

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031220\
 Data File : VV014865.D
 Acq On : 12 Mar 2020 14:04
 Operator : SY/MD
 Sample : L1892-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 13 03:32:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 13 03:30:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	399971	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	388888	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	186926	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	115998	42.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.72%
7) Chloroethane-d5	1.58	69	90549	42.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.64%
11) 1,1-Dichloroethene-d2	2.12	63	147191	32.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.46%
21) 2-Butanone-d5	3.93	46	155652	77.10	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	77.10%
24) Chloroform-d	4.38	84	233975	45.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.30%
26) 1,2-Dichloroethane-d4	5.06	65	161482	46.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.78%
32) Benzene-d6	5.07	84	494035	48.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.22%
36) 1,2-Dichloropropane-d6	6.09	67	153411	45.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.16%
41) Toluene-d8	7.34	98	483732	48.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	7.64	79	74744	44.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.96%
47) 2-Hexanone-d5	8.11	63	157403	104.17	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.17%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	214999	45.93	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.86%
64) 1,2-Dichlorobenzene-d4	11.64	152	192348	51.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.84%

Target Compounds

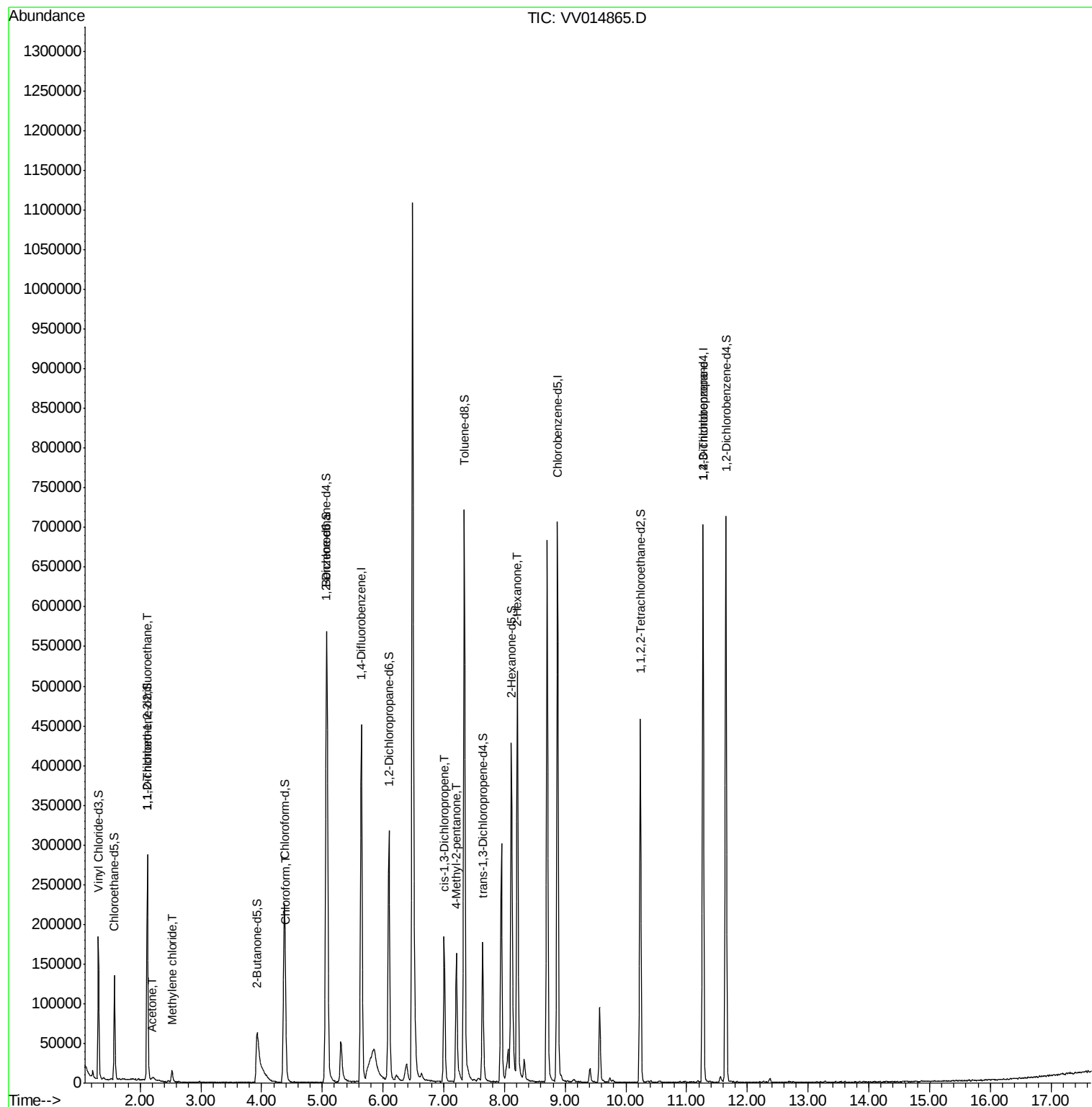
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1728	0.778 ug/L #	18
13) Acetone	2.20	43	7480	4.438 ug/L	84
16) Methylene chloride	2.52	84	6793	2.302 ug/L	84
25) Chloroform	4.40	83	7728	1.423 ug/L	91
39) cis-1,3-Dichloropropene	7.01	75	4587	0.961 ug/L #	58
40) 4-Methyl-2-pentanone	7.21	43	57673	13.072 ug/L #	54
48) 2-Hexanone	8.21	43	70985	20.457 ug/L #	1
59) 1,2,3-Trichloropropane	11.27	75	19324	4.970 ug/L	91

