

Data File : VV014663.D
Acq On : 21 Feb 2020 19:12
Operator : SY/MD
Sample : L1607-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AP1

Quant Time: Feb 21 23:41:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM022120WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 21 23:36:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	225219	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	208791	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	99561	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	38919	44.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.50%
7) Chloroethane-d5	1.59	69	29579	46.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.80%
11) 1,1-Dichloroethene-d2	2.13	63	60152	36.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.38%
21) 2-Butanone-d5	3.95	46	81814	100.06	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.06%
24) Chloroform-d	4.40	84	138405	48.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.12%
26) 1,2-Dichloroethane-d4	5.08	65	93695	50.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.78%
32) Benzene-d6	5.10	84	278116	50.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.66%
36) 1,2-Dichloropropane-d6	6.11	67	84466	52.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.84%
41) Toluene-d8	7.36	98	258039	48.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.96%
43) trans-1,3-Dichloropropene-	7.66	79	44475	49.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.54%
47) 2-Hexanone-d5	8.14	63	63721	98.67	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.67%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	113015	50.62	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.24%
64) 1,2-Dichlorobenzene-d4	11.67	152	100236	51.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.92%

Target Compounds

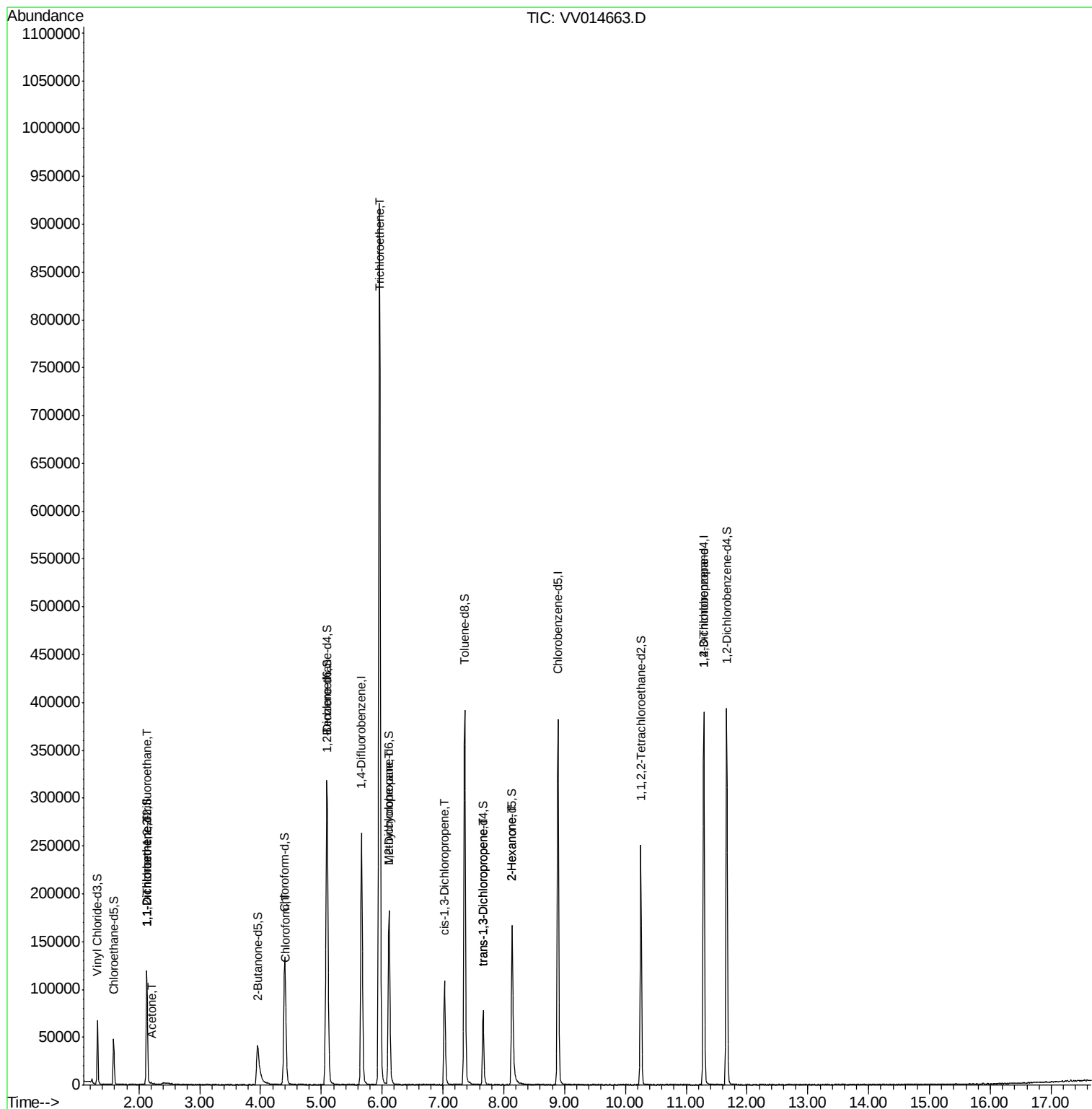
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	849	1.113	ug/L #	42
12) 1,1-Dichloroethene	2.13	96	515	0.750	ug/L #	1
13) Acetone	2.21	43	1594	2.196	ug/L	65
25) Chloroform	4.42	83	4601	1.648	ug/L	98
34) Trichloroethene	5.96	95	322309	205.627	ug/L	97
35) Methylcyclohexane	6.11	83	22082	9.869	ug/L #	20
39) cis-1,3-Dichloropropene	7.03	75	2887	1.227	ug/L #	80
44) trans-1,3-Dichloropropene	7.66	75	2167	1.016	ug/L	97
48) 2-Hexanone	8.14	43	8197	6.406	ug/L #	75
59) 1,2,3-Trichloropropane	11.29	75	11391	6.392	ug/L	91

