

Data File : VV014633.D
Acq On : 20 Feb 2020 18:57
Operator : SY/MD
Sample : L1607-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AP7

Quant Time: Feb 21 03:36:17 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	264732	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	249396	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	122303	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	51694	50.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.70%
7) Chloroethane-d5	1.59	69	39319	54.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.98%
11) 1,1-Dichloroethene-d2	2.13	63	72703	42.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.72%
21) 2-Butanone-d5	3.94	46	89058	105.64	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.64%
24) Chloroform-d	4.40	84	149265	50.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.68%
26) 1,2-Dichloroethane-d4	5.08	65	101438	55.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.30%
32) Benzene-d6	5.10	84	320154	53.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.36%
36) 1,2-Dichloropropane-d6	6.11	67	93507	52.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.10%
41) Toluene-d8	7.36	98	301496	52.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.08%
43) trans-1,3-Dichloropropene-	7.66	79	49201	49.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.34%
47) 2-Hexanone-d5	8.13	63	72585	101.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.12%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	125591	51.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.02%
64) 1,2-Dichlorobenzene-d4	11.67	152	116981	54.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.28%

Target Compounds

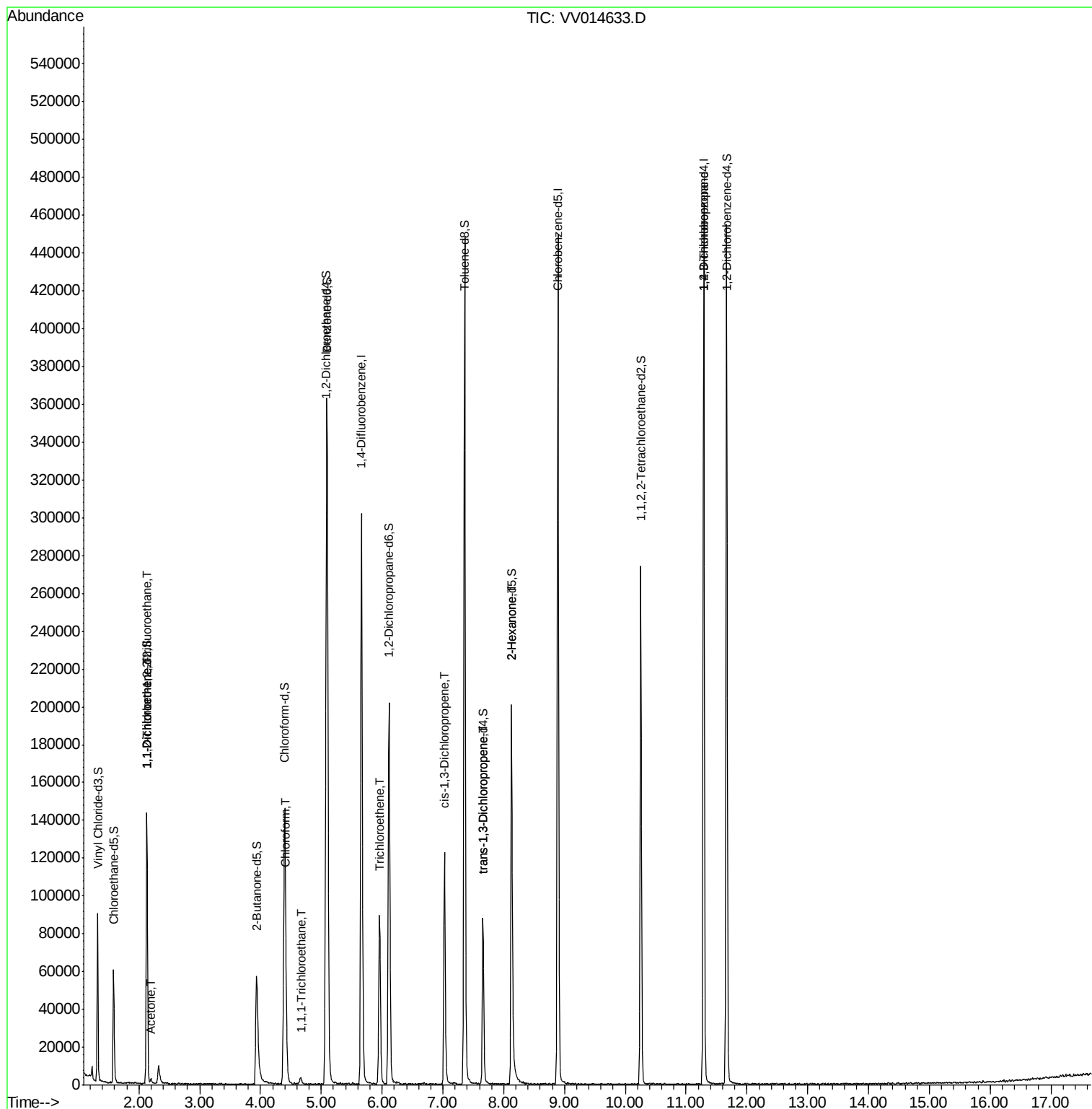
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	768	0.879 ug/L #	20
12) 1,1-Dichloroethene	2.14	96	792	0.975 ug/L #	1
13) Acetone	2.20	43	1677	2.319 ug/L	81
25) Chloroform	4.42	83	10413	3.351 ug/L	96
30) 1,1,1-Trichloroethane	4.66	97	2414	0.890 ug/L #	81
34) Trichloroethene	5.96	95	31721	17.952 ug/L	95
39) cis-1,3-Dichloropropene	7.03	75	3336	1.169 ug/L #	71
44) trans-1,3-Dichloropropene	7.66	75	2389	0.927 ug/L	88
48) 2-Hexanone	8.13	43	8511	5.466 ug/L #	70
59) 1,2,3-Trichloropropane	11.29	75	13625	6.548 ug/L	90

