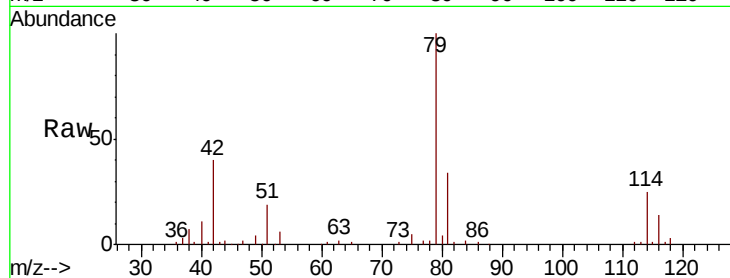


#39

cis-1,3-Dichloropropene
Concen: 1.218 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV014681.D
Acq: 22 Feb 2020 02:35

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 75 Resp: 2737
Ion Ratio Lower Upper
75 100
77 37.6 22.4 41.6



#59

1,2,3-Trichloropropane
Concen: 6.124 ug/L
RT: 11.29 min Scan# 3172
Delta R.T. 0.98 min
Lab File: VV014681.D
Acq: 22 Feb 2020 02:35

Tgt Ion: 75 Resp: 10430
Ion Ratio Lower Upper
75 100
77 40.8 25.7 38.5#

