

Data File : VV014653.D
Acq On : 21 Feb 2020 15:19
Operator : SY/MD
Sample : L1584-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AM6

Quant Time: Feb 21 23:39:48 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	235044	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	221213	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	104721	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	43003	46.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.68%
7) Chloroethane-d5	1.59	69	31658	47.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.16%
11) 1,1-Dichloroethene-d2	2.13	63	65913	38.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.04%
21) 2-Butanone-d5	3.95	46	77660	91.01	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.01%
24) Chloroform-d	4.40	84	145100	48.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.56%
26) 1,2-Dichloroethane-d4	5.07	65	96981	50.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.94%
32) Benzene-d6	5.09	84	296515	50.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.28%
36) 1,2-Dichloropropane-d6	6.11	67	86762	50.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.64%
41) Toluene-d8	7.35	98	274752	48.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.44%
43) trans-1,3-Dichloropropene-	7.66	79	45529	47.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.20%
47) 2-Hexanone-d5	8.13	63	68432	100.01	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.01%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	116901	49.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.84%
64) 1,2-Dichlorobenzene-d4	11.67	152	105223	51.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.72%

Target Compounds

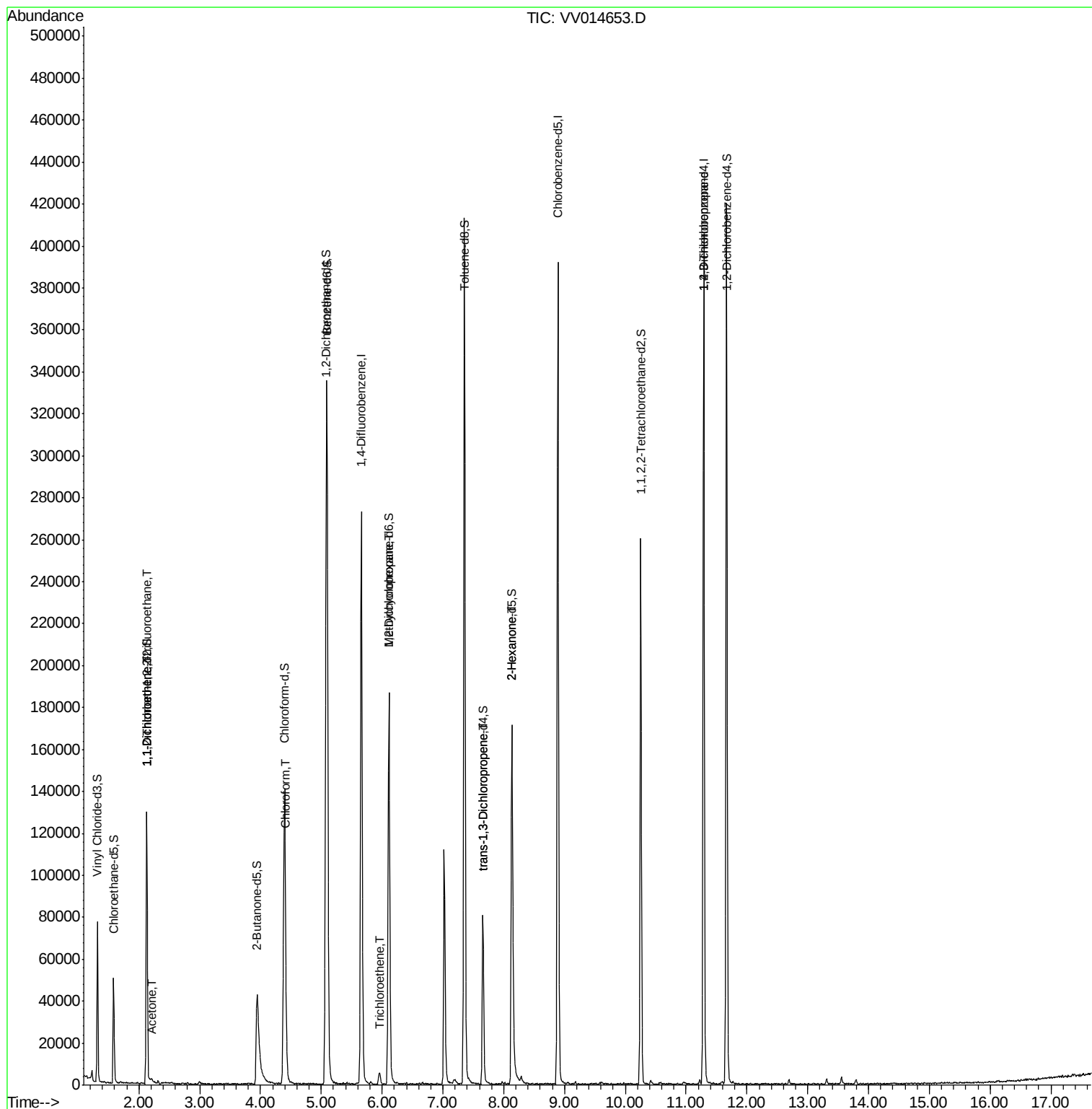
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	652	0.819 ug/L #	17
12) 1,1-Dichloroethene	2.14	96	573	0.800 ug/L #	1
13) Acetone	2.21	43	1762	2.326 ug/L	96
25) Chloroform	4.42	83	4893	1.680 ug/L	96
34) Trichloroethene	5.96	95	1430	0.861 ug/L	91
35) Methylcyclohexane	6.11	83	23013	9.708 ug/L #	21
44) trans-1,3-Dichloropropene	7.66	75	2421	1.071 ug/L	89
48) 2-Hexanone	8.14	43	7845	5.786 ug/L #	72
59) 1,2,3-Trichloropropane	11.29	75	11864	6.284 ug/L	91

