

Data File : VV014998.D
Acq On : 18 Mar 2020 01:34
Operator : SY/MD
Sample : L1940-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0DA7

Quant Time: Mar 18 07:46:19 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031620WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 18 07:43:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	316684	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	310380	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	149376	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	69690	33.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.06%
7) Chloroethane-d5	1.58	69	61269	39.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.20%
11) 1,1-Dichloroethene-d2	2.12	63	95872	29.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.24%#
21) 2-Butanone-d5	3.94	46	100268	77.94	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	77.94%
24) Chloroform-d	4.38	84	189075	43.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.02%
26) 1,2-Dichloroethane-d4	5.06	65	130079	46.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.42%
32) Benzene-d6	5.08	84	383289	44.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.66%
36) 1,2-Dichloropropane-d6	6.10	67	115833	45.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.98%
41) Toluene-d8	7.34	98	366865	43.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.76%
43) trans-1,3-Dichloropropene-	7.64	79	55122	40.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.44%
47) 2-Hexanone-d5	8.12	63	107976	93.95	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.95%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	174885	46.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.84%
64) 1,2-Dichlorobenzene-d4	11.65	152	160651	49.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

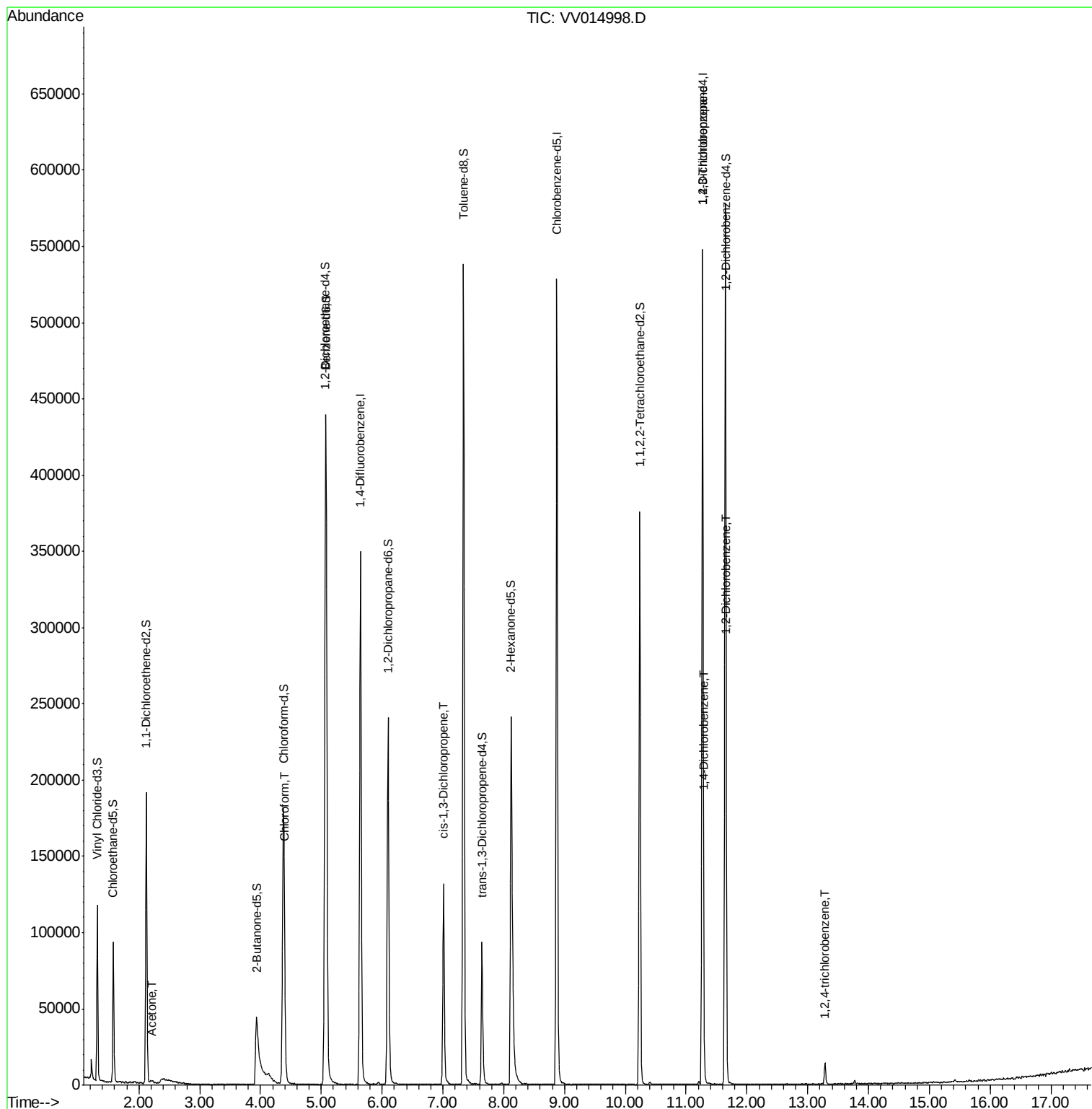
					Qvalue
13) Acetone	2.20	43	1197	0.942 ug/L	81
25) Chloroform	4.40	83	5546	1.338 ug/L	89
39) cis-1,3-Dichloropropene	7.01	75	3304	0.950 ug/L	87
59) 1,2,3-Trichloropropane	11.27	75	14844	5.115 ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	5980	1.206 ug/L	95
65) 1,2-Dichlorobenzene	11.67	146	4103	0.834 ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	5424	1.577 ug/L #	95