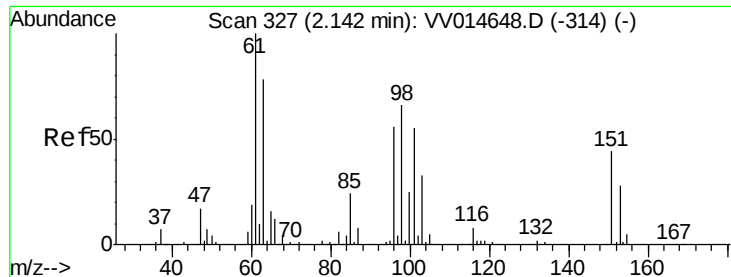
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 1.113 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV014663.D

Acq: 21 Feb 2020 19:12

Instrument :

MSVOA_V

ClientSampleId :

C0AP1

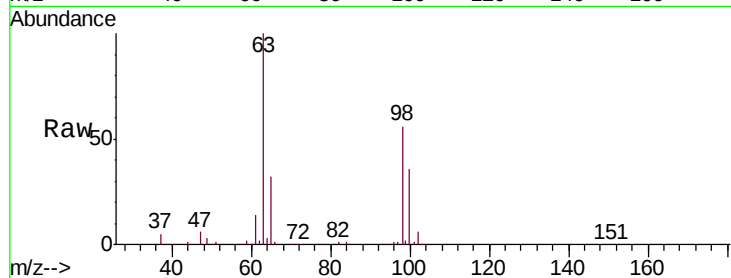
Tgt Ion: 101 Resp: 849

Ion Ratio Lower Upper

101 100

85 0.0 37.3 55.9#

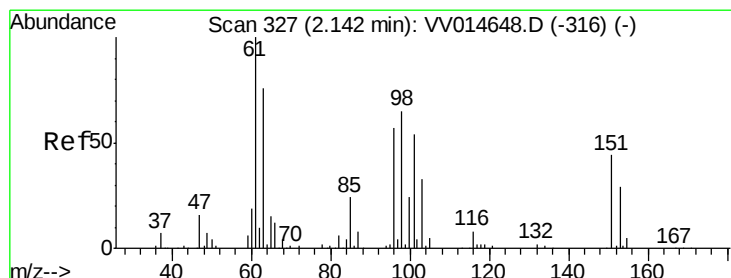
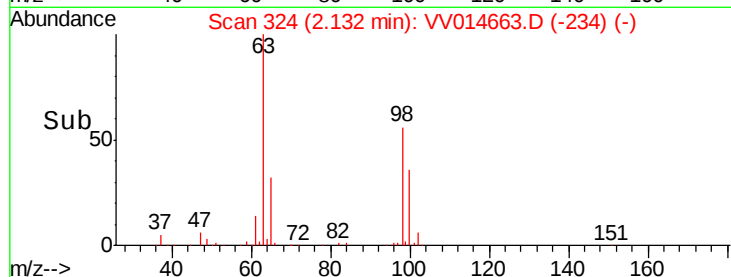
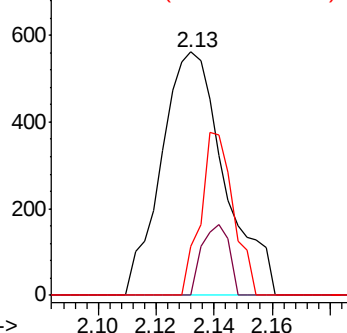
151 34.9 64.6 96.8#