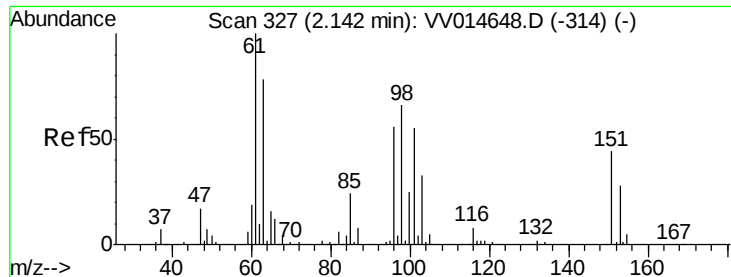
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.819 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV014653.D

Acq: 21 Feb 2020 15:19

Instrument :

MSVOA_V

ClientSampleId :

C0AM6

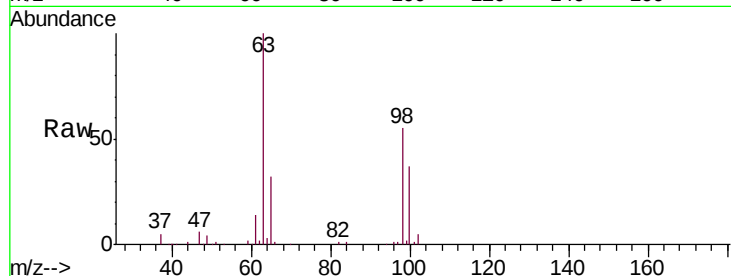
Tgt Ion: 101 Resp: 652

Ion Ratio Lower Upper

101 100

85 0.0 37.3 55.9#

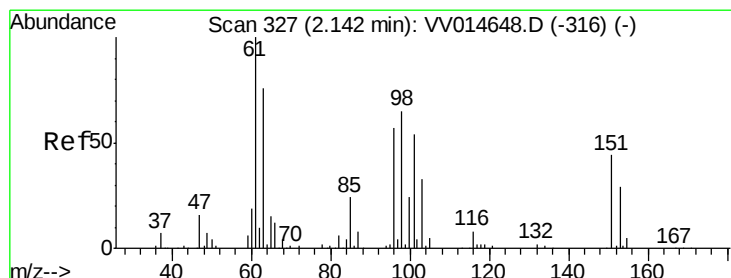
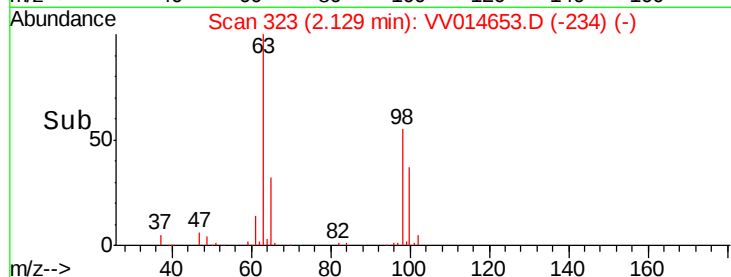
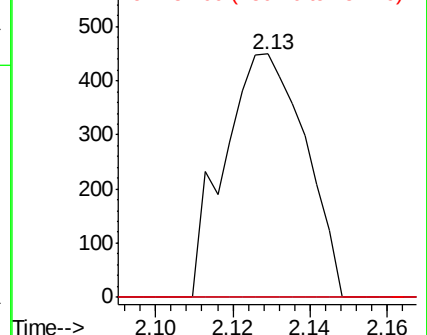
151 0.0 64.6 96.8#



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: 0.800 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VV014653.D

Acq: 21 Feb 2020 15:19

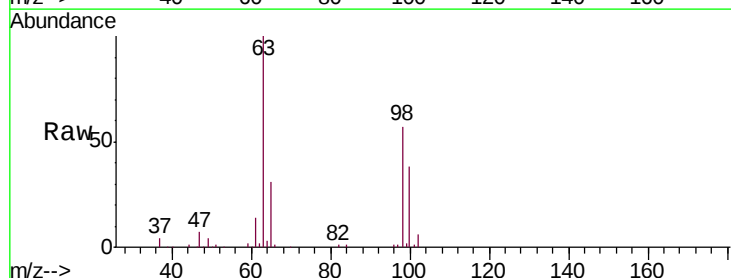
Tgt Ion: 96 Resp: 573

Ion Ratio Lower Upper

96 100

61 1265.2 124.5 231.1#

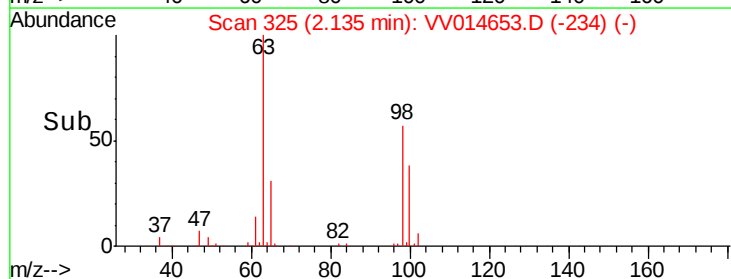
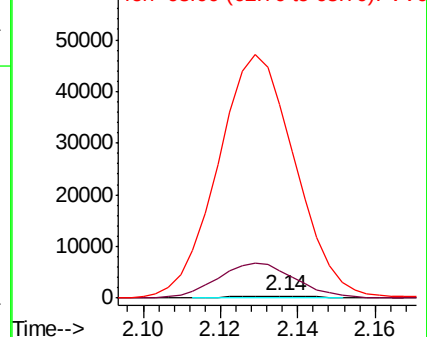
63 8956.2 98.1 182.1#