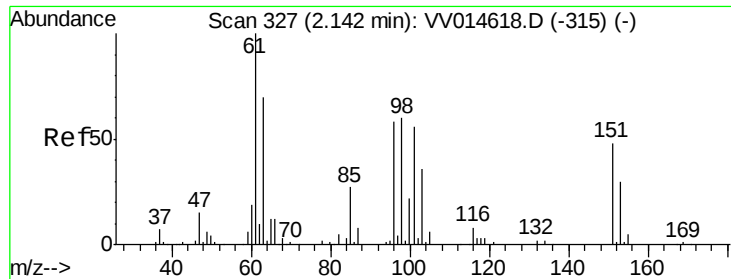
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.879 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

C0AP7

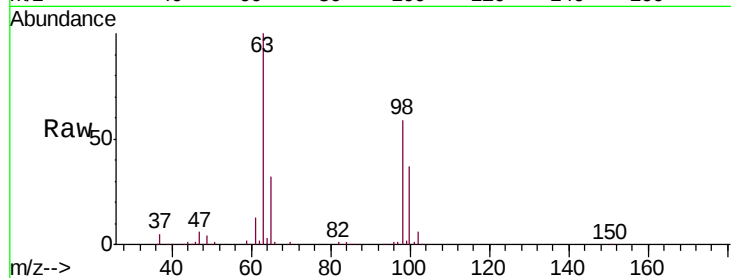
Tgt Ion: 101 Resp: 768

Ion Ratio Lower Upper

101 100

85 5.5 35.4 53.0#

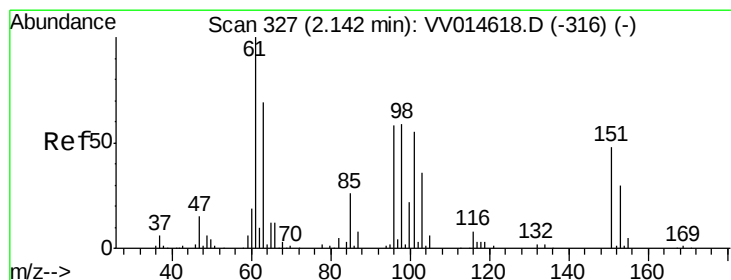
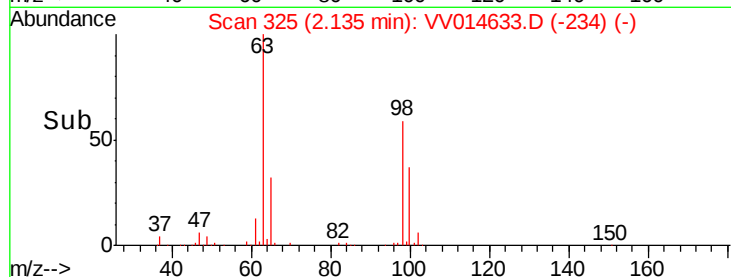
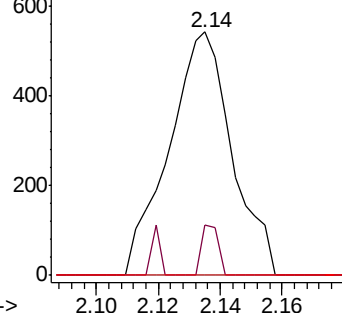
151 0.0 65.4 98.2#