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: 0.750 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV014663.D

Acq: 21 Feb 2020 19:12

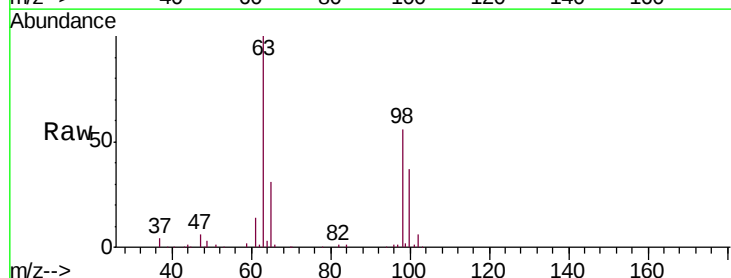
Tgt Ion: 96 Resp: 515

Ion Ratio Lower Upper

96 100

61 1837.6 124.5 231.1#

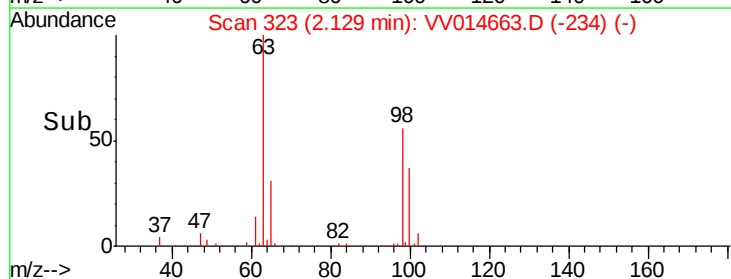
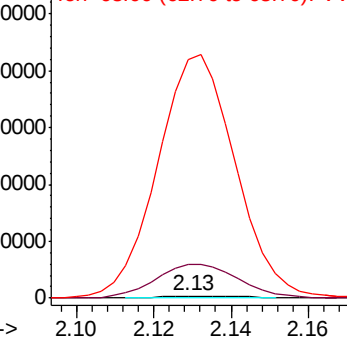
63 13053.4 98.1 182.1#

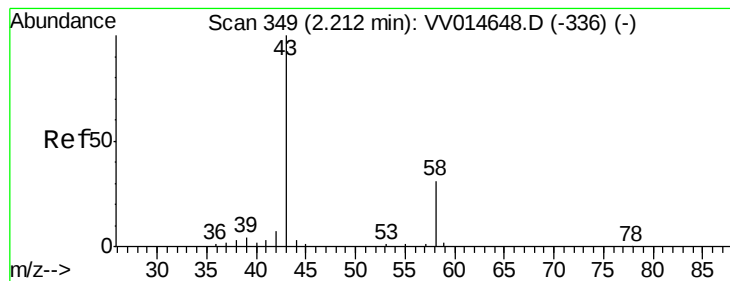


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 2.196 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.00 min