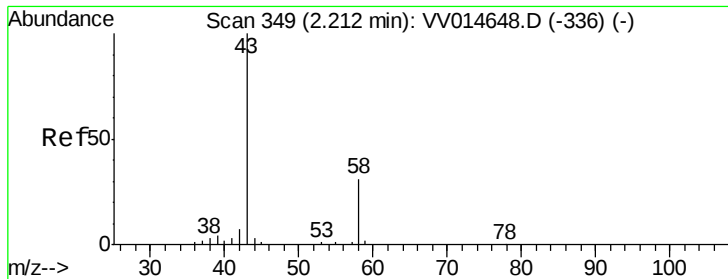


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 2.326 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.00 min

Lab File: VV014653.D

Acq: 21 Feb 2020 15:19

Instrument :

MSVOA_V

ClientSampled :

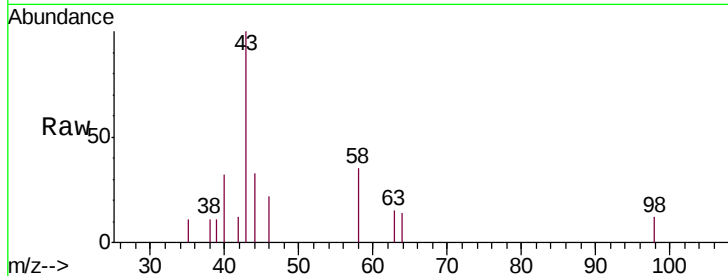
C0AM6

Tgt Ion: 43 Resp: 1762

Ion Ratio Lower Upper

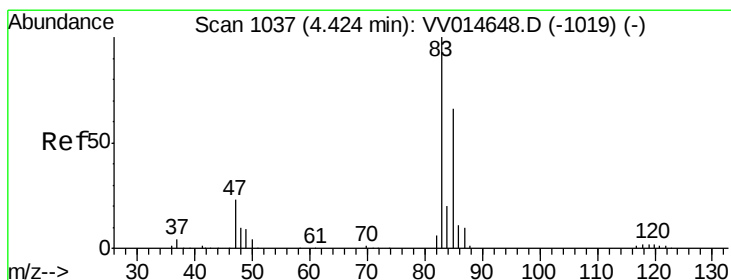
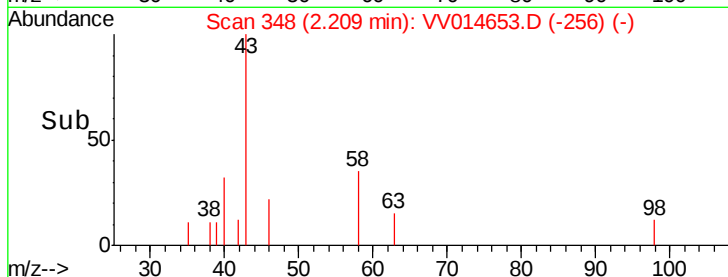
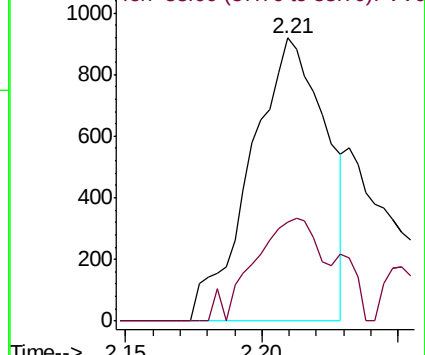
43 100

58 31.3 0.0 66.8



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

Ion 58.00 (57.70 to 58.70): VV014648.D (-336) (-)