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: 0.975 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VV014633.D

Acq: 20 Feb 2020 18:57

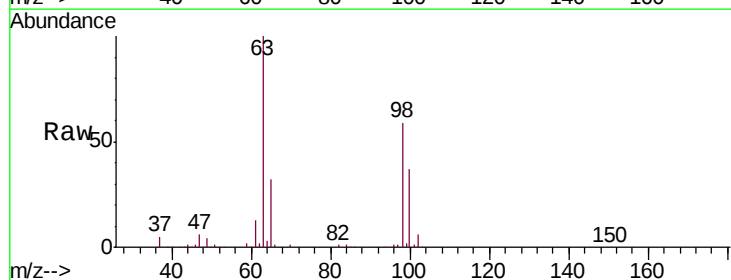
Tgt Ion: 96 Resp: 792

Ion Ratio Lower Upper

96 100

61 1098.2 124.2 230.6#

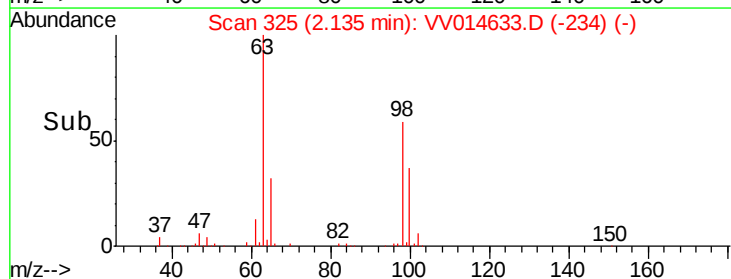
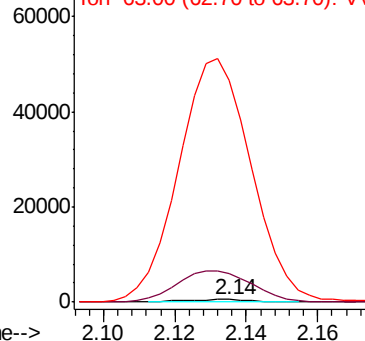
63 8565.1 89.2 165.8#

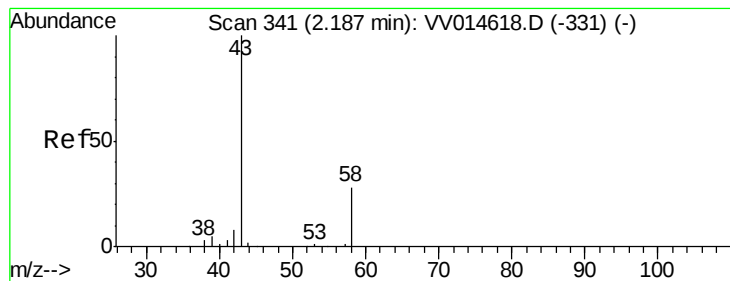


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 2.319 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

