

Data File : VV014657.D
Acq On : 21 Feb 2020 16:53
Operator : SY/MD
Sample : L1608-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AR0

Quant Time: Feb 21 23:40:26 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	222606	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	208387	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	98291	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	38609	44.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.82%
7) Chloroethane-d5	1.58	69	29719	47.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.34%
11) 1,1-Dichloroethene-d2	2.13	63	59539	36.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.48%
21) 2-Butanone-d5	3.95	46	84233	104.23	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.23%
24) Chloroform-d	4.40	84	134681	47.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.64%
26) 1,2-Dichloroethane-d4	5.08	65	92985	51.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.20%
32) Benzene-d6	5.09	84	274353	49.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.48%
36) 1,2-Dichloropropane-d6	6.11	67	80900	50.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.60%
41) Toluene-d8	7.35	98	253563	47.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.46%
43) trans-1,3-Dichloropropene-	7.66	79	43236	47.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.98%
47) 2-Hexanone-d5	8.14	63	67079	104.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.07%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	113541	50.95	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.90%
64) 1,2-Dichlorobenzene-d4	11.67	152	97976	50.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.90%

Target Compounds

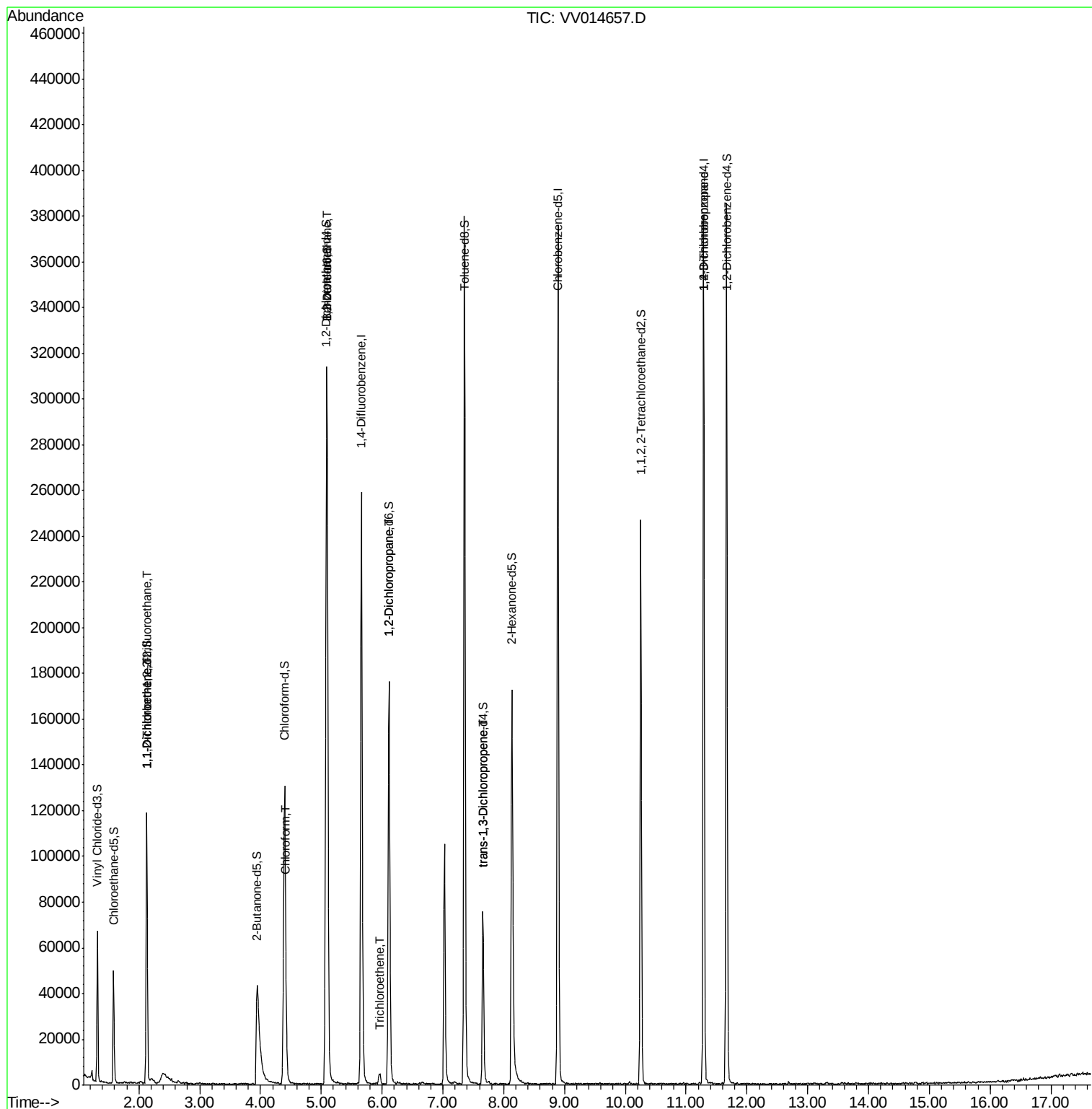
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	548	0.727	ug/L #	17
12) 1,1-Dichloroethene	2.13	96	497	0.732	ug/L #	1
25) Chloroform	4.42	83	3790	1.374	ug/L	99
27) 1,2-Dichloroethane	5.09	62	1970	0.974	ug/L #	74
34) Trichloroethene	5.97	95	1087	0.695	ug/L #	88
37) 1,2-Dichloropropane	6.11	63	9887	7.522	ug/L #	86
44) trans-1,3-Dichloropropene	7.66	75	2044	0.960	ug/L	91
59) 1,2,3-Trichloropropane	11.29	75	11025	6.199	ug/L	91