#25

Chloroform

Concen: 1.680 ug/L

RT: 4.42 min Scan# 1035

Delta R.T. -0.01 min

Lab File: VV014653.D

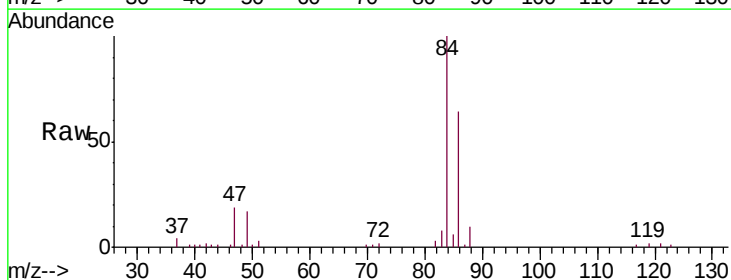
Acq: 21 Feb 2020 15:19

Tgt Ion: 83 Resp: 4893

Ion Ratio Lower Upper

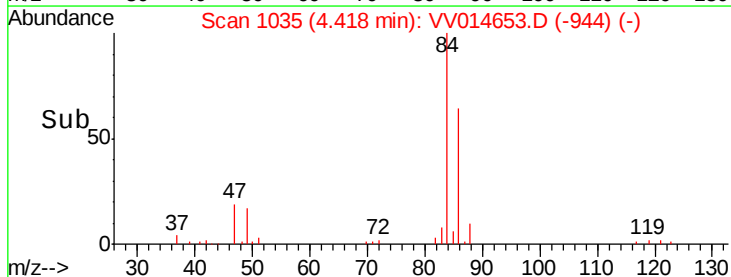
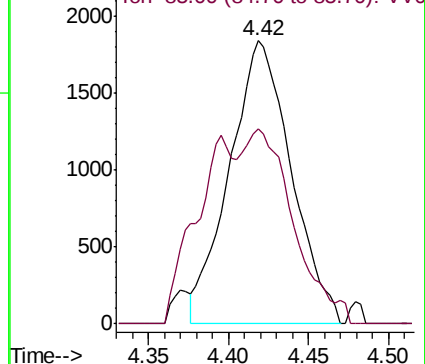
83 100

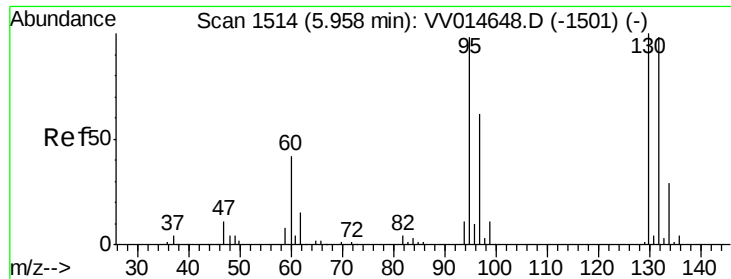
85 69.1 46.1 85.7



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

Ion 85.00 (84.70 to 85.70): VV014648.D (-1019) (-)





#34

Trichloroethene

Concen: 0.861 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.01 min

Lab File: VV014653.D

Acq: 21 Feb 2020 15:19

Instrument :

MSVOA_V

ClientSampleId :