Lab File: VV014663.D

Acq: 21 Feb 2020 19:12

Instrument :

MSVOA_V

ClientSampled :

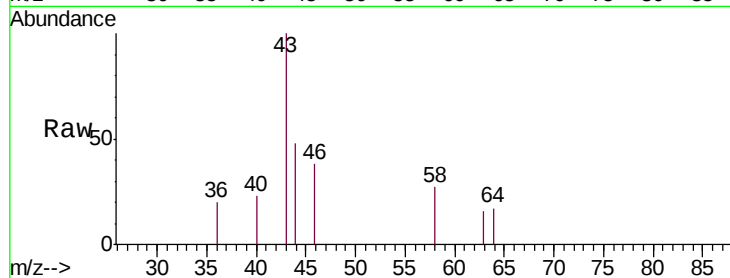
C0AP1

Tgt Ion: 43 Resp: 1594

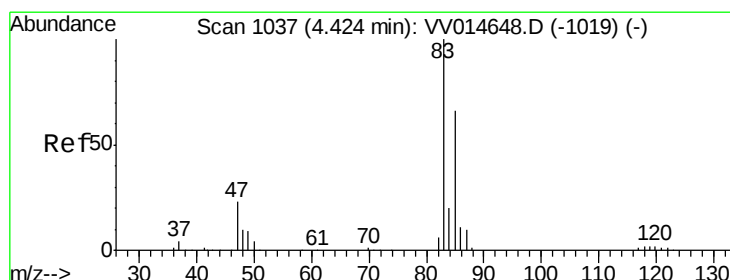
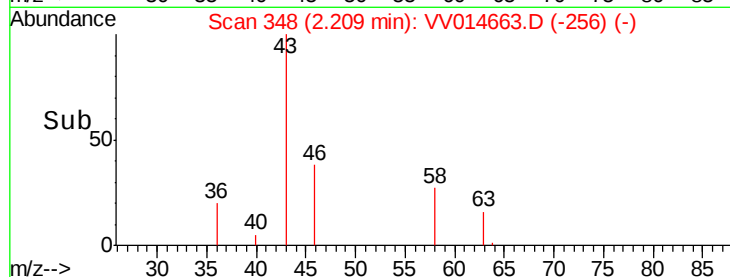
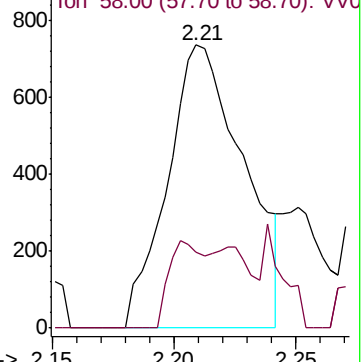
Ion Ratio Lower Upper

43 100

58 13.7 0.0 66.8



Abundance Ion 43.00 (42.70 to 43.70): VV014648.D (-336) (-)



