

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022120\
 Data File : VV014683.D
 Acq On : 22 Feb 2020 03:21
 Operator : SY/MD
 Sample : L1608-15 50X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 24 04:39:34 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	224399	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	209426	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	98987	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32011	36.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.06%
7) Chloroethane-d5	1.59	69	26778	42.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.32%
11) 1,1-Dichloroethene-d2	2.13	63	53858	32.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.94%
21) 2-Butanone-d5	3.96	46	74746	91.75	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.75%
24) Chloroform-d	4.40	84	128291	44.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.42%
26) 1,2-Dichloroethane-d4	5.08	65	88307	48.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.28%
32) Benzene-d6	5.10	84	253398	45.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.42%
36) 1,2-Dichloropropane-d6	6.11	67	74842	46.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.62%
41) Toluene-d8	7.36	98	238586	44.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.38%
43) trans-1,3-Dichloropropene-	7.66	79	38002	41.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.94%
47) 2-Hexanone-d5	8.14	63	58529	90.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.35%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	105574	47.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.28%
64) 1,2-Dichlorobenzene-d4	11.67	152	92249	47.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.26%

Target Compounds

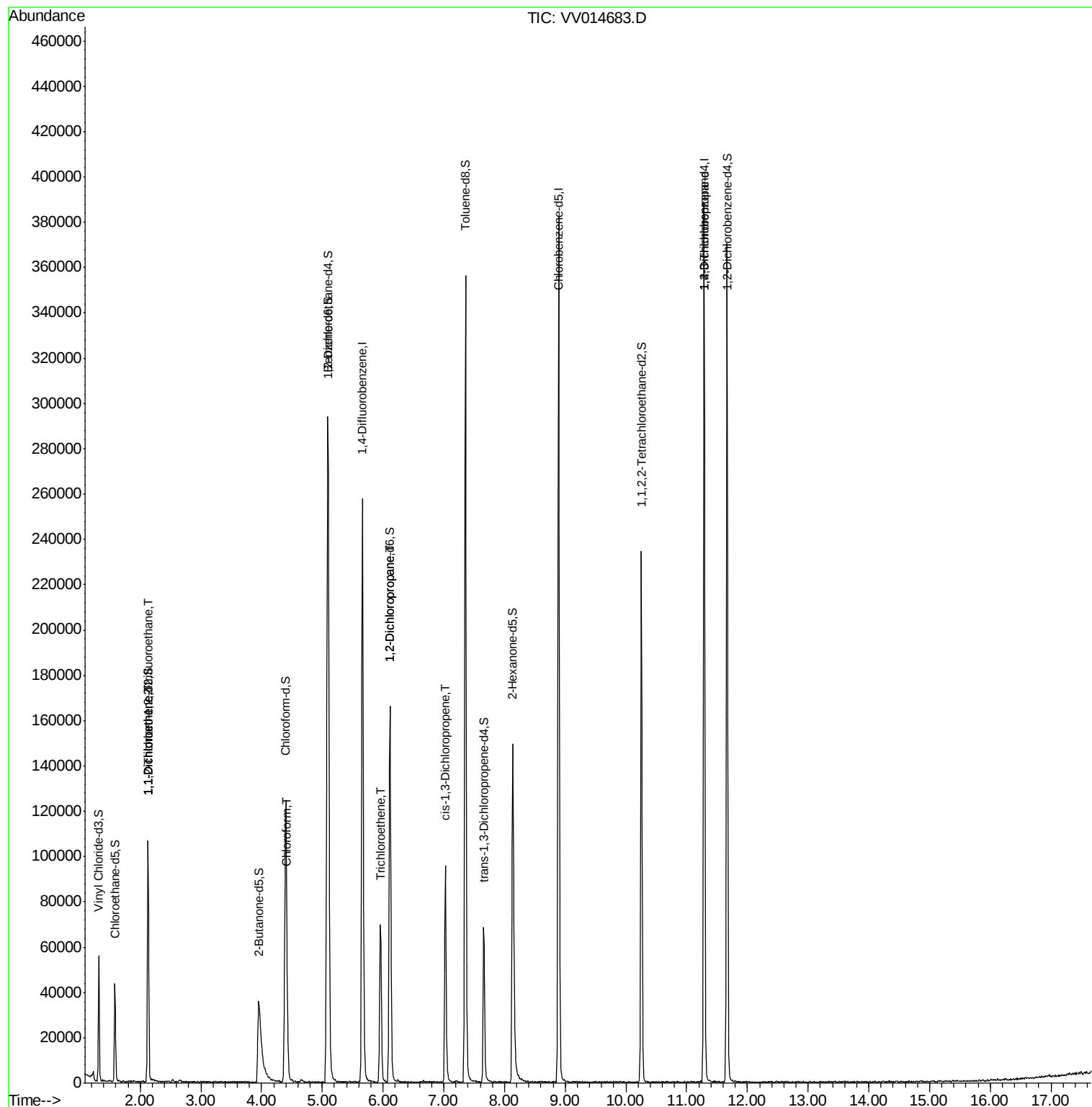
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	586	0.771 ug/L #	17
12) 1,1-Dichloroethene	2.13	96	552	0.807 ug/L #	1
25) Chloroform	4.42	83	4880	1.755 ug/L	96
34) Trichloroethene	5.96	95	24281	15.444 ug/L	97
37) 1,2-Dichloropropane	6.11	63	9262	7.011 ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2590	1.098 ug/L #	69
59) 1,2,3-Trichloropropane	11.29	75	10235	5.726 ug/L #	81