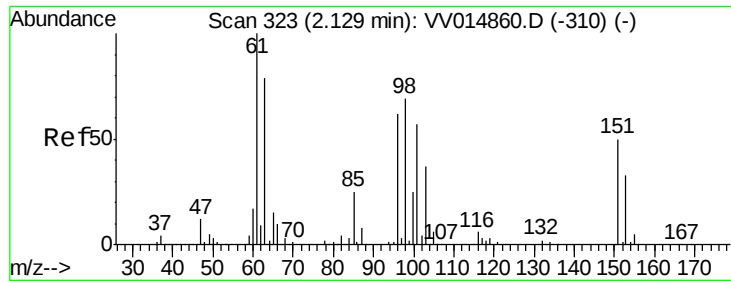
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 13 03:30:28 2020
Response via : Initial Calibration





#10

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

Concen: 0.778 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV014865.D

Acq: 12 Mar 2020 14:04

Instrument :

MSVOA_V

ClientSampleId :

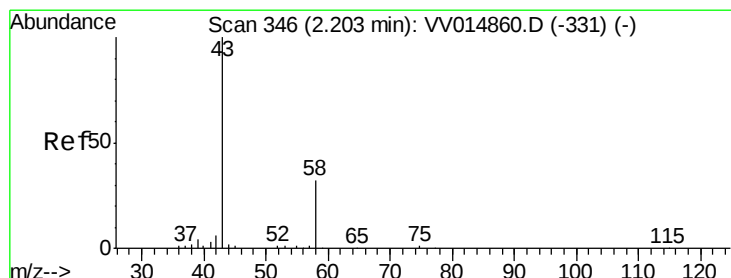
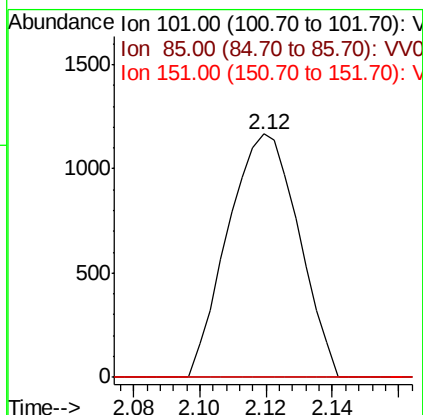
