

Data File : VV014629.D
Acq On : 20 Feb 2020 17:23
Operator : SY/MD
Sample : L1607-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AP1

Quant Time: Feb 21 03:35:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM021220WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 21 03:31:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	272543	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	254454	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	125671	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	33659	32.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.32%
7) Chloroethane-d5	1.59	69	28383	38.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.12%
11) 1,1-Dichloroethene-d2	2.13	63	52905	30.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.58%
21) 2-Butanone-d5	3.94	46	84417	97.26	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.26%
24) Chloroform-d	4.40	84	131183	42.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.96%
26) 1,2-Dichloroethane-d4	5.08	65	89507	47.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.54%
32) Benzene-d6	5.10	84	273428	44.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.86%
36) 1,2-Dichloropropane-d6	6.11	67	83470	45.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.08%
41) Toluene-d8	7.36	98	251852	43.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.04%
43) trans-1,3-Dichloropropene-	7.66	79	43867	43.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.80%
47) 2-Hexanone-d5	8.13	63	71921	98.20	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.20%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	118696	47.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.42%
64) 1,2-Dichlorobenzene-d4	11.67	152	103545	46.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.26%

Target Compounds

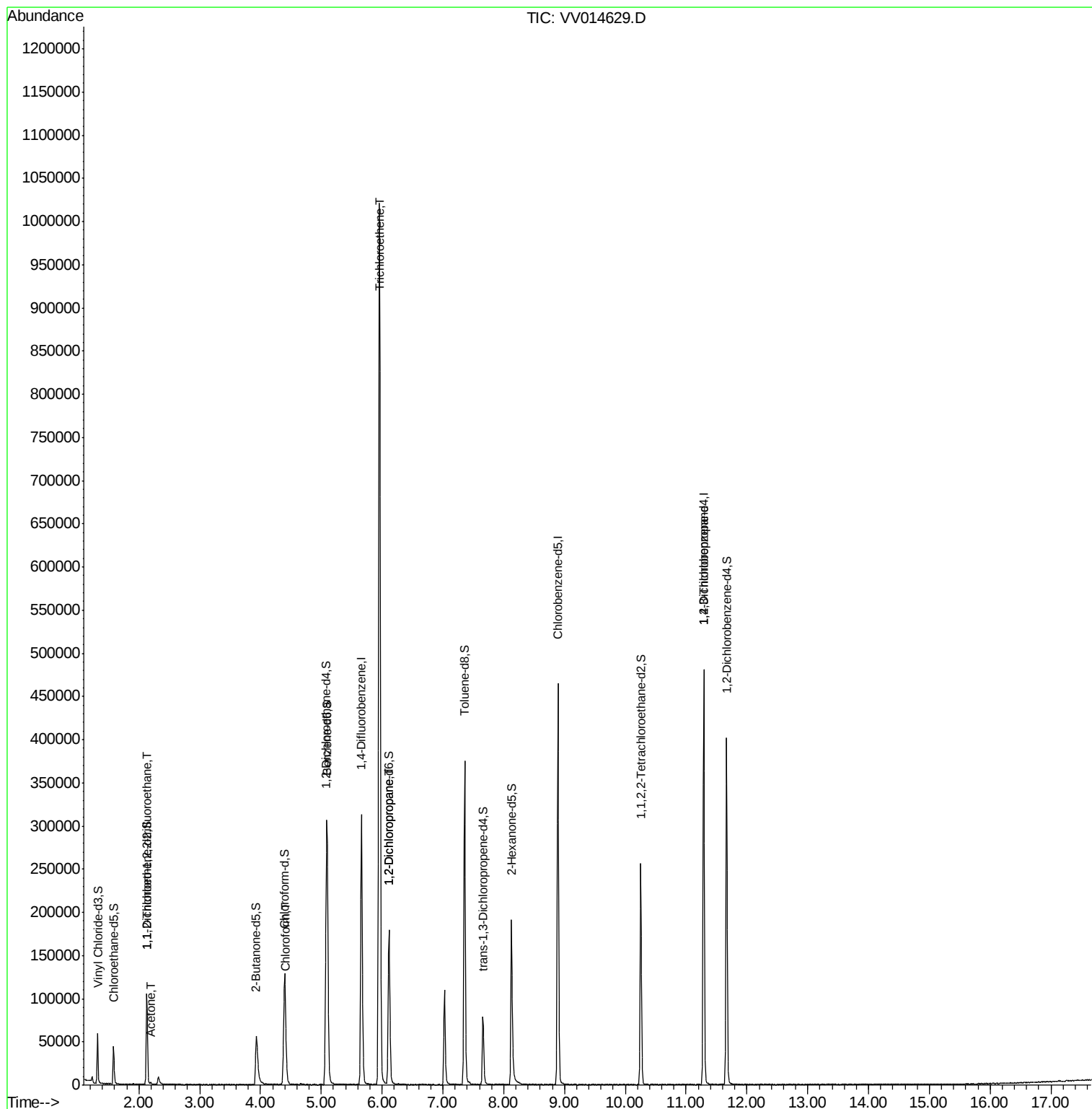
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	628	0.698 ug/L #	22
13) Acetone	2.20	43	2276	3.057 ug/L	95
25) Chloroform	4.42	83	6499	2.032 ug/L	92
34) Trichloroethene	5.96	95	360327	199.869 ug/L	99
37) 1,2-Dichloropropane	6.11	63	10102	6.124 ug/L #	85
59) 1,2,3-Trichloropropane	11.29	75	13612	6.412 ug/L #	83