C0AM6

Tgt Ion: 95 Resp: 1430

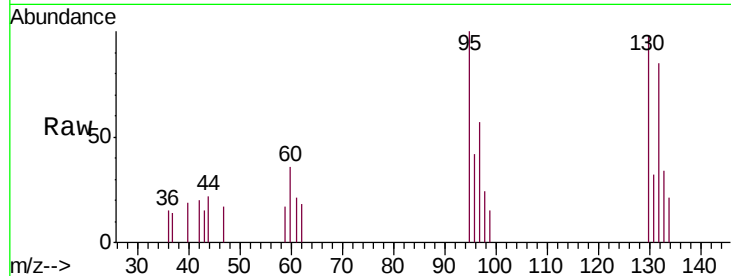
Ion Ratio Lower Upper

95 100

97 57.0 44.3 82.3

132 85.2 69.7 129.4

130 98.2 71.3 132.5



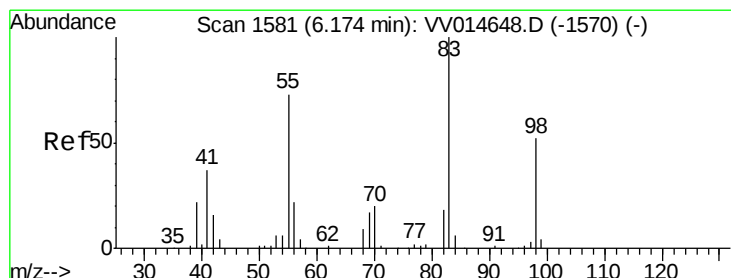
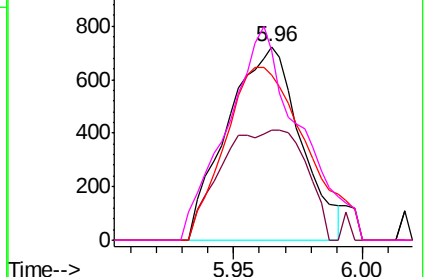
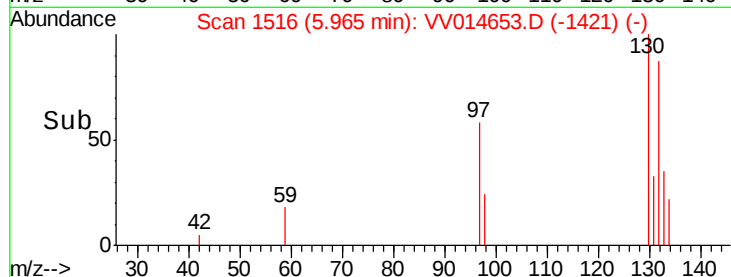
Abundance Ion 95.00 (94.70 to 95.70): VV0

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

Time-->



#35

Methylcyclohexane

Concen: 9.708 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

Lab File: VV014653.D

Acq: 21 Feb 2020 15:19

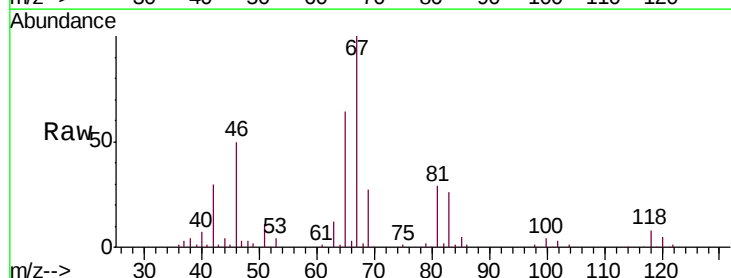
Tgt Ion: 83 Resp: 23013

Ion Ratio Lower Upper

83 100

55 0.2 56.1 84.1#

98 1.6 40.4 60.6#

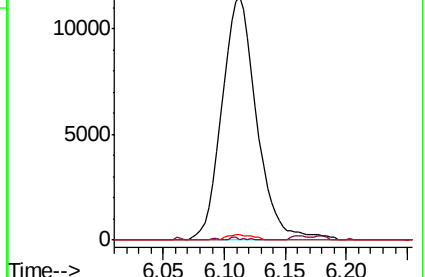
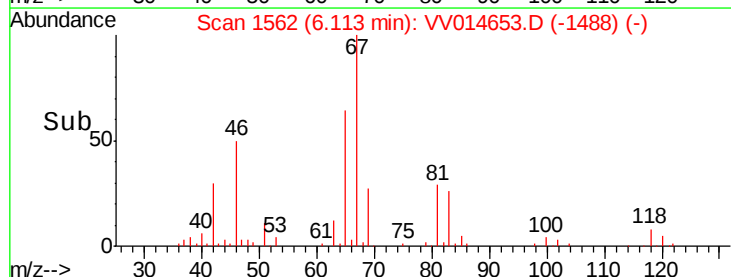