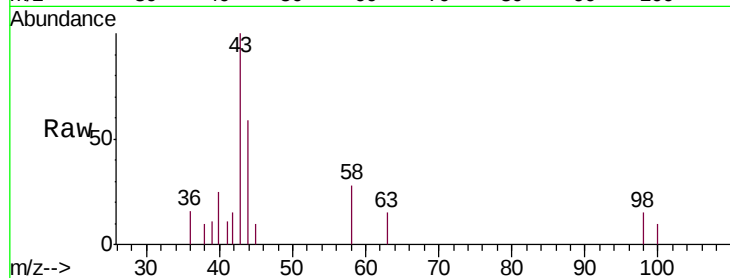
C0AP7

Tgt Ion: 43 Resp: 1677

Ion Ratio Lower Upper

43 100

58 19.3 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

1200

1000

800

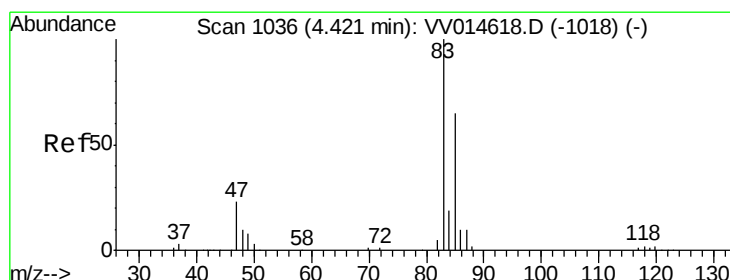
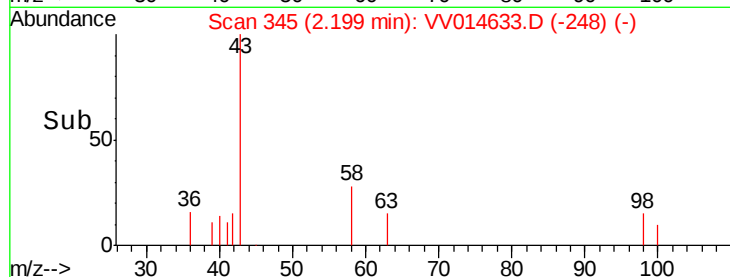
600

400

200

0

Time-->



#25

Chloroform

Concen: 3.351 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV014633.D

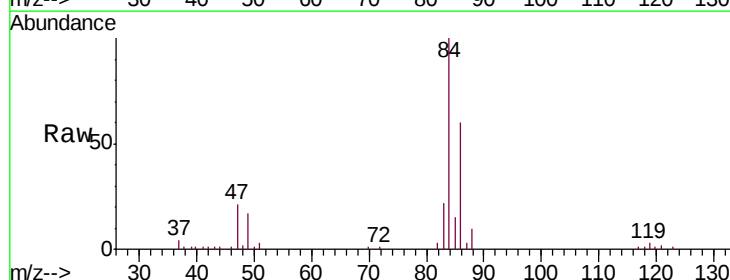
Acq: 20 Feb 2020 18:57

Tgt Ion: 83 Resp: 10413

Ion Ratio Lower Upper

83 100

85 67.4 45.0 83.6



Abundance Ion 83.00 (82.70 to 83.70): VV014618.D (-1018) (-)

Ion 85.00 (84.70 to 85.70): VV014618.D (-1018) (-)