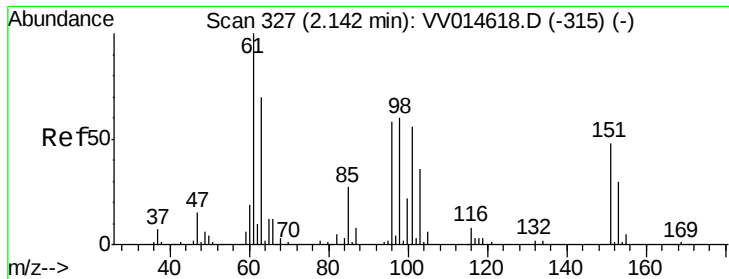
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.698 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.01 min

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Acq: 20 Feb 2020 17:23

Instrument :

MSVOA_V

ClientSampled :

C0AP1

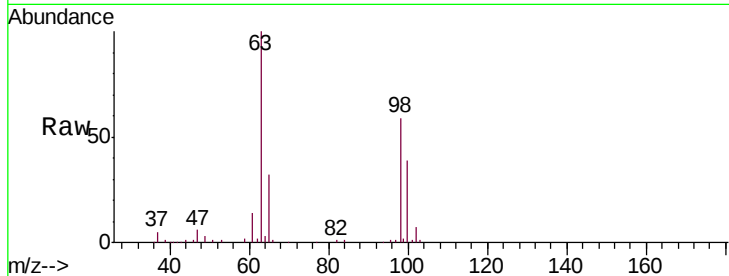
Tgt Ion: 101 Resp: 628

Ion Ratio Lower Upper

101 100

85 0.0 35.4 53.0#

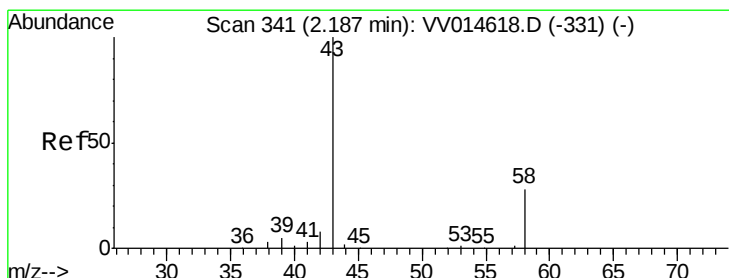
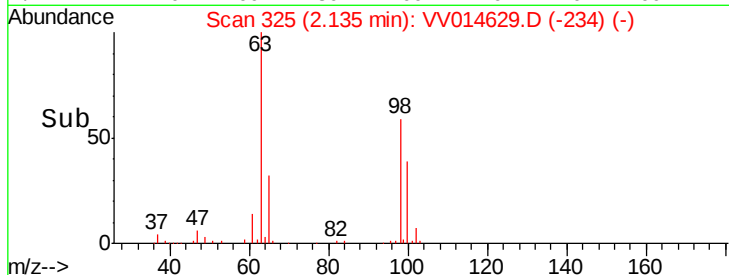
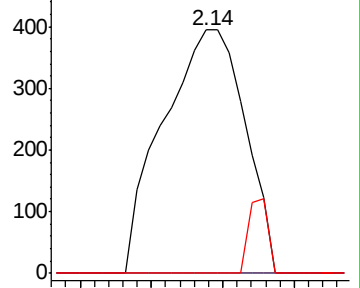
151 7.2 65.4 98.2#