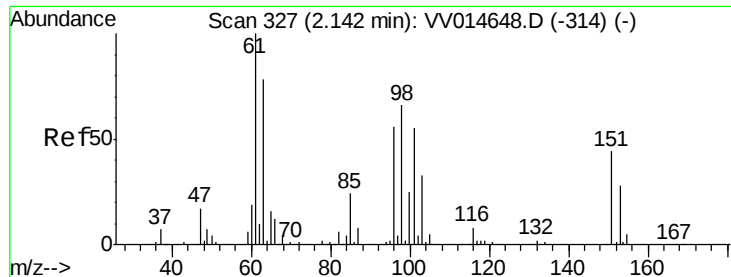
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.727 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV014657.D

Acq: 21 Feb 2020 16:53

Instrument :

MSVOA_V

ClientSampleId :

C0AR0

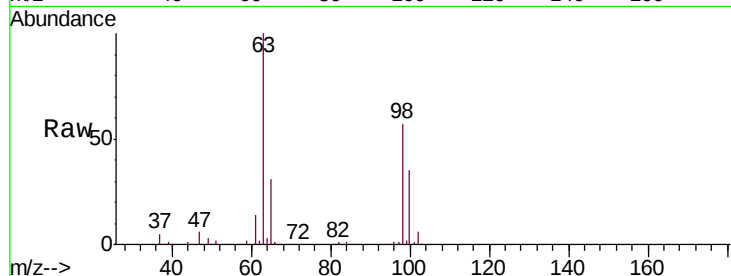
Tgt Ion: 101 Resp: 548

Ion Ratio Lower Upper

101 100

85 0.0 37.3 55.9#

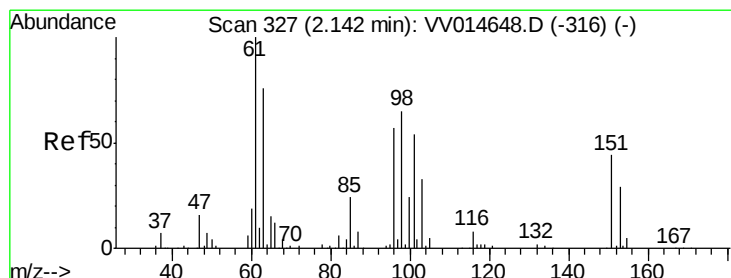
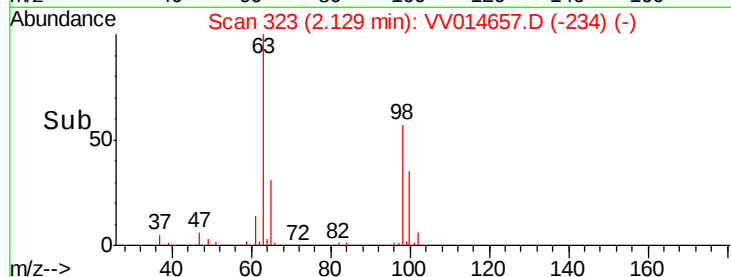
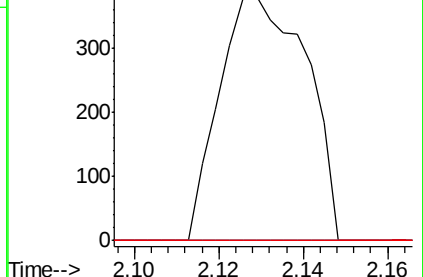
151 0.0 64.6 96.8#



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: 0.732 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.02 min

Lab File: VV014657.D

Acq: 21 Feb 2020 16:53

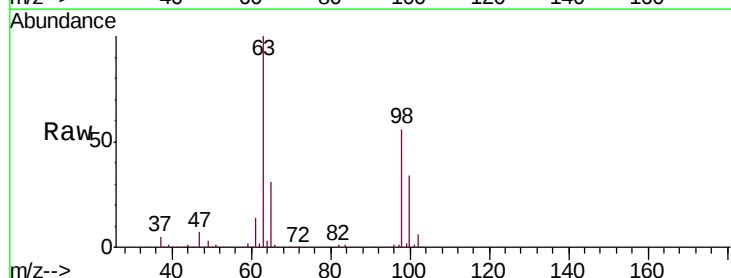
Tgt Ion: 96 Resp: 497

Ion Ratio Lower Upper

96 100

61 1261.0 124.5 231.1#

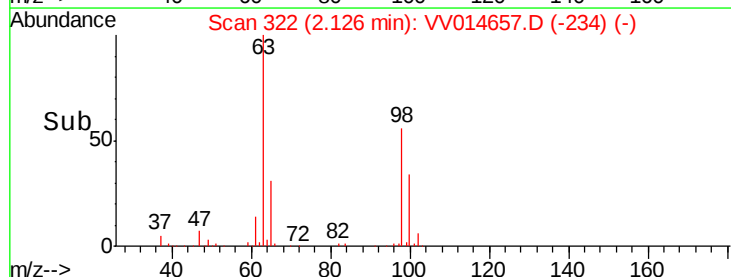
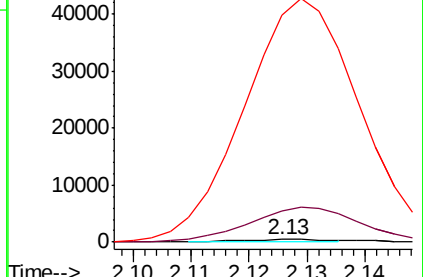
63 9199.1 98.1 182.1#

