

Data File : VV014634.D
Acq On : 20 Feb 2020 19:20
Operator : SY/MD
Sample : L1607-12
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AP8

Quant Time: Feb 21 03:36:28 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	263948	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	247884	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	120189	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	50682	50.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.00%
7) Chloroethane-d5	1.58	69	38245	53.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.30%
11) 1,1-Dichloroethene-d2	2.13	63	71969	42.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.10%
21) 2-Butanone-d5	3.93	46	90391	107.54	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.54%
24) Chloroform-d	4.40	84	143246	48.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.92%
26) 1,2-Dichloroethane-d4	5.08	65	100779	54.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.92%
32) Benzene-d6	5.10	84	316234	53.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.70%
36) 1,2-Dichloropropane-d6	6.11	67	93336	52.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.54%
41) Toluene-d8	7.36	98	293882	51.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.06%
43) trans-1,3-Dichloropropene-	7.66	79	49382	50.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.32%
47) 2-Hexanone-d5	8.13	63	75705	106.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.11%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	124517	51.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.76%
64) 1,2-Dichlorobenzene-d4	11.67	152	114815	54.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.14%

Target Compounds

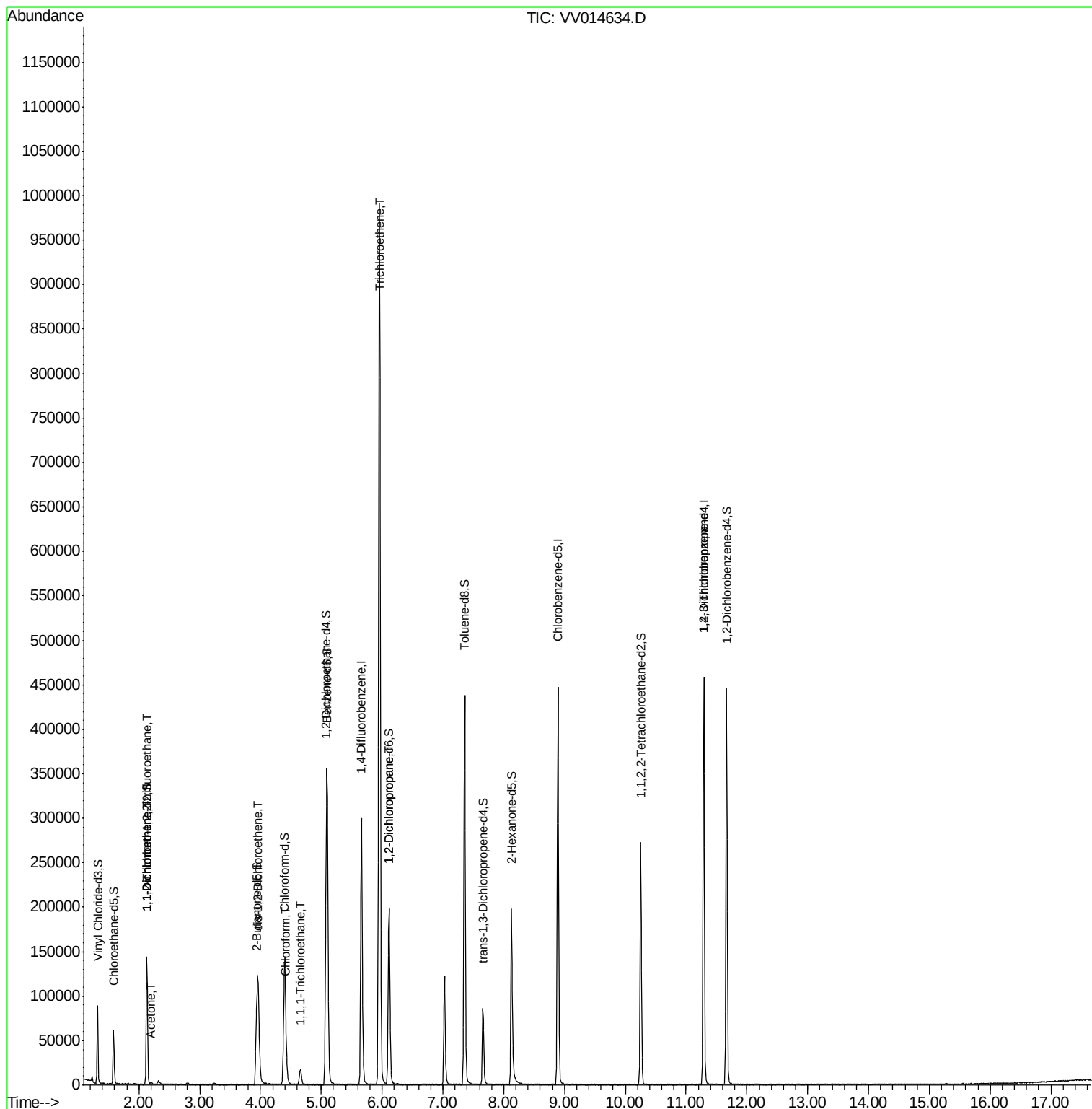
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	652	0.749 ug/L #	17
12) 1,1-Dichloroethene	2.14	96	2875	3.552 ug/L #	1
13) Acetone	2.20	43	1320	1.830 ug/L	82
20) cis-1,2-Dichloroethene	3.96	96	59185	32.059 ug/L	95
25) Chloroform	4.43	83	11616	3.749 ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	13813	5.122 ug/L	97
34) Trichloroethene	5.96	95	345638	196.803 ug/L	98
37) 1,2-Dichloropropane	6.11	63	11084	6.897 ug/L #	85
59) 1,2,3-Trichloropropane	11.29	75	13262	6.413 ug/L #	83