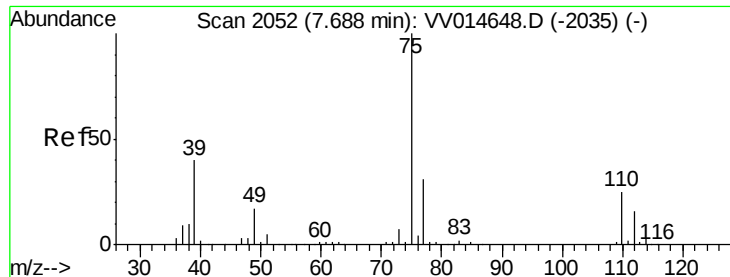
Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

Time-->





#44

trans-1,3-Dichloropropene

Concen: 1.071 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV014653.D

Acq: 21 Feb 2020 15:19

Instrument :

MSVOA_V

ClientSampleId :

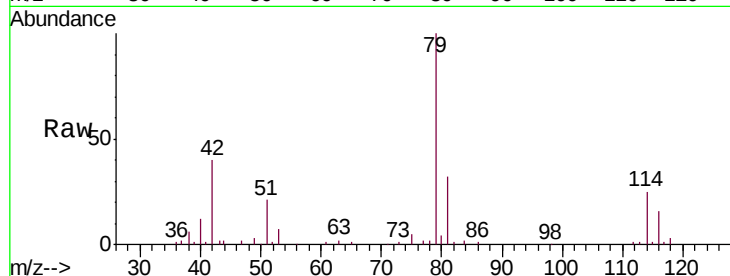
C0AM6

Tgt Ion: 75 Resp: 2421

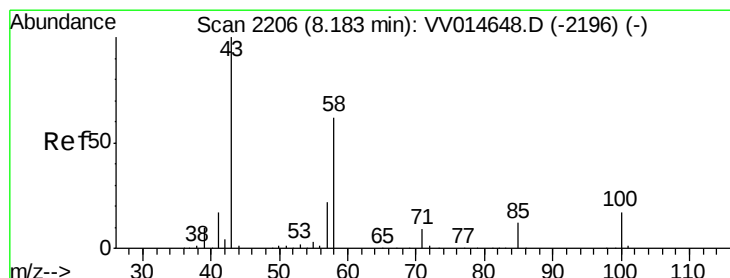
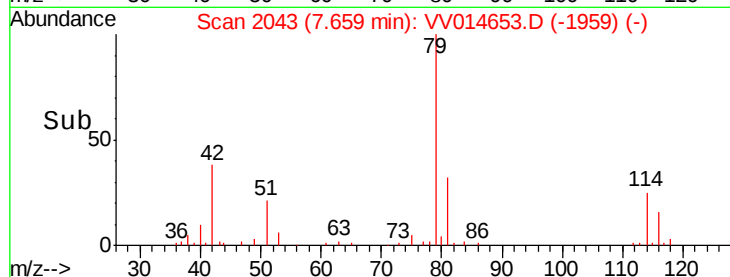
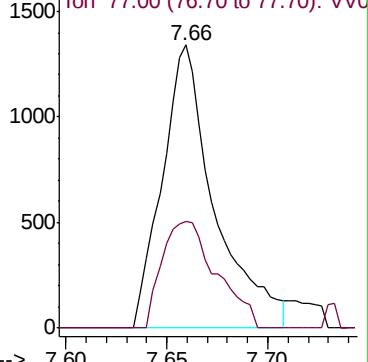
Ion Ratio Lower Upper

75 100

77 37.6 21.9 40.7



Abundance Ion 75.00 (74.70 to 75.70): VV014648.D (-2035) (-)