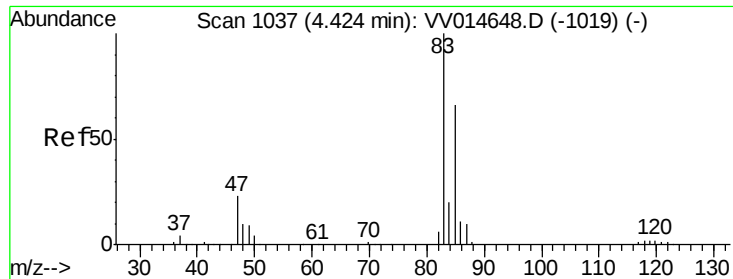


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

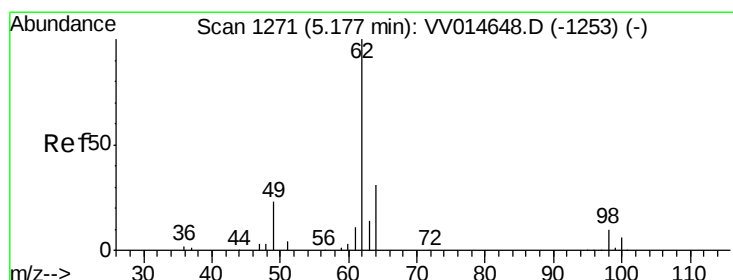
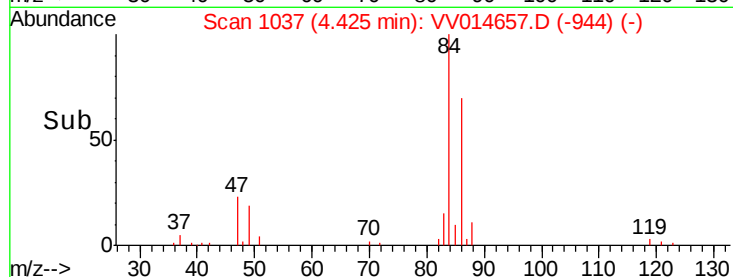
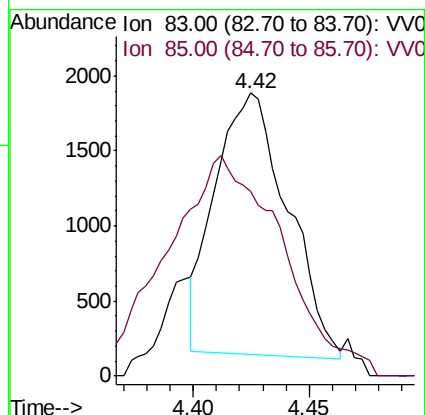
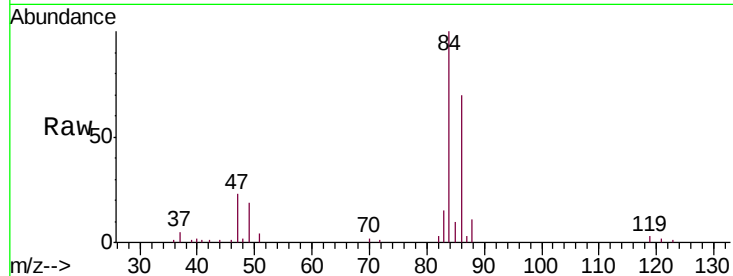




#25
Chloroform
Concen: 1.374 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV014657.D
Acq: 21 Feb 2020 16:53

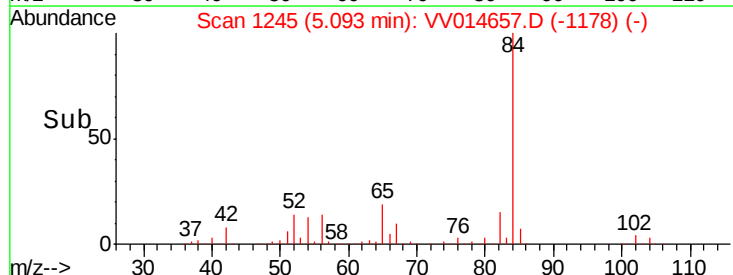
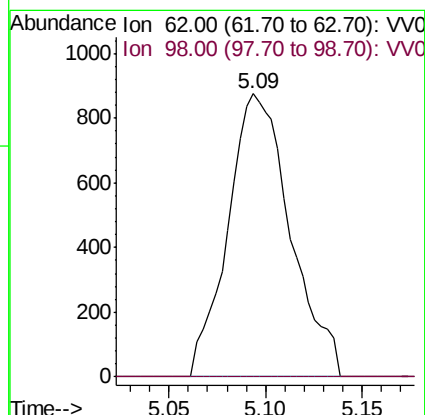
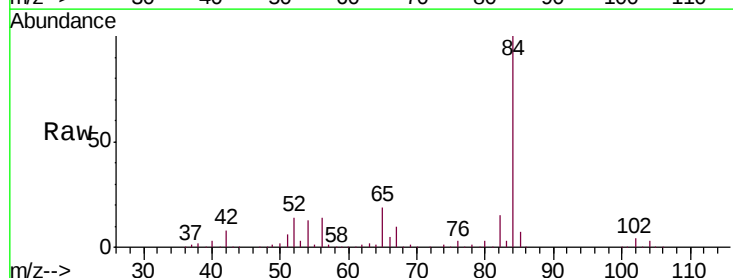
Instrument :
MSVOA_V
ClientSampleId :
C0AR0