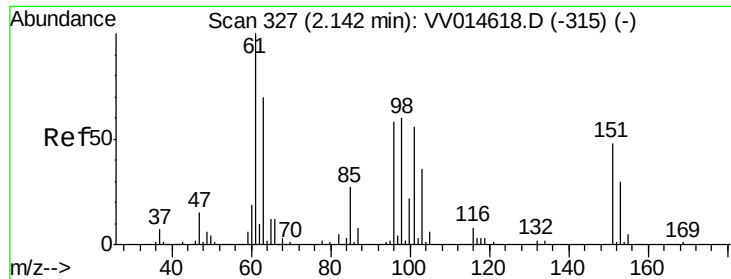
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.749 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

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MSVOA_V

ClientSampleId :

C0AP8

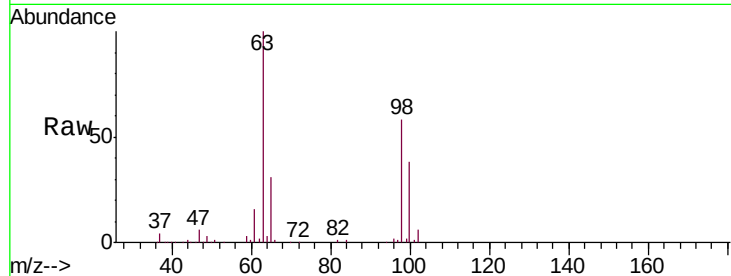
Tgt Ion: 101 Resp: 652

Ion Ratio Lower Upper

101 100

85 0.0 35.4 53.0#

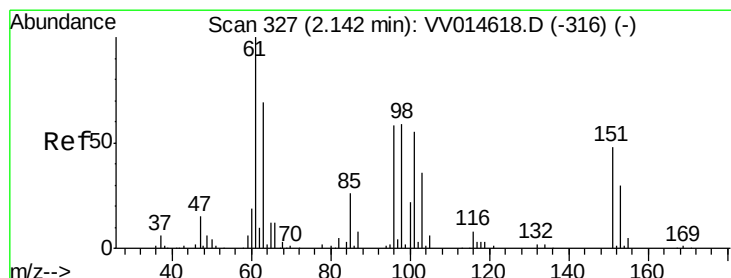
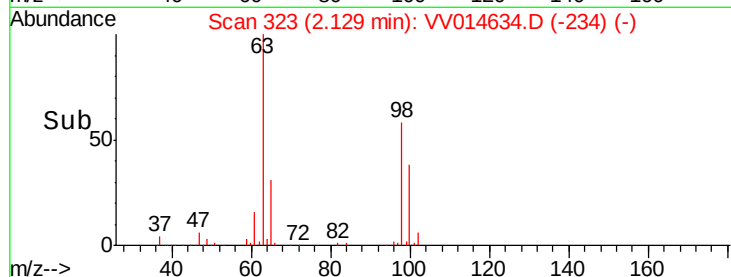
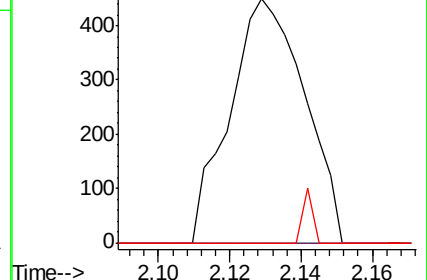
151 0.0 65.4 98.2#