#48

2-Hexanone

Concen: 5.786 ug/L

RT: 8.14 min Scan# 2191

Delta R.T. -0.05 min

Lab File: VV014653.D

Acq: 21 Feb 2020 15:19

Tgt Ion: 43 Resp: 7845

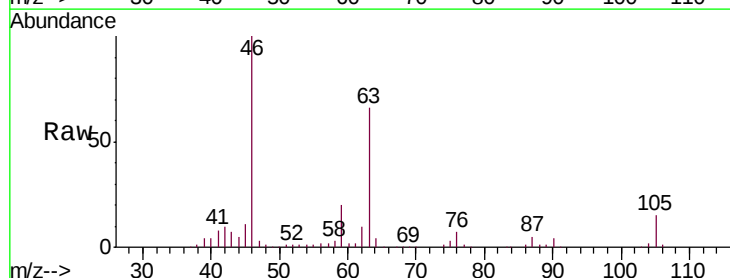
Ion Ratio Lower Upper

43 100

58 39.1 49.4 74.2#

57 29.3 17.8 26.8#

100 0.0 13.1 19.7#

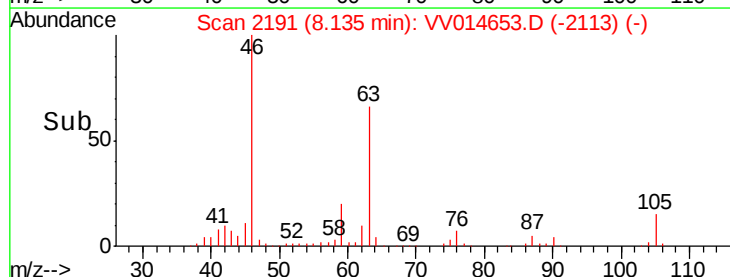
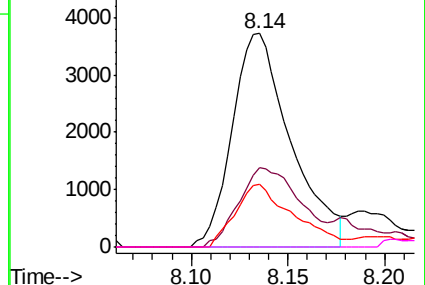


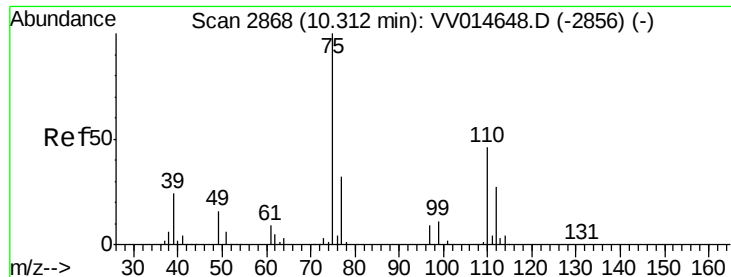
Abundance Ion 43.00 (42.70 to 43.70): VV014648.D (-2196) (-)

Ion 58.00 (57.70 to 58.70): VV014648.D (-2196) (-)

Ion 57.00 (56.70 to 57.70): VV014648.D (-2196) (-)

Ion 100.00 (99.70 to 100.70): VV014648.D (-2196) (-)





#59

1,2,3-Trichloropropane

Concen: 6.284 ug/L

RT: 11.29 min Scan# 3171

Delta R.T. 0.97 min

Lab File: VV014653.D

Acq: 21 Feb 2020 15:19

Instrument :

MSVOA_V

ClientSampleId :

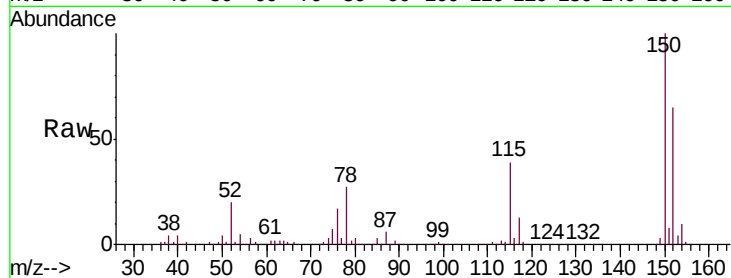
C0AM6

Tgt Ion: 75 Resp: 11864

Ion Ratio Lower Upper

75 100

77 37.4 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