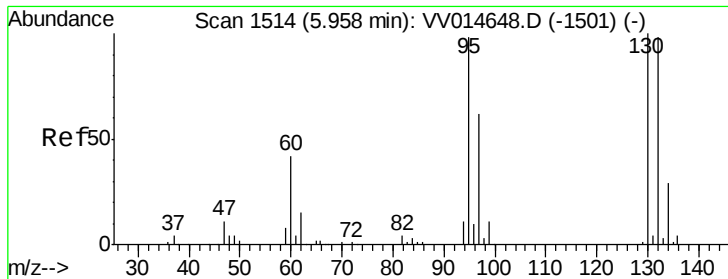
Tgt Ion: 83 Resp: 3790
Ion Ratio Lower Upper
83 100
85 65.1 46.1 85.7



#27
1,2-Dichloroethane
Concen: 0.974 ug/L
RT: 5.09 min Scan# 1245
Delta R.T. -0.08 min
Lab File: VV014657.D
Acq: 21 Feb 2020 16:53

Tgt Ion: 62 Resp: 1970
Ion Ratio Lower Upper
62 100
98 0.0 7.8 11.6#





#34

Trichloroethene

Concen: 0.695 ug/L

RT: 5.97 min Scan# 1517

Delta R.T. 0.01 min

Lab File: VV014657.D

Acq: 21 Feb 2020 16:53

Instrument :

MSVOA_V

ClientSampleId :