#25

Chloroform

Concen: 1.648 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV014663.D

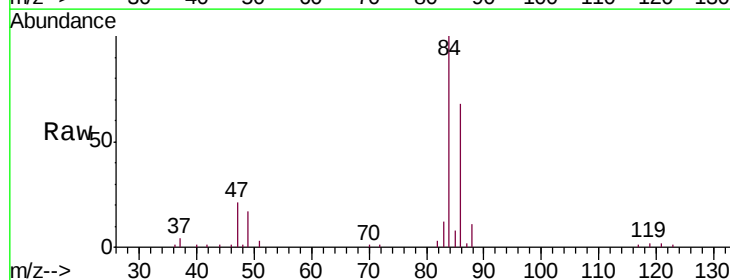
Acq: 21 Feb 2020 19:12

Tgt Ion: 83 Resp: 4601

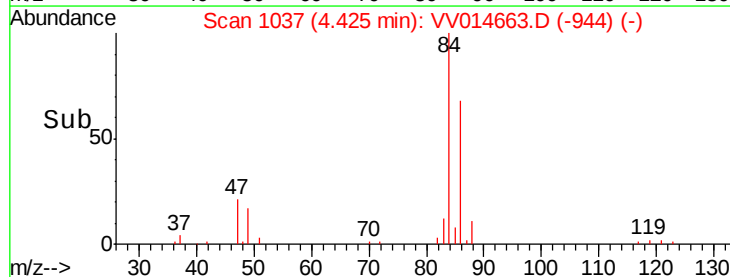
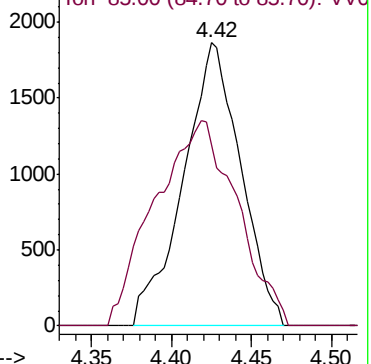
Ion Ratio Lower Upper

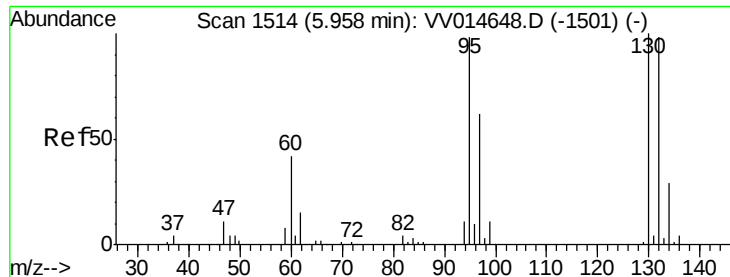
83 100

85 63.9 46.1 85.7



Abundance Ion 83.00 (82.70 to 83.70): VV014648.D (-1019) (-)





#34

Trichloroethene

Concen: 205.627 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VV014663.D

Acq: 21 Feb 2020 19:12

Instrument :

MSVOA_V

ClientSampleId :

C0AP1

Tgt Ion: 95 Resp: 322309

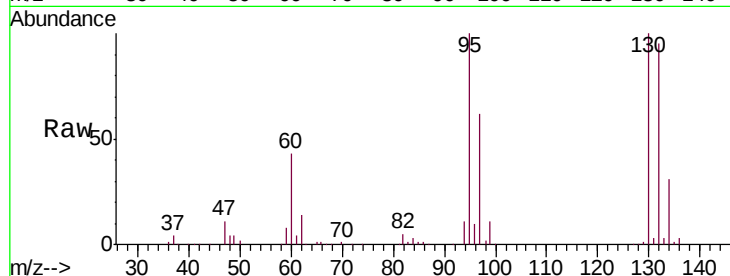
Ion Ratio Lower Upper

95 100

97 62.4 44.3 82.3

132 95.0 69.7 129.4

130 99.6 71.3 132.5

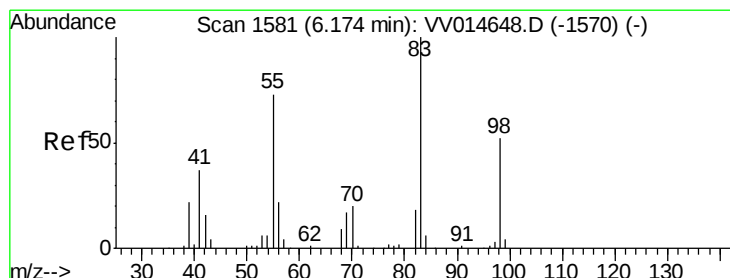
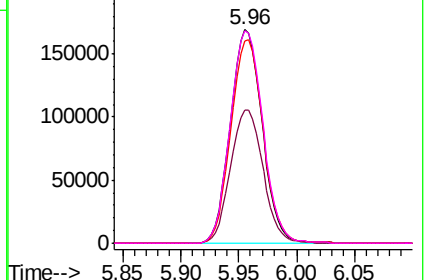
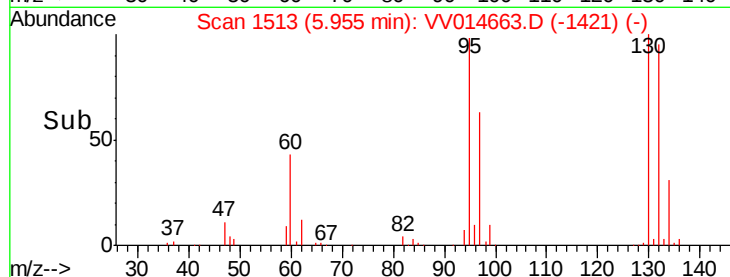