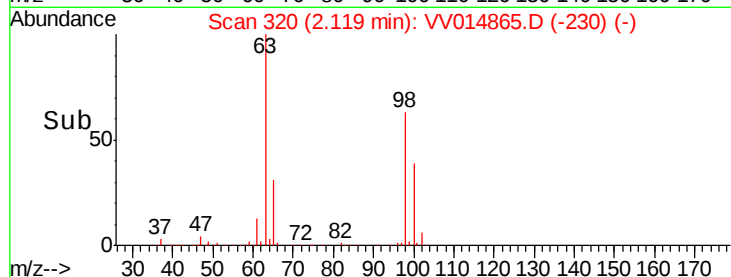
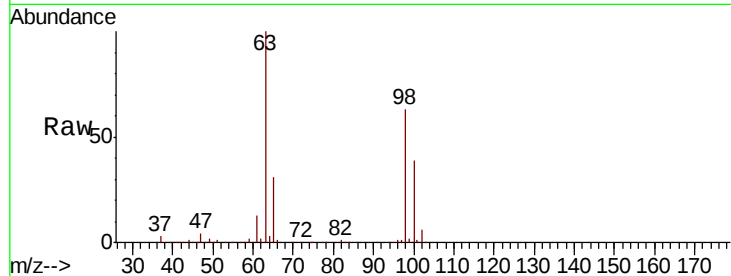
Tot Ion:101 Resp: 1728

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.6#

151 2.5 66.4 99.6#



#13

Acetone

Concen: 4.438 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.00 min

Lab File: VV014865.D

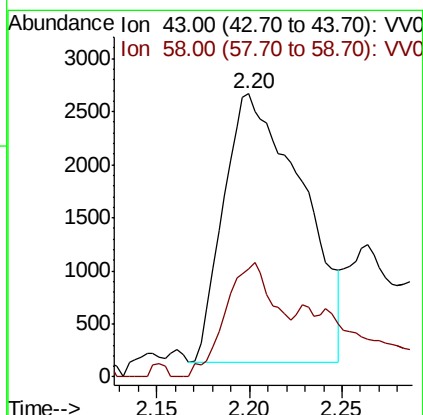
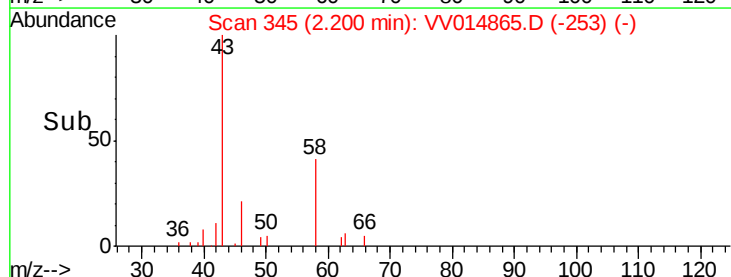
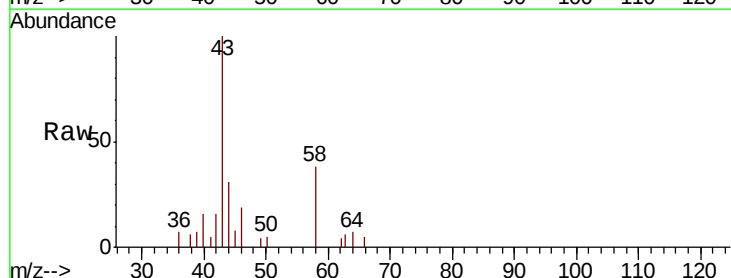
Acq: 12 Mar 2020 14:04