C0AR0

Tgt Ion: 95 Resp: 1087

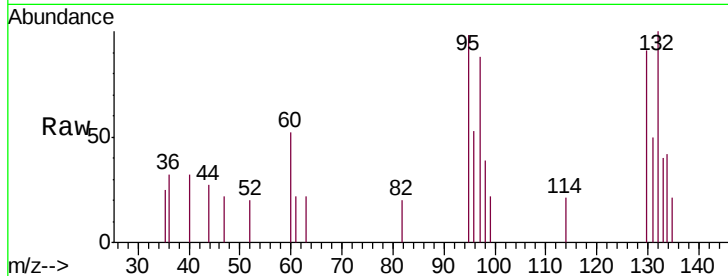
Ion Ratio Lower Upper

95 100

97 89.7 44.3 82.3#

132 101.6 69.7 129.4

130 92.9 71.3 132.5



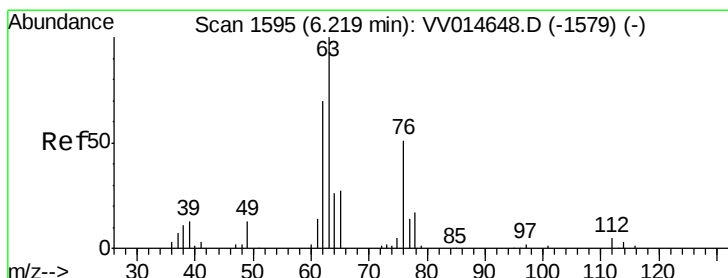
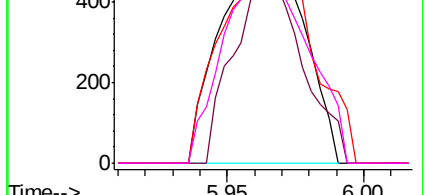
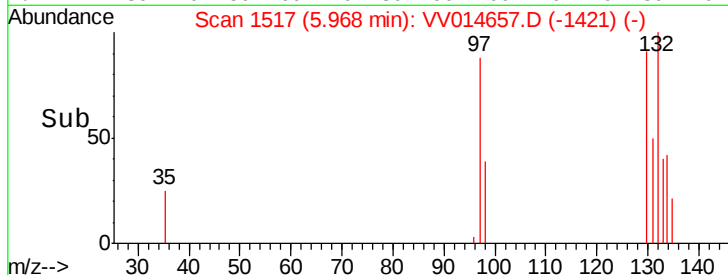
Abundance Ion 95.00 (94.70 to 95.70): VV014648.D (-1501) (-)

Ion 97.00 (96.70 to 97.70): VV014648.D (-1501) (-)

Ion 132.00 (131.70 to 132.70): VV014648.D (-1501) (-)

Ion 130.00 (129.70 to 130.70): VV014648.D (-1501) (-)

Time-->



#37

1,2-Dichloropropane

Concen: 7.522 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.11 min

Lab File: VV014657.D

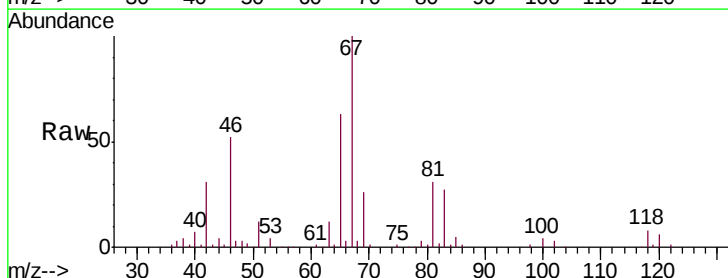
Acq: 21 Feb 2020 16:53

Tgt Ion: 63 Resp: 9887

Ion Ratio Lower Upper

63 100

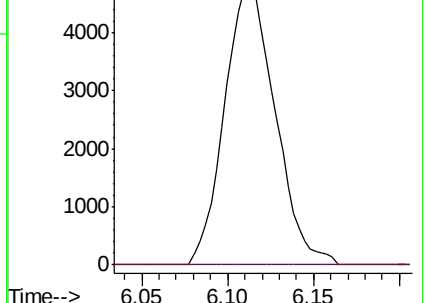
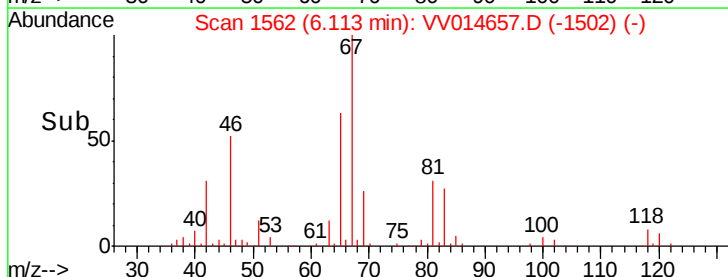
112 0.0 3.8 5.6#

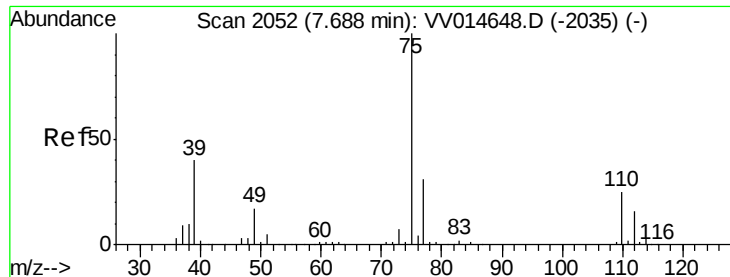


Abundance Ion 63.00 (62.70 to 63.70): VV014648.D (-1579) (-)