4.42

4000

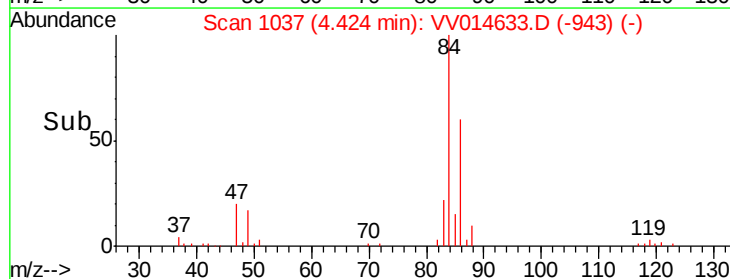
3000

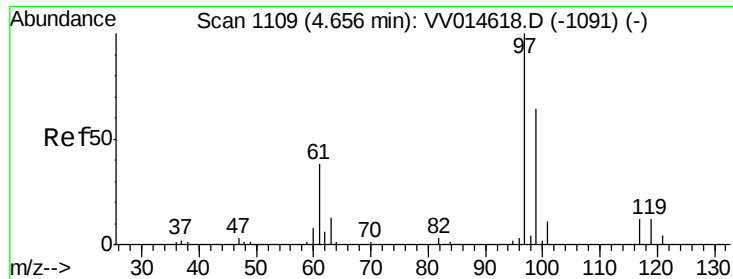
2000

1000

0

Time-->

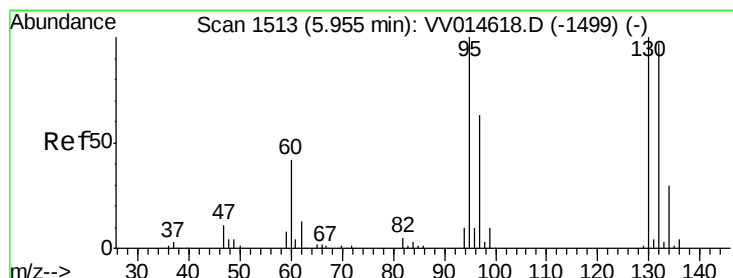
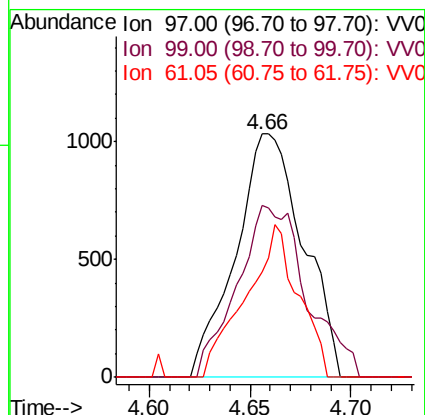
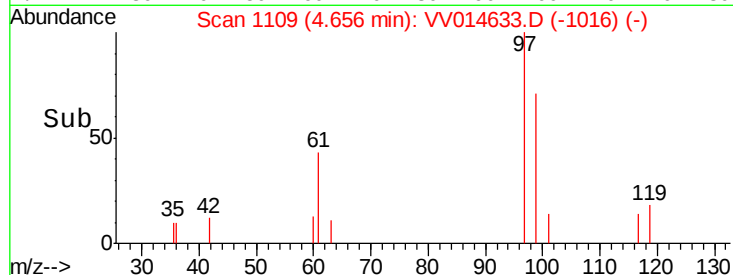
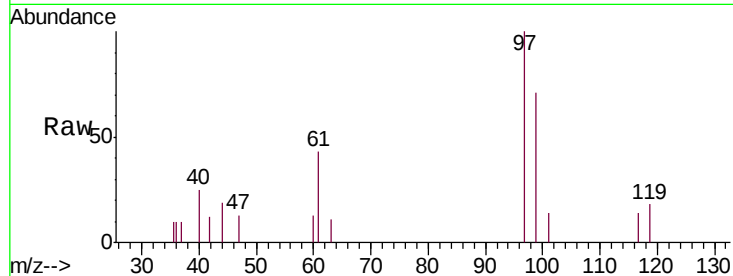




#30
 1,1,1-Trichloroethane
 Concen: 0.890 ug/L
 RT: 4.66 min Scan# 1109
 Delta R.T. -0.00 min
 Lab File: VV014633.D
 Acq: 20 Feb 2020 18:57