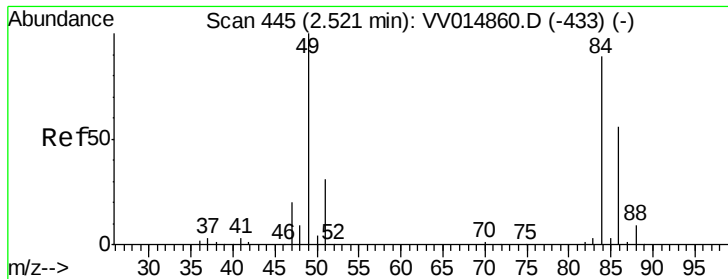
Tgt Ion: 43 Resp: 7480

Ion Ratio Lower Upper

43 100

58 22.6 0.0 62.2

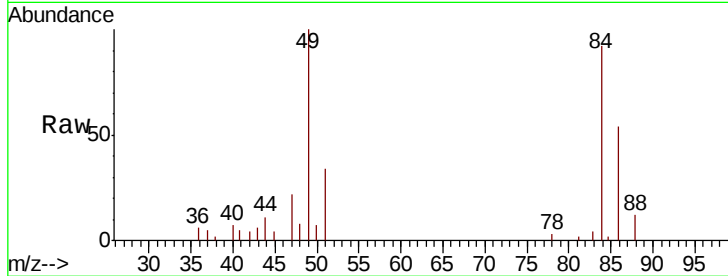




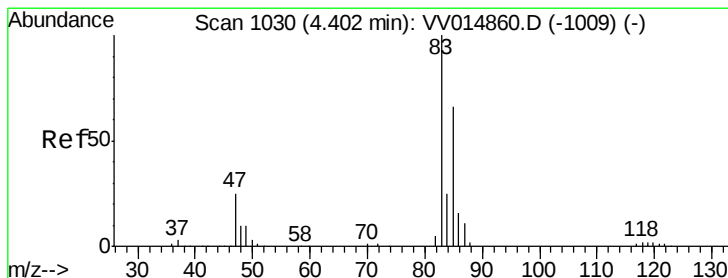
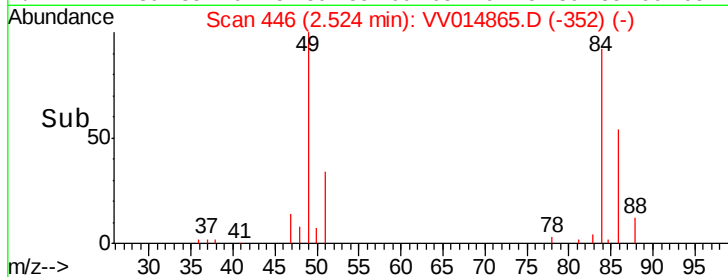
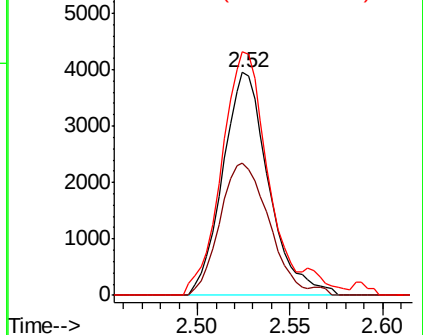
#16
Methvlene chloride
Concen: 2.302 ug/L
RT: 2.52 min Scan# 446
Delta R.T. 0.00 min
Lab File: VV014865.D
Acq: 12 Mar 2020 14:04

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 84 Resp: 6793
Ion Ratio Lower Upper
84 100
86 57.7 47.3 87.9
49 106.4 88.7 164.7

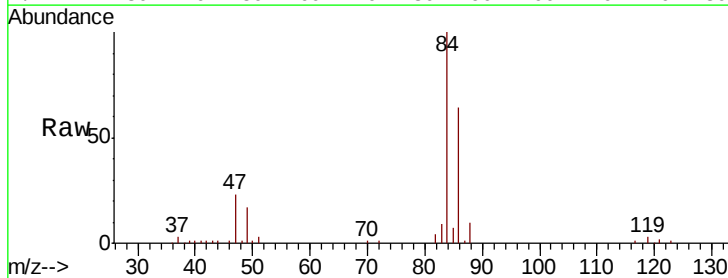


Abundance Ion 84.00 (83.70 to 84.70): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.00 (48.70 to 49.70): VV0