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



#13

Acetone

Concen: 3.057 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.01 min

Lab File: VV014629.D

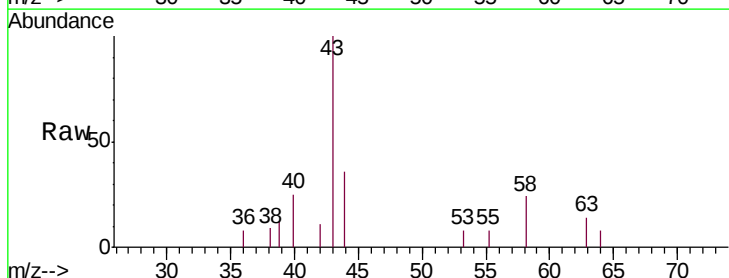
Acq: 20 Feb 2020 17:23

Tgt Ion: 43 Resp: 2276

Ion Ratio Lower Upper

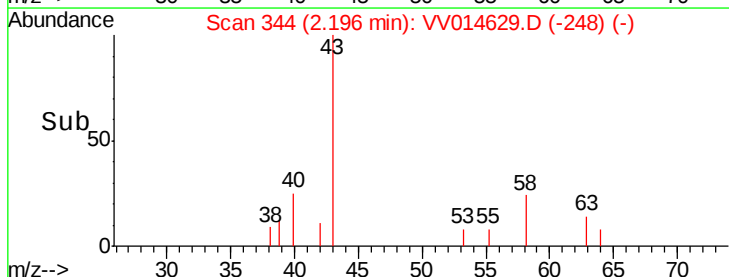
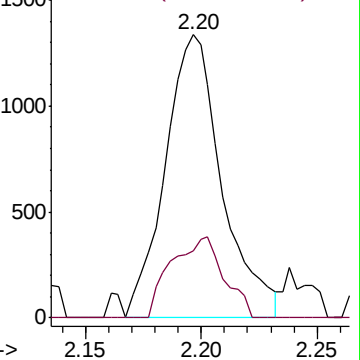
43 100

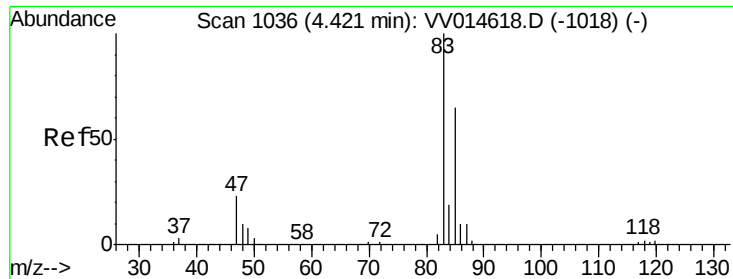
58 26.7 0.0 58.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0





#25

Chloroform

Concen: 2.032 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampled :