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



#12

1,1-Dichloroethene

Concen: 3.552 ug/L

RT: 2.14 min Scan# 327

Delta R.T. 0.00 min

Lab File: VV014634.D

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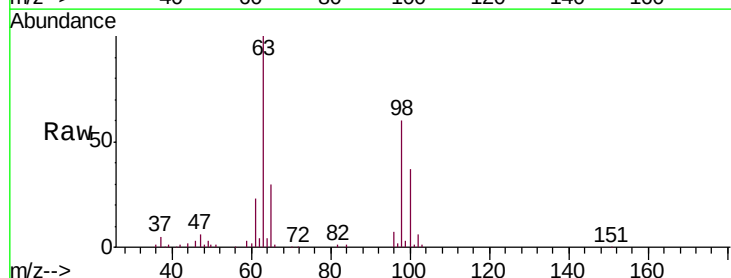
Tgt Ion: 96 Resp: 2875

Ion Ratio Lower Upper

96 100

61 325.4 124.2 230.6#

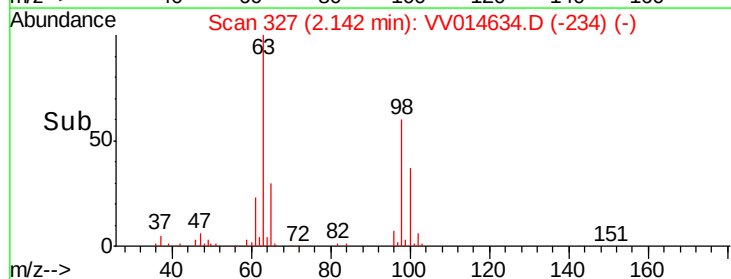
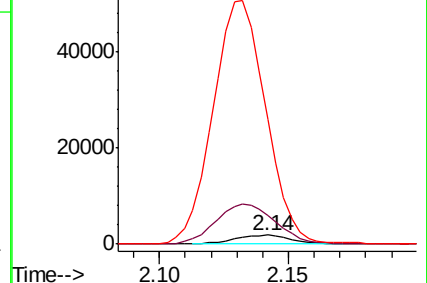
63 1401.8 89.2 165.8#

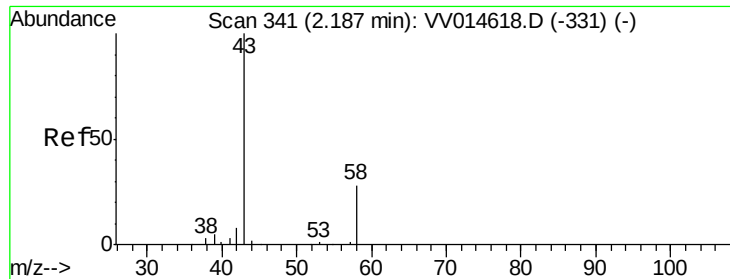


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 1.830 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.01 min

Lab File: VV014634.D

Acq: 20 Feb 2020 19:20

Instrument :

MSVOA_V

ClientSampled :

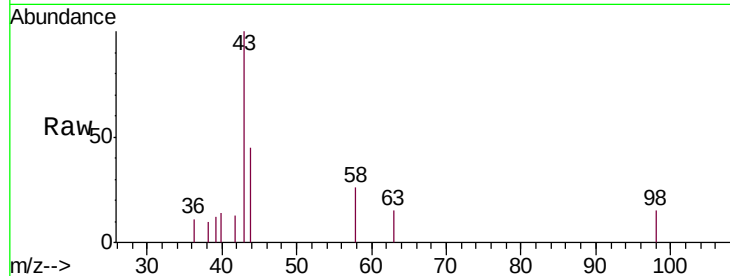
C0AP8

Tgt Ion: 43 Resp: 1320

Ion Ratio Lower Upper

43 100

58 39.1 0.0 58.8



Abundance Ion 43.00 (42.70 to 43.70): VV014618.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV014618.D (-331) (-)