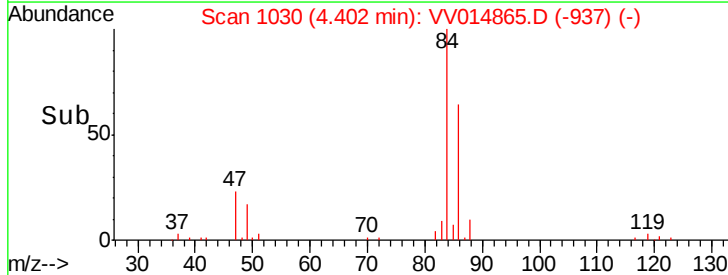
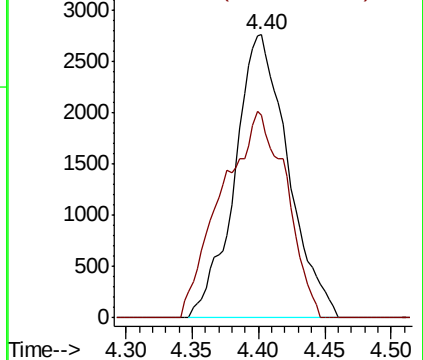


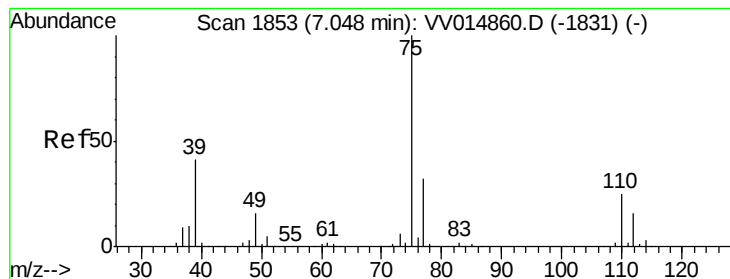
#25
Chloroform
Concen: 1.423 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VV014865.D
Acq: 12 Mar 2020 14:04

Tgt Ion: 83 Resp: 7728
Ion Ratio Lower Upper
83 100
85 71.8 45.1 83.9



Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 85.00 (84.70 to 85.70): VV0



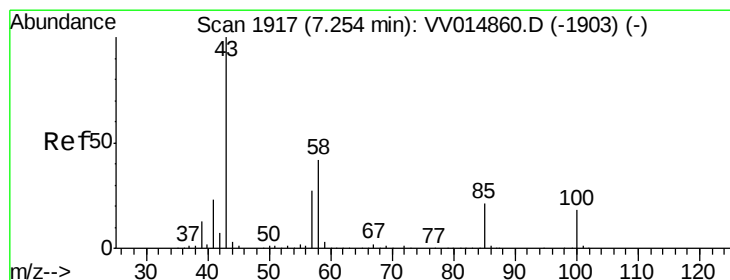
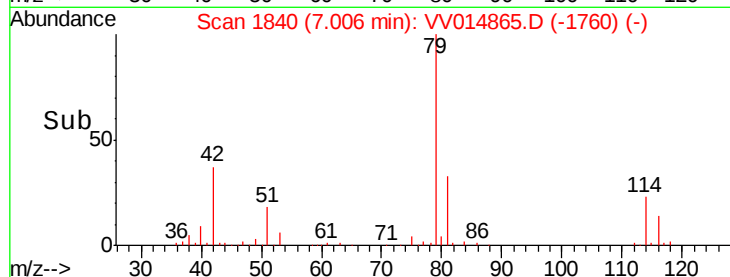
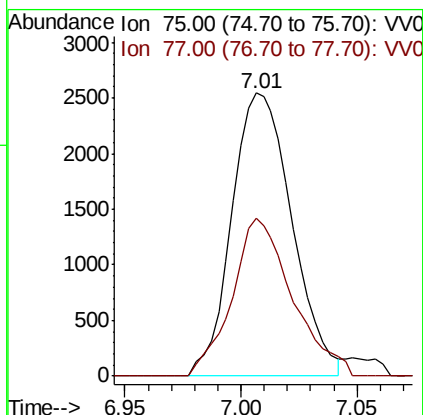
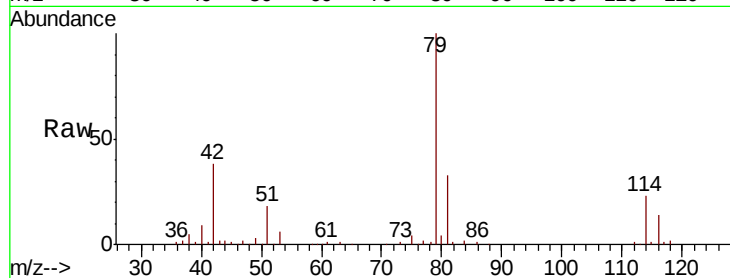