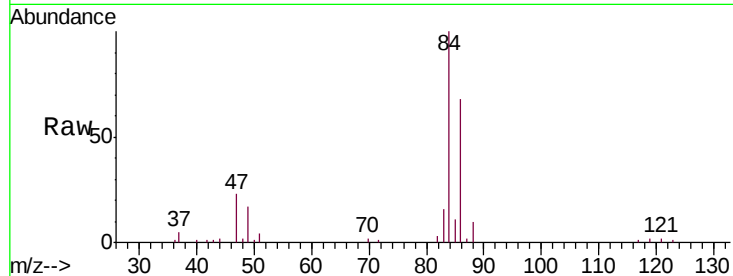
C0AP1

Tgt Ion: 83 Resp: 6499

Ion Ratio Lower Upper

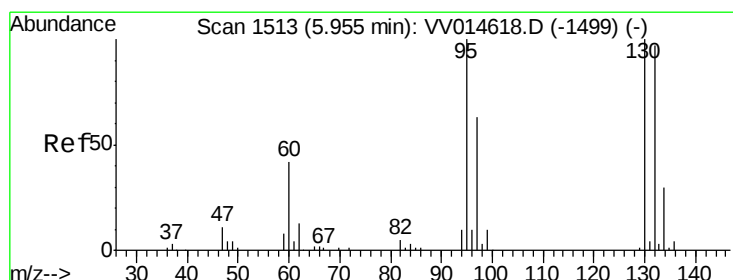
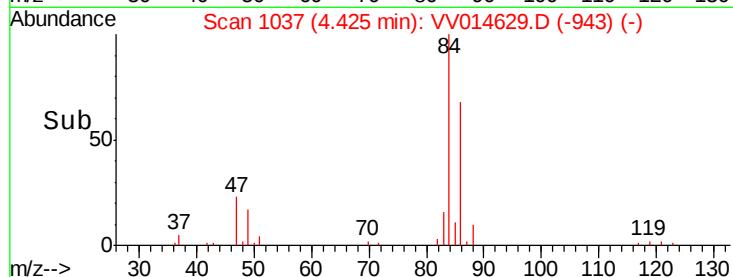
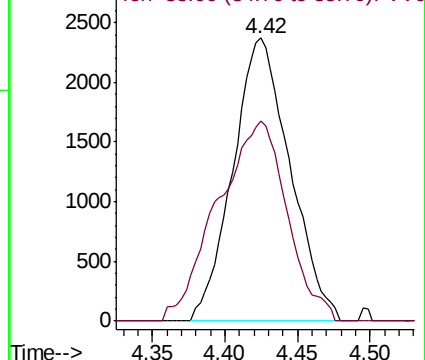
83 100

85 70.7 45.0 83.6



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0



#34

Trichloroethene

Concen: 199.869 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV014629.D

Acq: 20 Feb 2020 17:23

Tgt Ion: 95 Resp: 360327

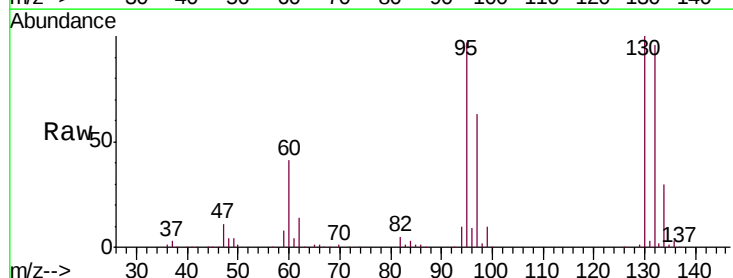
Ion Ratio Lower Upper

95 100

97 64.4 45.3 84.1

132 98.9 69.6 129.2

130 102.7 74.0 137.4

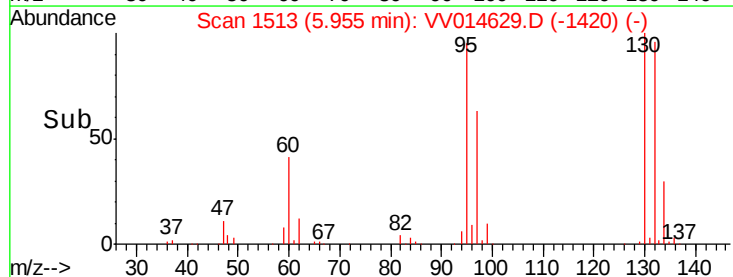
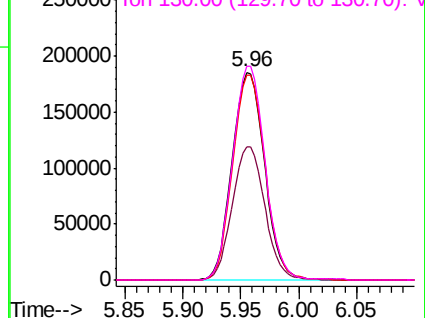