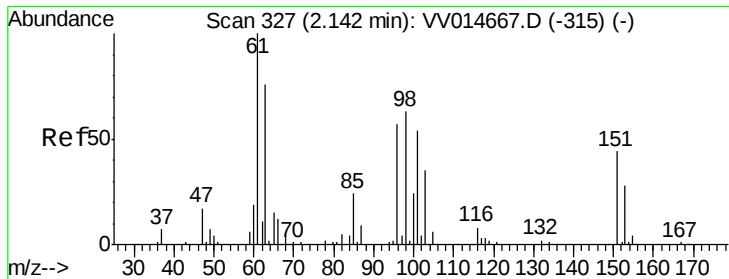
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Mon Feb 24 04:25:56 2020
Response via : Initial Calibration





#10

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

Concen: 0.771 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VV014683.D

Acq: 22 Feb 2020 03:21

Instrument :

MSVOA_V

ClientSampled :

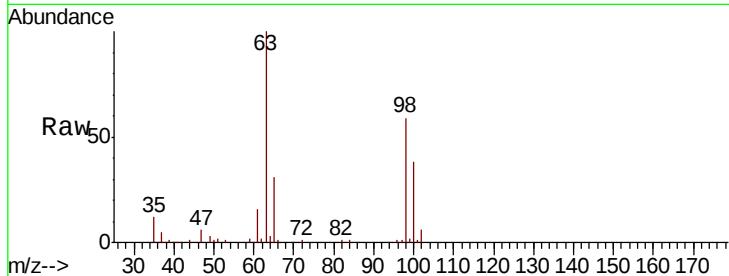
Tot Ion:101 Resp: 586

Ion Ratio Lower Upper

101 100

85 0.0 37.3 55.9#

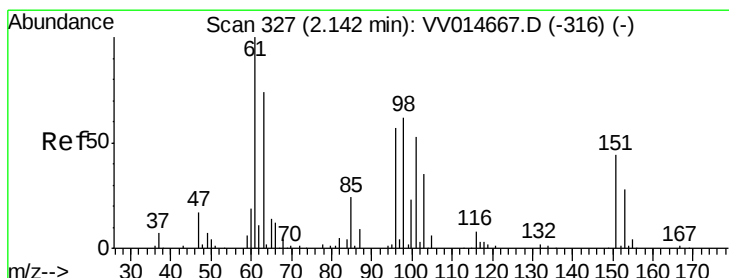
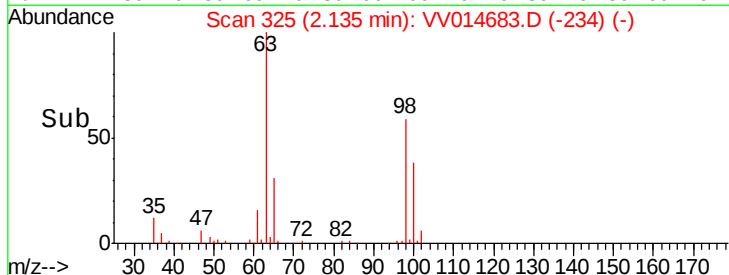
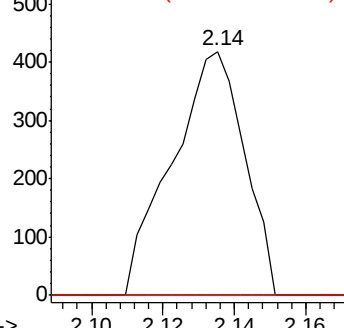
151 0.0 64.6 96.8#



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: 0.807 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV014683.D

Acq: 22 Feb 2020 03:21

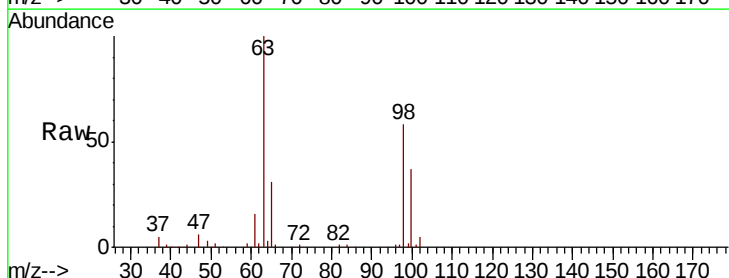
Tgt Ion: 96 Resp: 552

Ion Ratio Lower Upper

96 100

61 1542.3 124.5 231.1#

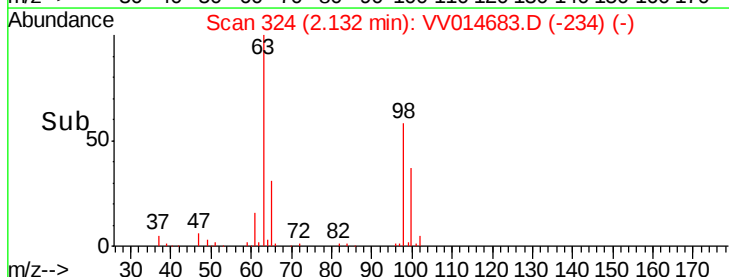
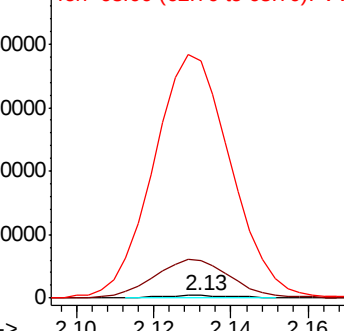
63 9622.7 98.1 182.1#