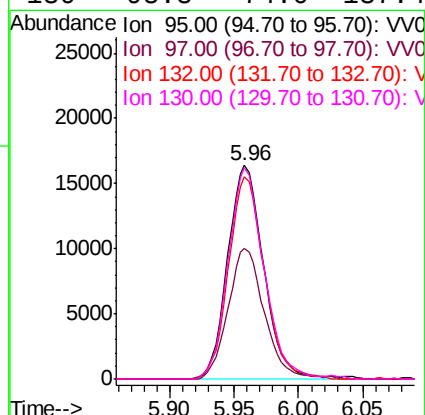
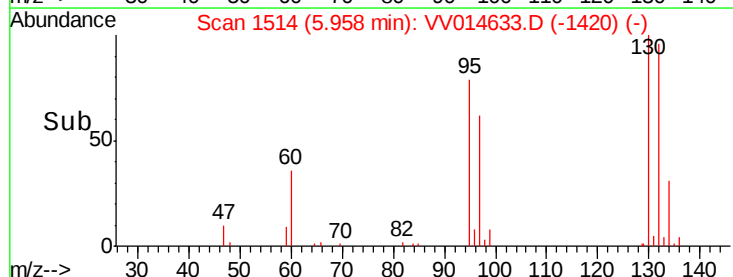
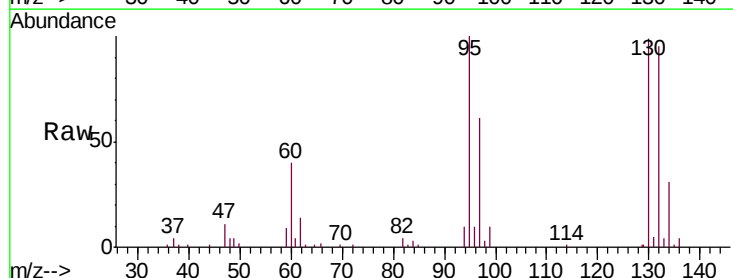
Instrument :
 MSVOA_V
 ClientSampled :
 C0AP7

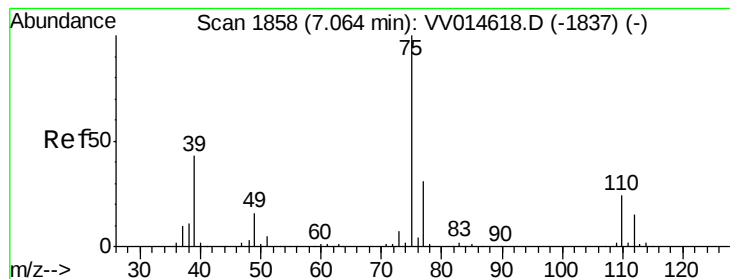
Tgt Ion: 97 Resp: 2414
 Ion Ratio Lower Upper
 97 100
 99 46.4 51.2 76.8#
 61 48.5 32.4 48.6



#34
 Trichloroethene
 Concen: 17.952 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: VV014633.D
 Acq: 20 Feb 2020 18:57

Tgt Ion: 95 Resp: 31721
 Ion Ratio Lower Upper
 95 100
 97 61.0 45.3 84.1
 132 94.8 69.6 129.2
 130 98.8 74.0 137.4



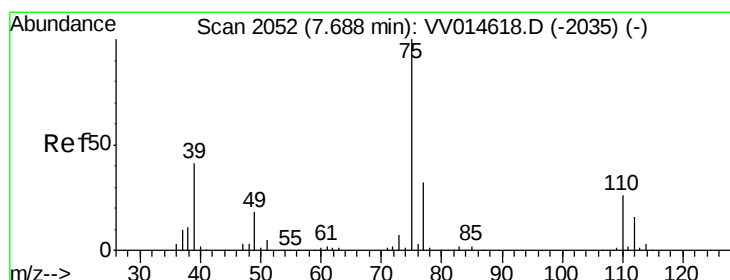
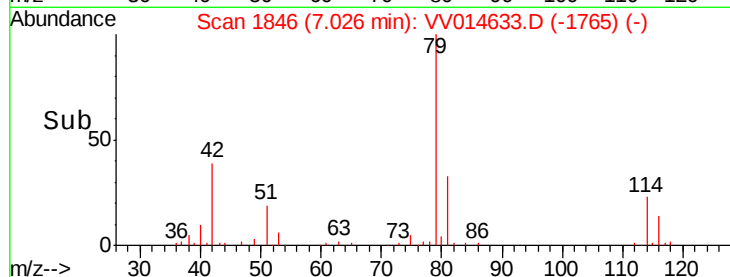
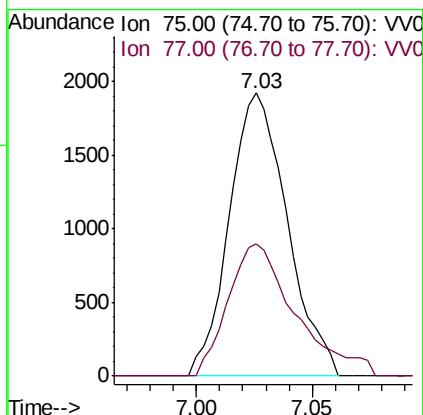
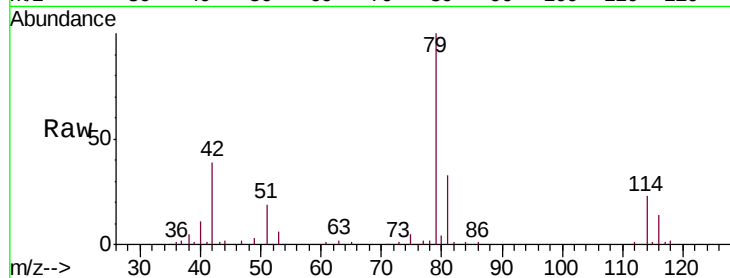