2.20

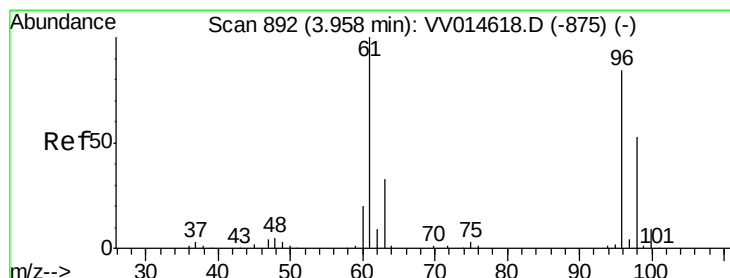
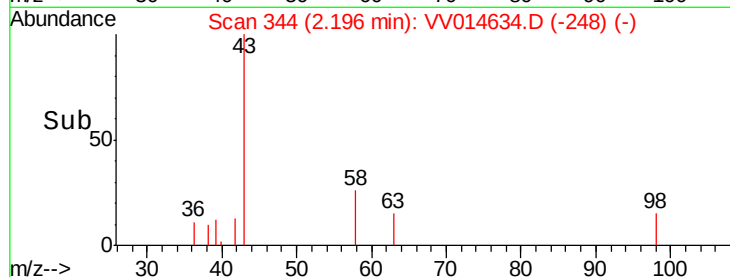
1000

500

0

Time-->

2.16 2.18 2.20 2.22 2.24



#20

cis-1,2-Dichloroethene

Concen: 32.059 ug/L

RT: 3.96 min Scan# 893

Delta R.T. 0.00 min

Lab File: VV014634.D

Acq: 20 Feb 2020 19:20

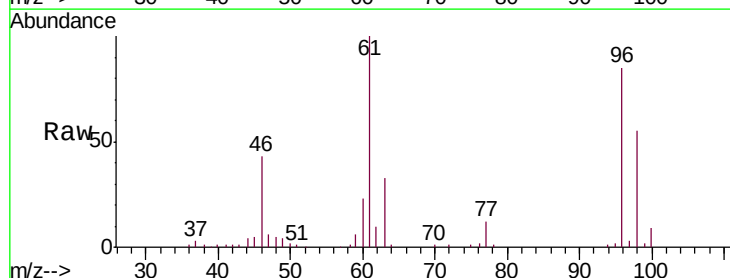
Tgt Ion: 96 Resp: 59185

Ion Ratio Lower Upper

96 100

61 117.1 85.9 159.5

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV014618.D (-875) (-)

Ion 61.00 (60.70 to 61.70): VV014618.D (-875) (-)

Ion 68.00 (67.70 to 68.70): VV014618.D (-875) (-)