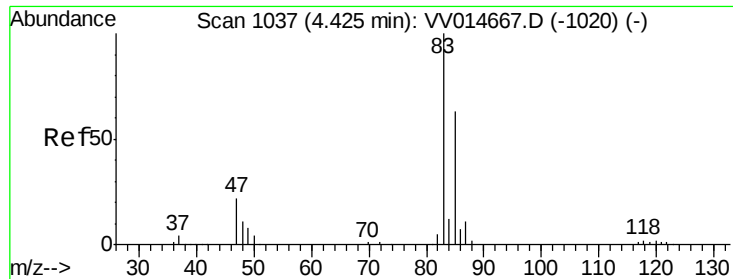


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

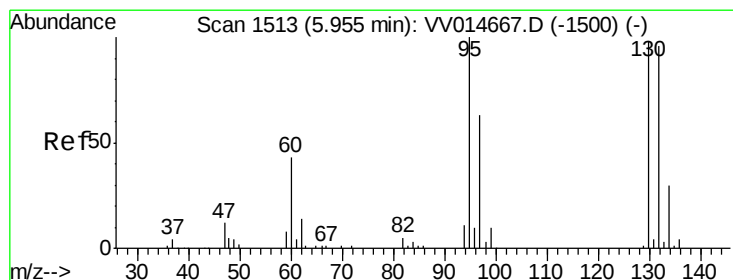
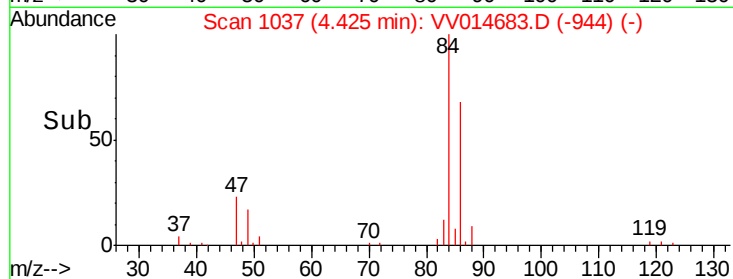
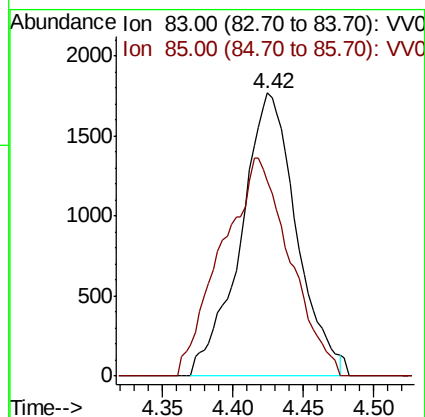
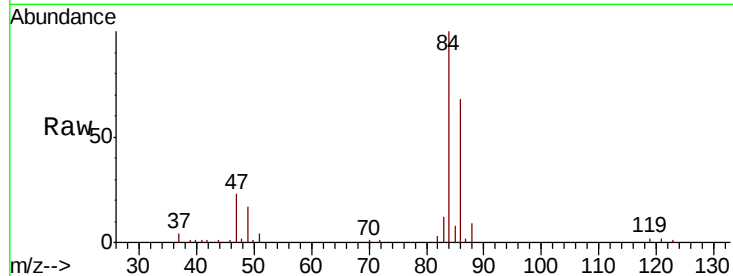




#25
Chloroform
Concen: 1.755 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV014683.D
Acq: 22 Feb 2020 03:21

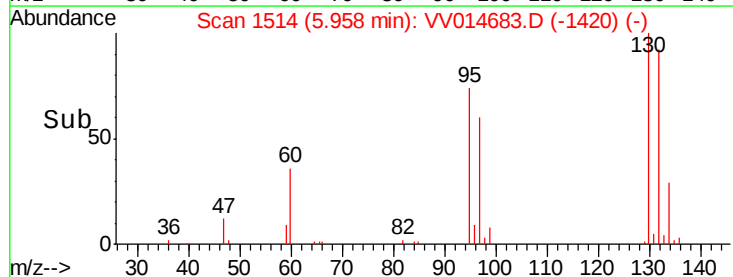
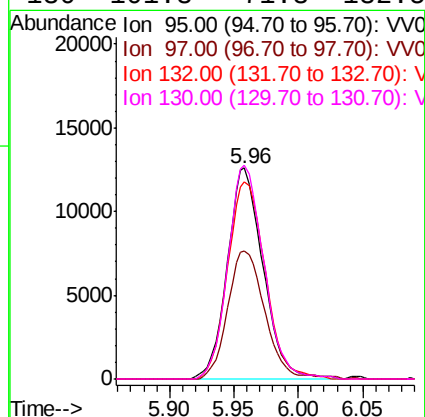
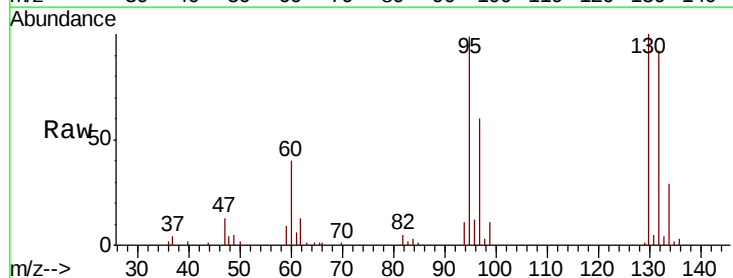
Instrument :
MSVOA_V
ClientSampleId :