#39

cis-1,3-Dichloropropene
Concen: 1.169 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV014633.D
Acq: 20 Feb 2020 18:57

Instrument :
MSVOA_V
ClientSampleId :
C0AP7

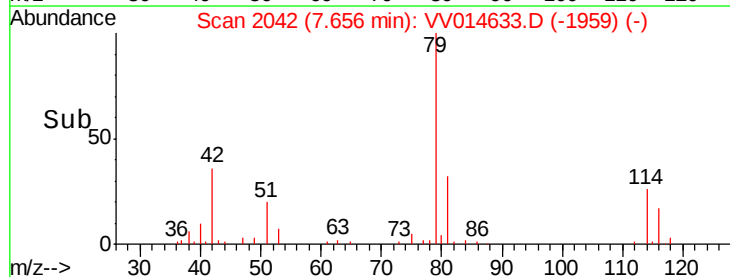
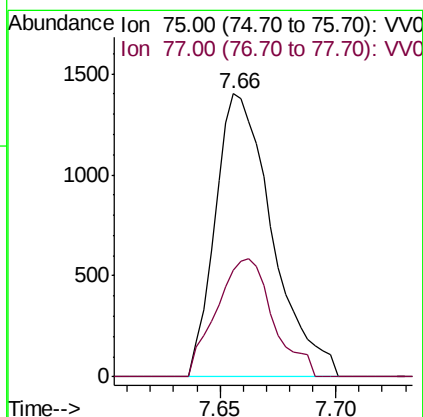
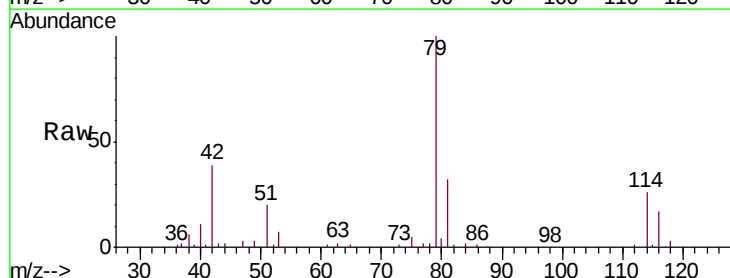
Tgt Ion: 75 Resp: 3336
Ion Ratio Lower Upper
75 100
77 47.0 21.7 40.3#

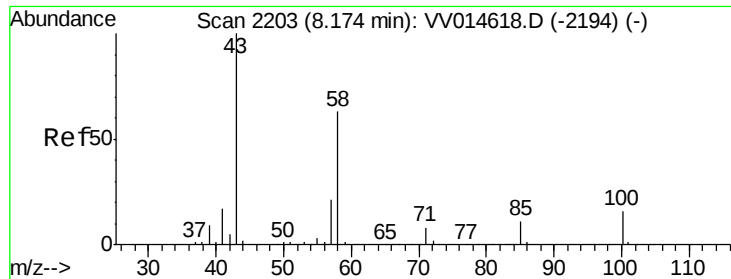


#44

trans-1,3-Dichloropropene
Concen: 0.927 ug/L
RT: 7.66 min Scan# 2042
Delta R.T. -0.03 min
Lab File: VV014633.D
Acq: 20 Feb 2020 18:57