#39

cis-1,3-Dichloropropene
 Concen: 0.961 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV014865.D
 Acq: 12 Mar 2020 14:04

Instrument :
 MSVOA_V
 ClientSampleId :

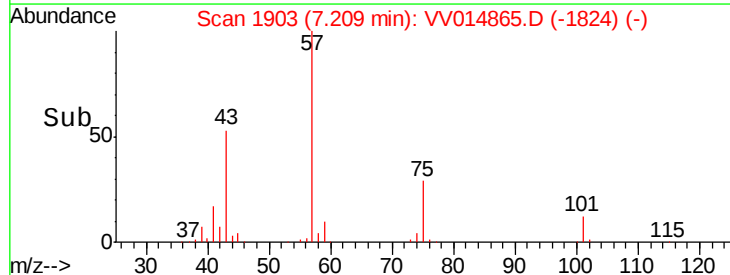
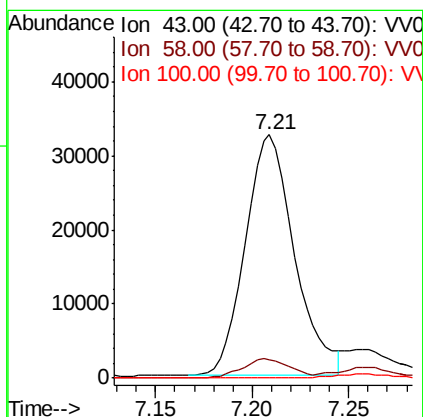
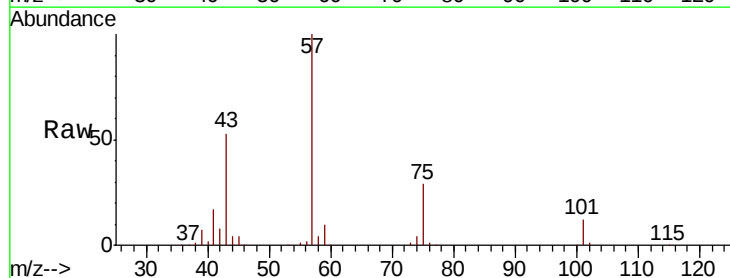
Tot Ion: 75 Resp: 4587
 Ion Ratio Lower Upper
 75 100
 77 56.0 22.8 42.4#

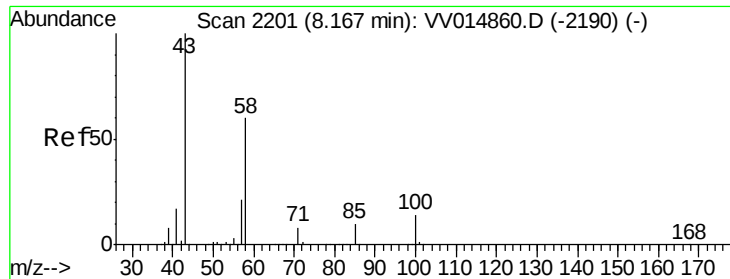


#40

4-Methyl-2-pentanone
 Concen: 13.072 ug/L
 RT: 7.21 min Scan# 1903
 Delta R.T. -0.05 min
 Lab File: VV014865.D
 Acq: 12 Mar 2020 14:04