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#35

Methylcyclohexane

Concen: 9.869 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

Lab File: VV014663.D

Acq: 21 Feb 2020 19:12

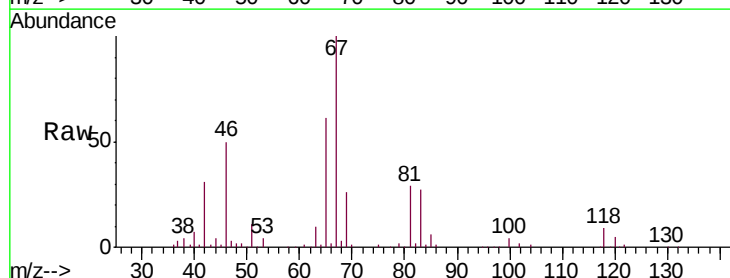
Tgt Ion: 83 Resp: 22082

Ion Ratio Lower Upper

83 100

55 0.2 56.1 84.1#

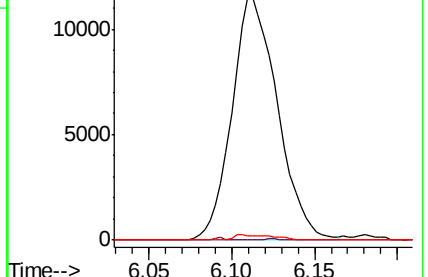
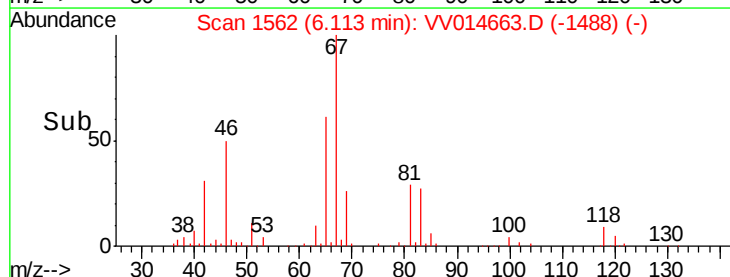
98 0.7 40.4 60.6#

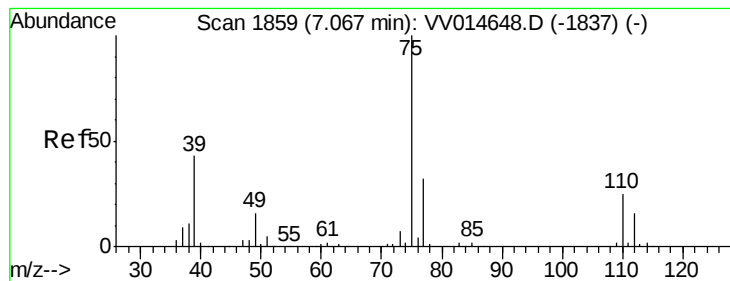


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0





#39

cis-1,3-Dichloropropene

Concen: 1.227 ug/L

RT: 7.03 min Scan# 1846

Delta R.T. -0.04 min

Lab File: VV014663.D

Acq: 21 Feb 2020 19:12

Instrument :

MSVOA_V

ClientSampleId :