3.96

30000

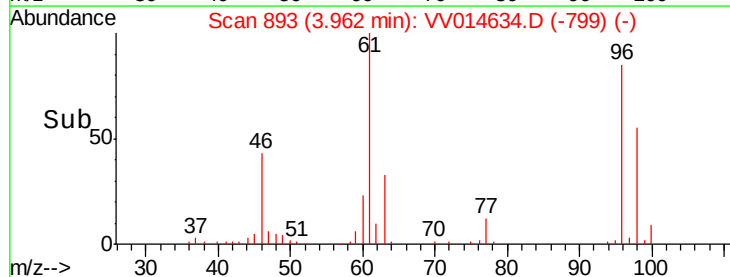
20000

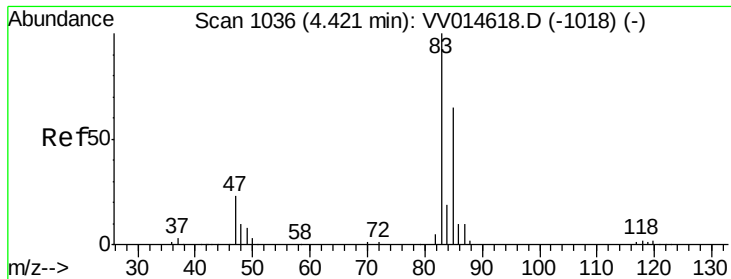
10000

0

Time-->

3.85 3.90 3.95 4.00 4.05

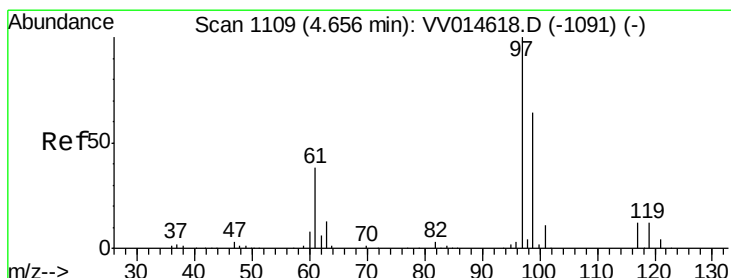
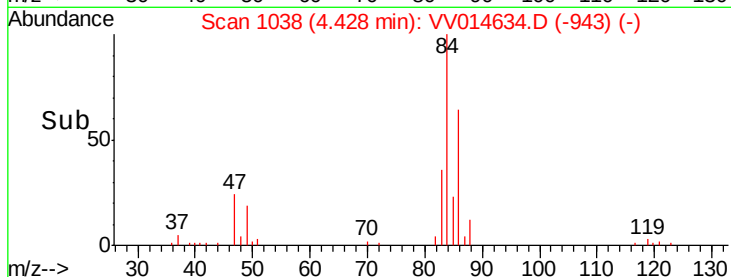
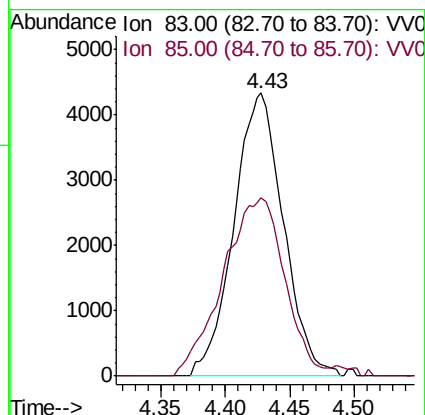
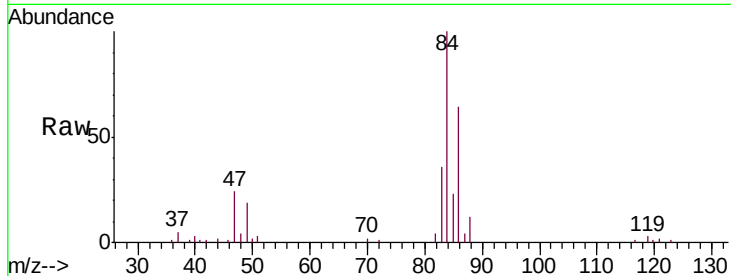




#25
Chloroform
Concen: 3.749 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VV014634.D
Acq: 20 Feb 2020 19:20

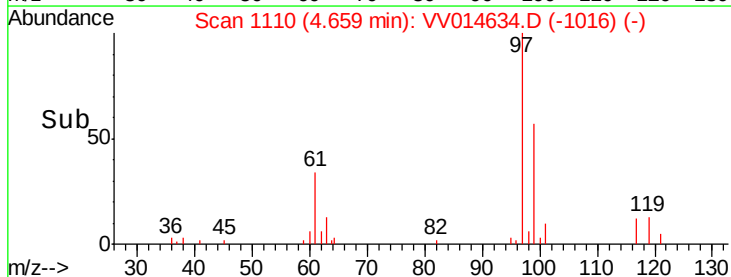
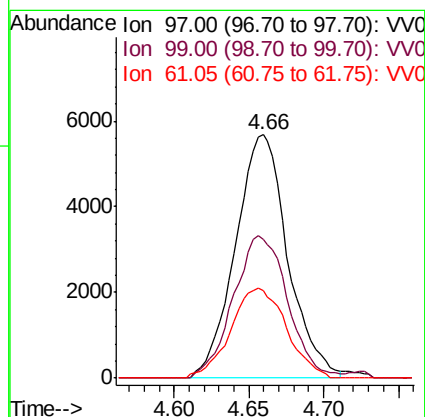
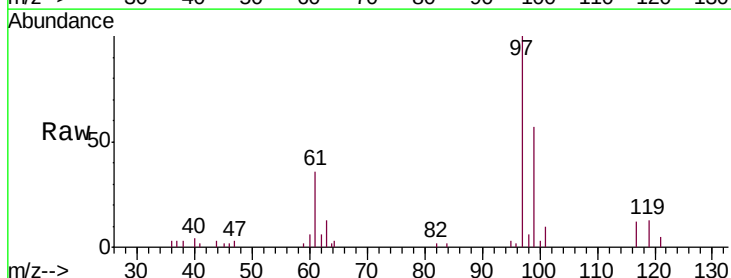
Instrument :
MSVOA_V
ClientSampleId :
C0AP8