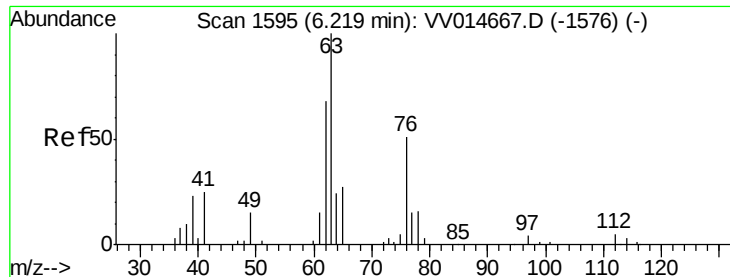
Tot Ion: 83 Resp: 4880
Ion Ratio Lower Upper
83 100
85 68.8 46.1 85.7



#34
Trichloroethene
Concen: 15.444 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV014683.D
Acq: 22 Feb 2020 03:21

Tgt Ion: 95 Resp: 24281
Ion Ratio Lower Upper
95 100
97 60.8 44.3 82.3
132 93.5 69.7 129.4
130 101.3 71.3 132.5

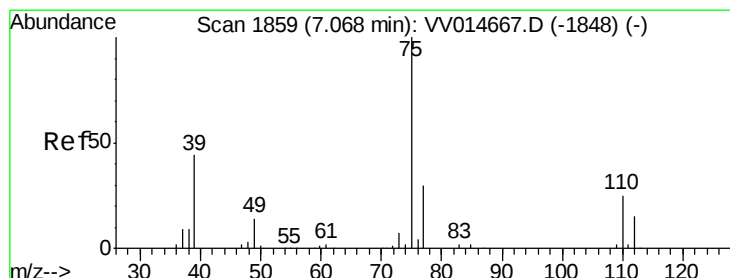
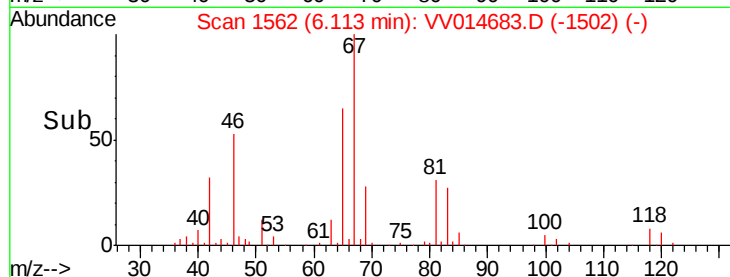
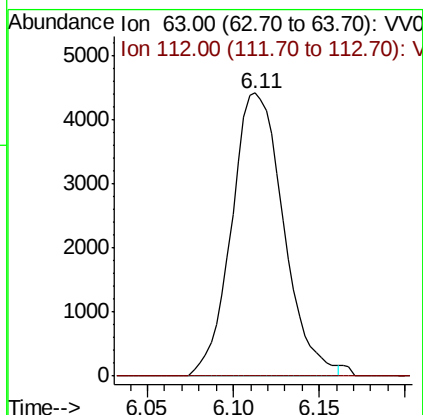
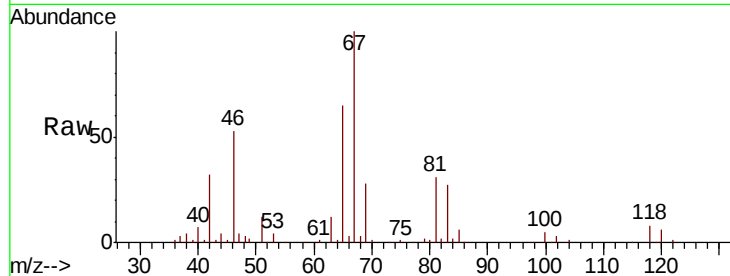