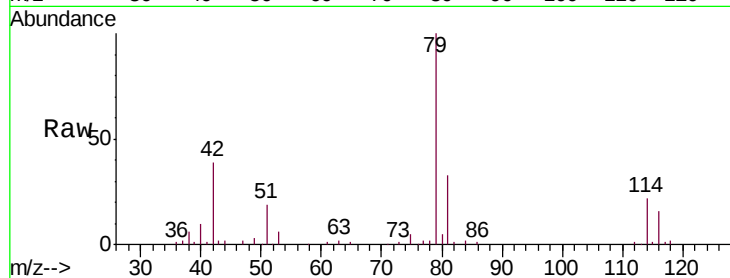
C0AP1

Tgt Ion: 75 Resp: 2887

Ion Ratio Lower Upper

75 100

77 43.3 22.4 41.6#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

2000

1500

1000

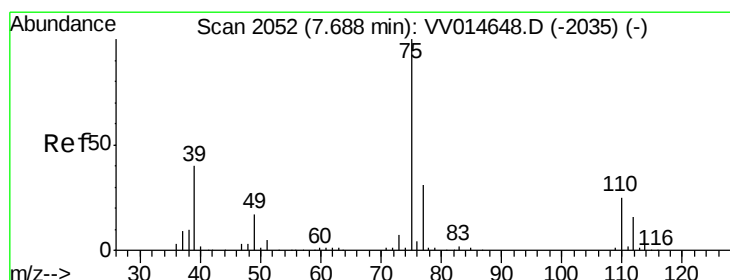
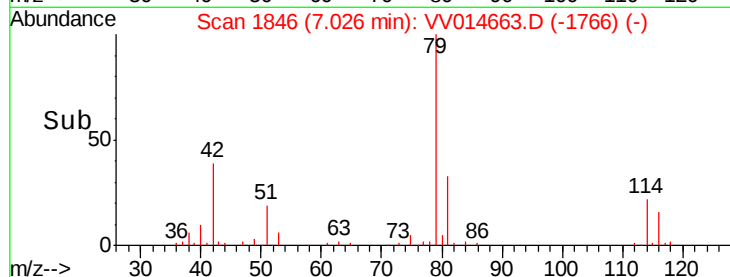
500