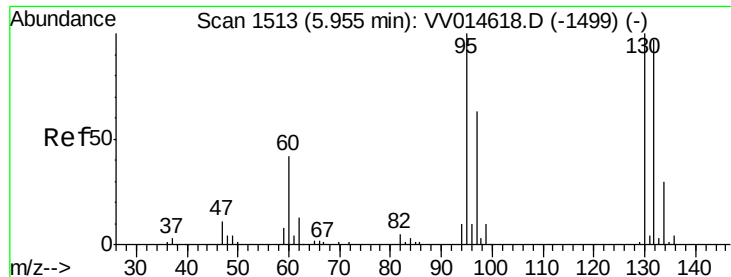
Tgt Ion: 83 Resp: 11616
Ion Ratio Lower Upper
83 100
85 63.2 45.0 83.6



#30
1,1,1-Trichloroethane
Concen: 5.122 ug/L
RT: 4.66 min Scan# 1110
Delta R.T. 0.00 min
Lab File: VV014634.D
Acq: 20 Feb 2020 19:20

Tgt Ion: 97 Resp: 13813
Ion Ratio Lower Upper
97 100
99 60.9 51.2 76.8
61 39.4 32.4 48.6





#34

Trichloroethene

Concen: 196.803 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV014634.D

Acq: 20 Feb 2020 19:20

Instrument :

MSVOA_V

ClientSampleId :

C0AP8

Tgt Ion: 95 Resp: 345638

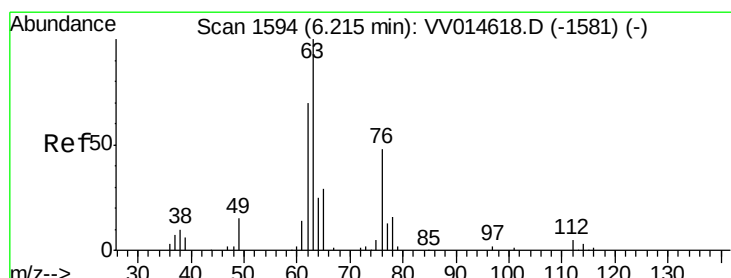
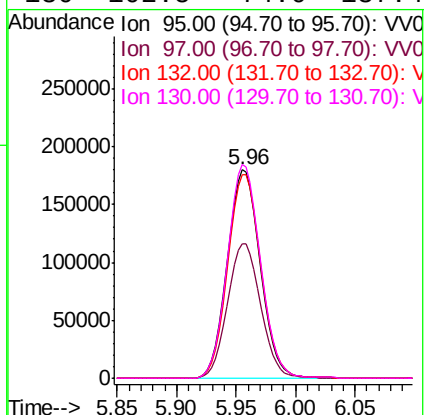
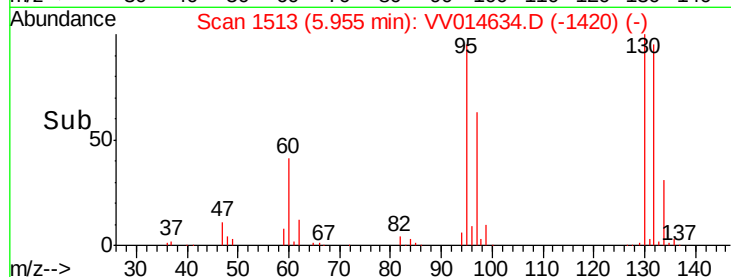
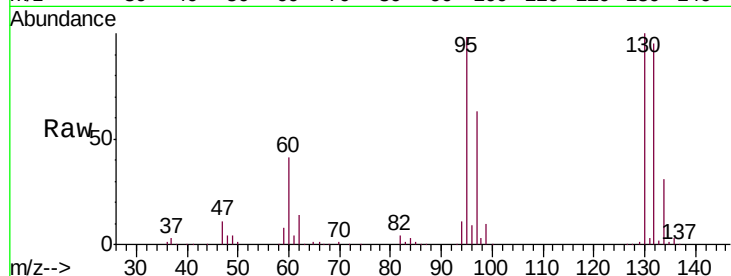
Ion Ratio Lower Upper

95 100

97 64.7 45.3 84.1

132 97.6 69.6 129.2

130 102.5 74.0 137.4



#37

1,2-Dichloropropane

Concen: 6.897 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.10 min

Lab File: VV014634.D

Acq: 20 Feb 2020 19:20

Tgt Ion: 63 Resp: 11084

Ion Ratio Lower Upper

63 100

112 0.0 4.1 6.1#