#37
 1,2-Dichloropropane
 Concen: 7.011 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.11 min
 Lab File: VV014683.D
 Acq: 22 Feb 2020 03:21

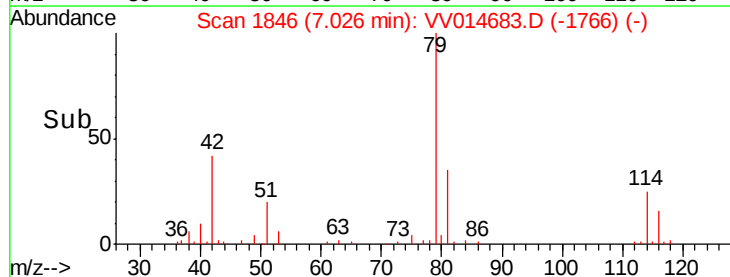
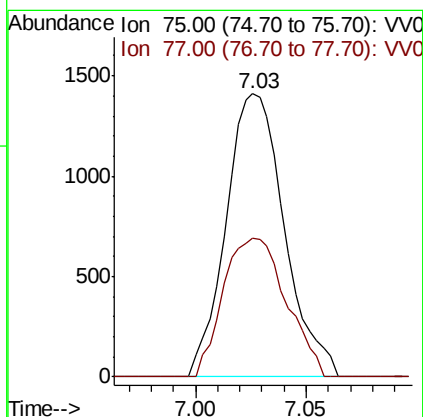
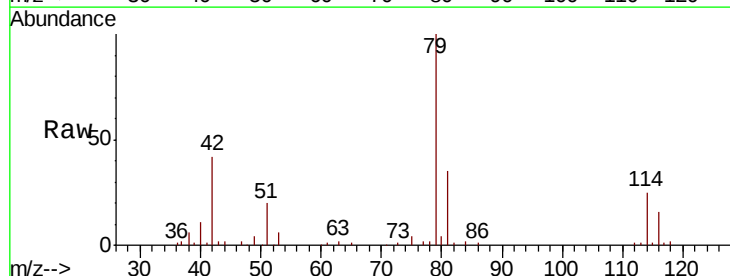
Instrument :
 MSVOA_V
 ClientSampleId :

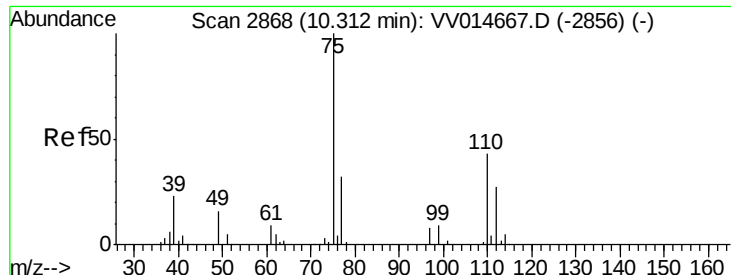
Tot Ion: 63 Resp: 9262
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 1.098 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.04 min
 Lab File: VV014683.D
 Acq: 22 Feb 2020 03:21

Tgt Ion: 75 Resp: 2590
 Ion Ratio Lower Upper
 75 100
 77 49.0 22.4 41.6#





#59

1,2,3-Trichloropropane

Concen: 5.726 ug/L

RT: 11.29 min Scan# 3171

Delta R.T. 0.97 min

Lab File: VV014683.D

Acq: 22 Feb 2020 03:21

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 10235

Ion Ratio Lower Upper

75 100

77 42.5 25.7 38.5#