0

7.03

7.00 7.05

Time-->



#44

trans-1,3-Dichloropropene

Concen: 1.016 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV014663.D

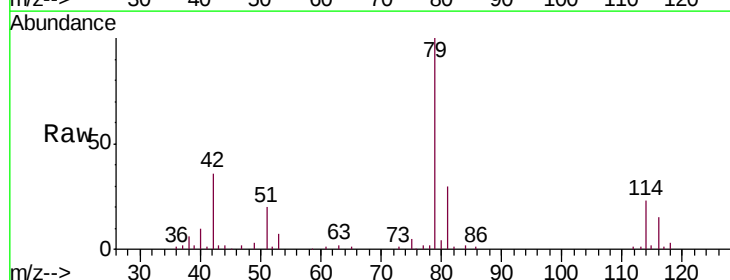
Acq: 21 Feb 2020 19:12

Tgt Ion: 75 Resp: 2167

Ion Ratio Lower Upper

75 100

77 29.6 21.9 40.7



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

1500

1000

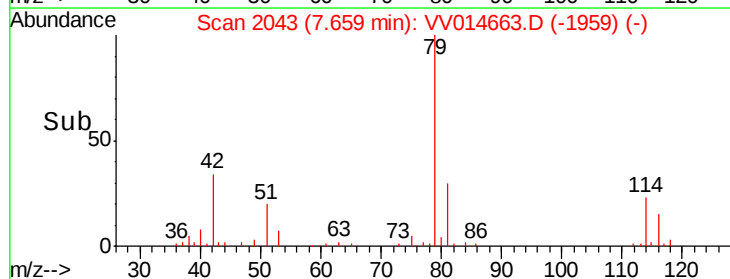
500

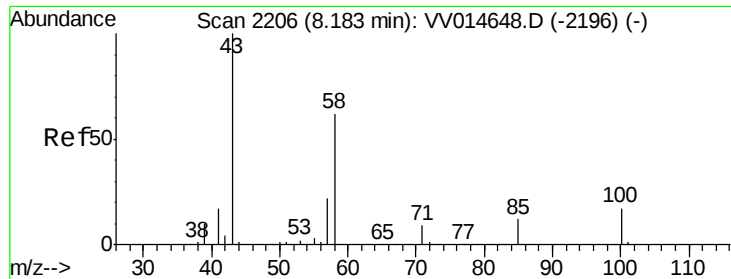
0

7.66

7.65 7.70

Time-->

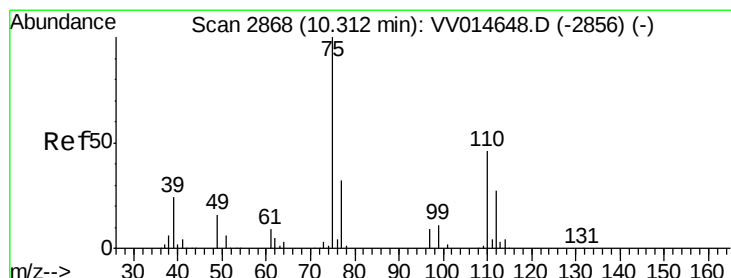
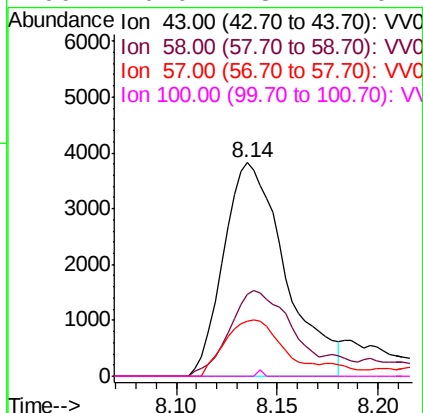
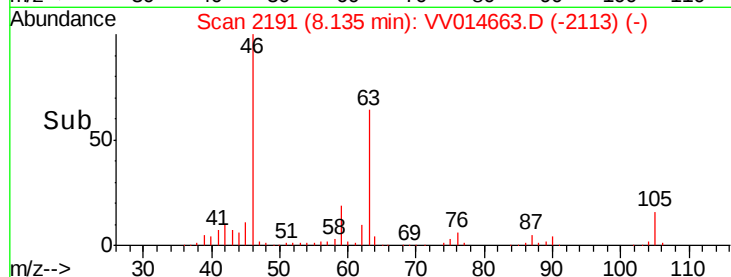
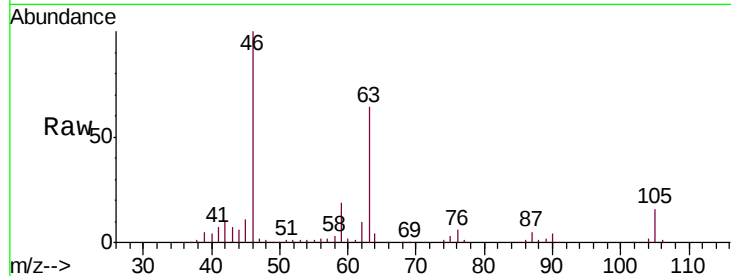




#48
 2-Hexanone
 Concen: 6.406 ug/L
 RT: 8.14 min Scan# 2191
 Delta R.T. -0.05 min
 Lab File: VV014663.D
 Acq: 21 Feb 2020 19:12

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AP1

Tgt Ion: 43 Resp: 8197
 Ion Ratio Lower Upper
 43 100
 58 39.5 49.4 74.2#
 57 24.7 17.8 26.8
 100 0.0 13.1 19.7#



#59
 1,2,3-Trichloropropane
 Concen: 6.392 ug/L
 RT: 11.29 min Scan# 3172
 Delta R.T. 0.98 min
 Lab File: VV014663.D
 Acq: 21 Feb 2020 19:12

Tgt Ion: 75 Resp: 11391
 Ion Ratio Lower Upper
 75 100
 77 37.2 25.7 38.5