Tgt Ion: 75 Resp: 2389
Ion Ratio Lower Upper
75 100
77 37.7 21.7 40.3

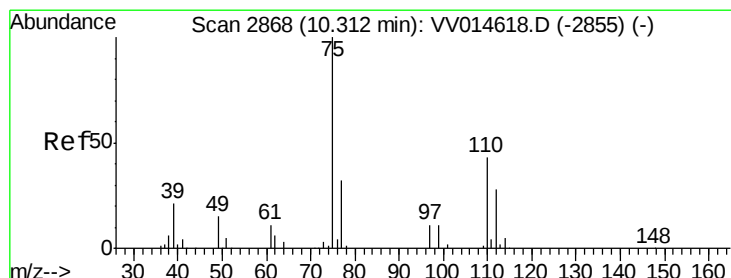
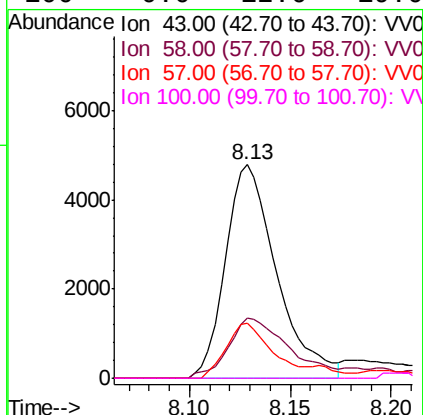
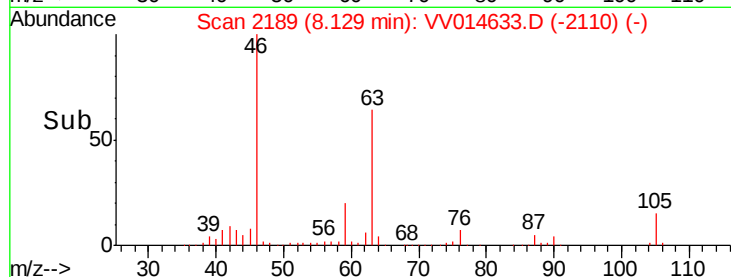
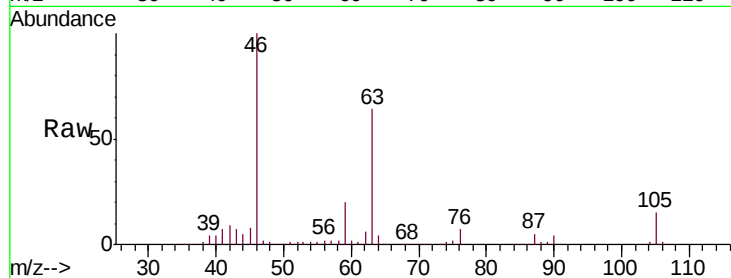




#48
2-Hexanone
Concen: 5.466 ug/L
RT: 8.13 min Scan# 2189
Delta R.T. -0.05 min
Lab File: VV014633.D
Acq: 20 Feb 2020 18:57

Instrument :
MSVOA_V
ClientSampleId :
C0AP7

Tgt Ion: 43 Resp: 8511
Ion Ratio Lower Upper
43 100
58 33.2 50.4 75.6#
57 23.0 17.8 26.6
100 0.0 12.6 19.0#



#59
1,2,3-Trichloropropane
Concen: 6.548 ug/L
RT: 11.29 min Scan# 3172
Delta R.T. 0.98 min
Lab File: VV014633.D
Acq: 20 Feb 2020 18:57

Tgt Ion: 75 Resp: 13625
Ion Ratio Lower Upper
75 100
77 38.2 25.9 38.9