Tgt Ion: 43 Resp: 57673
 Ion Ratio Lower Upper
 43 100
 58 7.7 31.0 46.4#
 100 0.1 11.2 16.8#





#48

2-Hexanone

Concen: 20.457 ug/L

RT: 8.21 min Scan# 2215

Delta R.T. 0.04 min

Lab File: VV014865.D

Acq: 12 Mar 2020 14:04

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 43 Resp: 70985

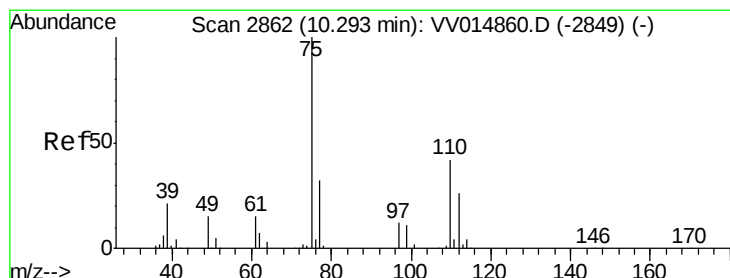
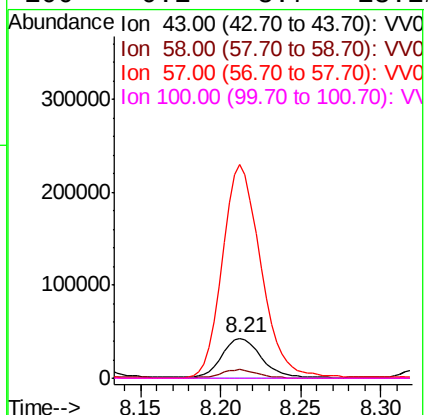
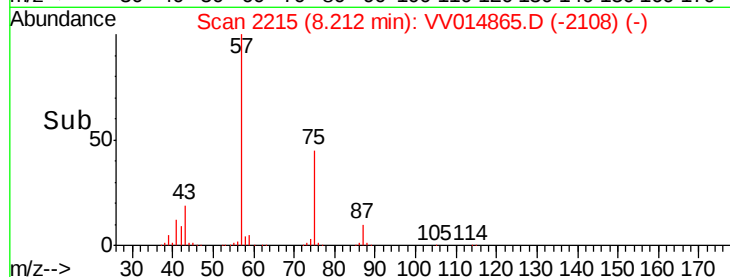
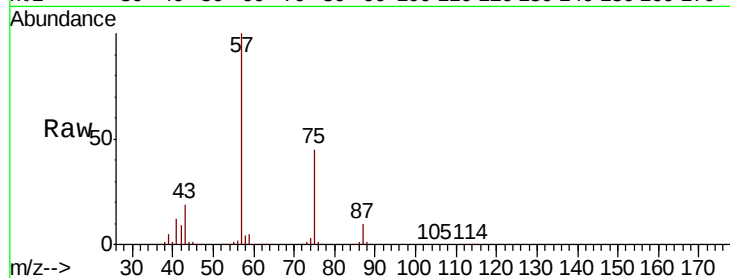
Ion Ratio Lower Upper

43 100

58 22.6 43.3 64.9#

57 533.5 15.6 23.4#

100 0.1 8.7 13.1#



#59

1,2,3-Trichloropropane

Concen: 4.970 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV014865.D

Acq: 12 Mar 2020 14:04

Tgt Ion: 75 Resp: 19324

Ion Ratio Lower Upper

75 100

77 36.8 25.6 38.4