Ion 112.00 (111.70 to 112.70): VV014648.D (-1579) (-)

Time-->





#44

trans-1,3-Dichloropropene

Concen: 0.960 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV014657.D

Acq: 21 Feb 2020 16:53

Instrument :

MSVOA_V

ClientSampled :

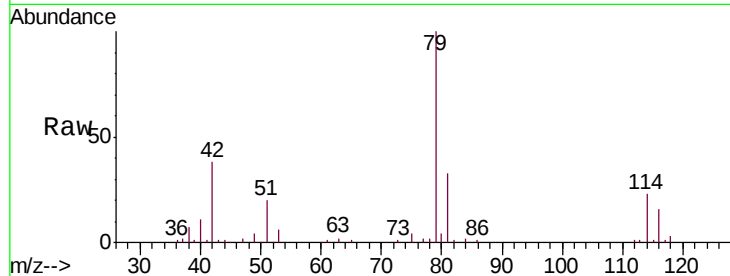
C0AR0

Tgt Ion: 75 Resp: 2044

Ion Ratio Lower Upper

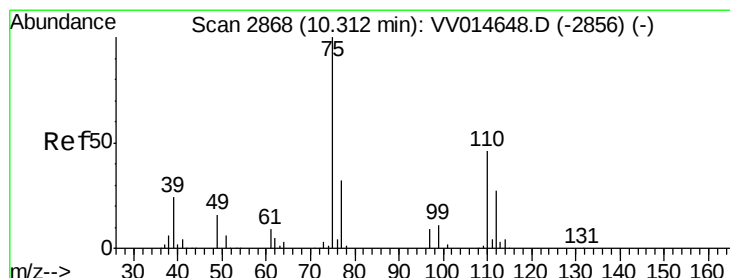
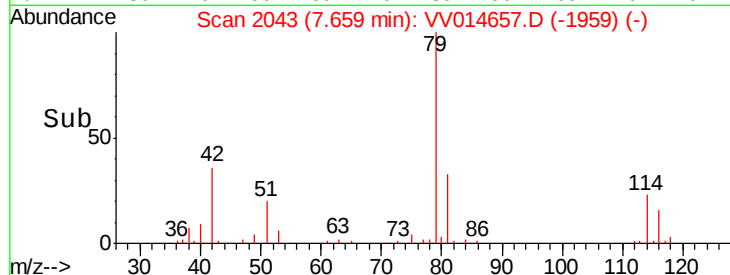
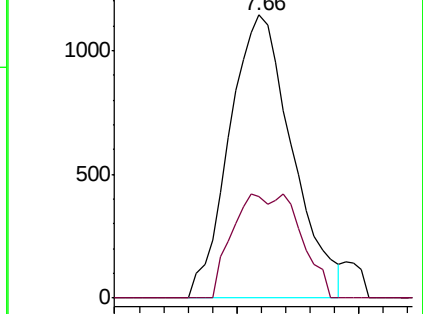
75 100

77 36.1 21.9 40.7



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#59

1,2,3-Trichloropropane

Concen: 6.199 ug/L

RT: 11.29 min Scan# 3171

Delta R.T. 0.97 min

Lab File: VV014657.D

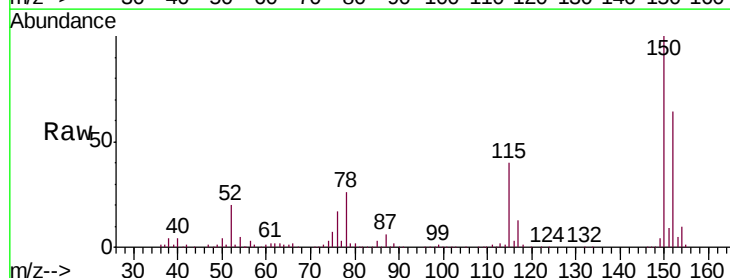
Acq: 21 Feb 2020 16:53

Tgt Ion: 75 Resp: 11025

Ion Ratio Lower Upper

75 100

77 37.1 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