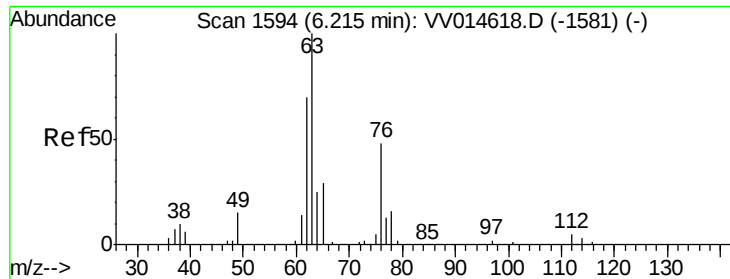
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

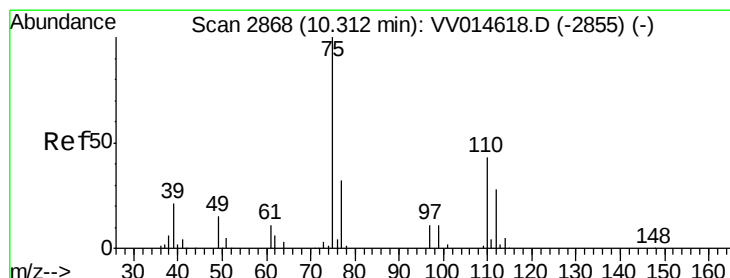
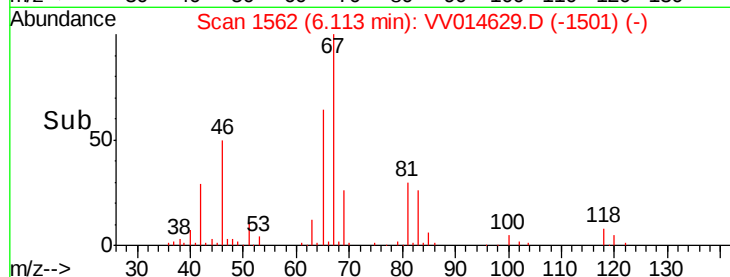
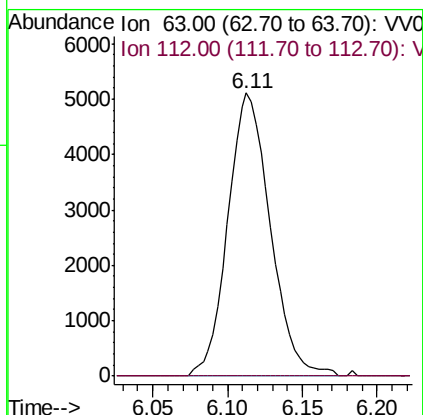
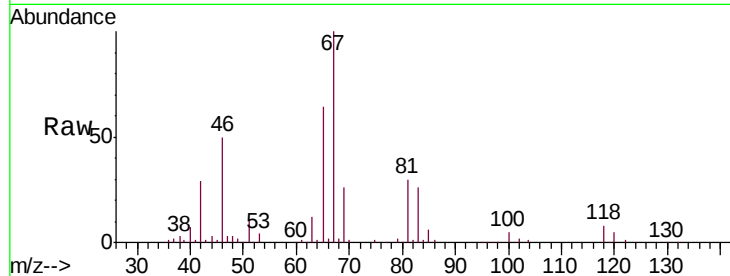




#37
 1,2-Dichloropropane
 Concen: 6.124 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.10 min
 Lab File: VV014629.D
 Acq: 20 Feb 2020 17:23

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AP1

Tgt Ion: 63 Resp: 10102
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.1 6.1#



#59
 1,2,3-Trichloropropane
 Concen: 6.412 ug/L
 RT: 11.29 min Scan# 3171
 Delta R.T. 0.97 min
 Lab File: VV014629.D
 Acq: 20 Feb 2020 17:23

Tgt Ion: 75 Resp: 13612
 Ion Ratio Lower Upper
 75 100
 77 42.1 25.9 38.9#