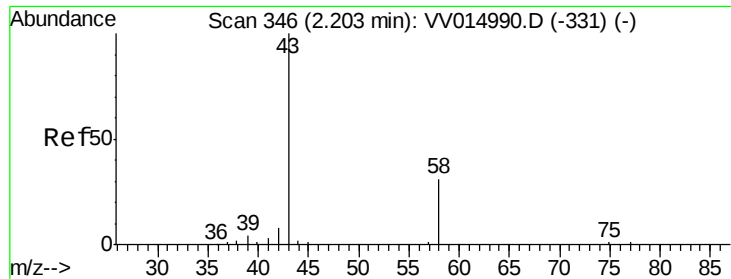
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.942 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.00 min

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Acq: 18 Mar 2020 01:34

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MSVOA_V

ClientSampleId :

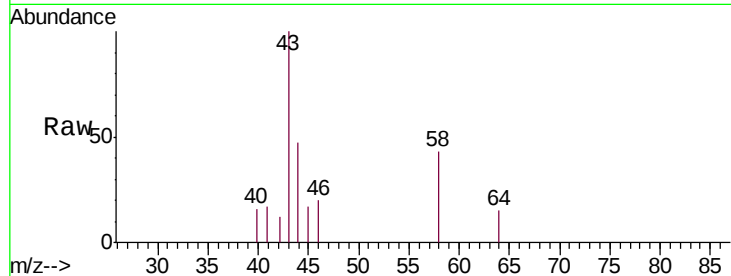
C0DA7

Tgt Ion: 43 Resp: 1197

Ion Ratio Lower Upper

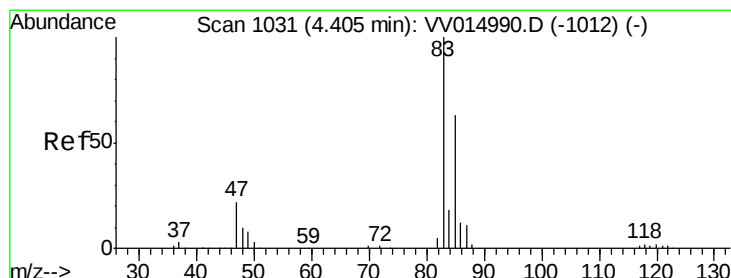
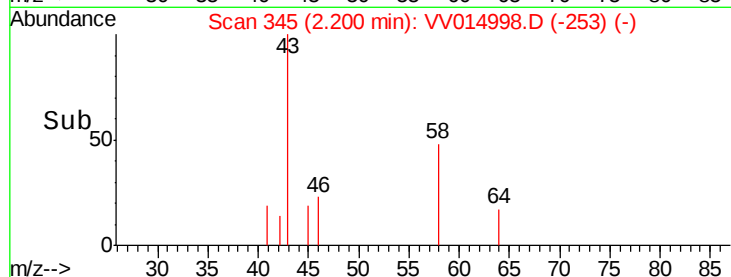
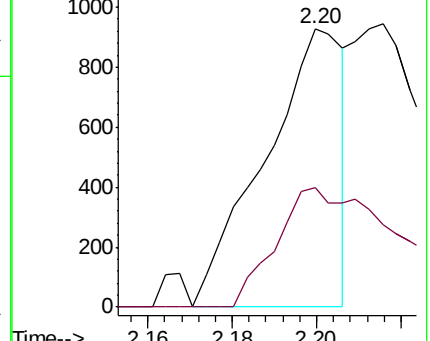
43 100

58 35.3 0.0 51.6



Abundance Ion 43.00 (42.70 to 43.70): VV014998.D (-253) (-)

Ion 58.00 (57.70 to 58.70): VV014998.D (-253) (-)



#25

Chloroform

Concen: 1.338 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VV014998.D

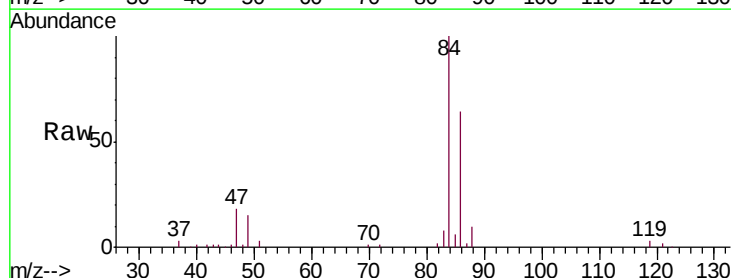
Acq: 18 Mar 2020 01:34

Tgt Ion: 83 Resp: 5546

Ion Ratio Lower Upper

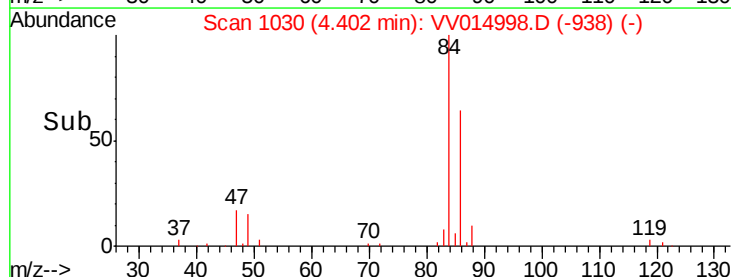
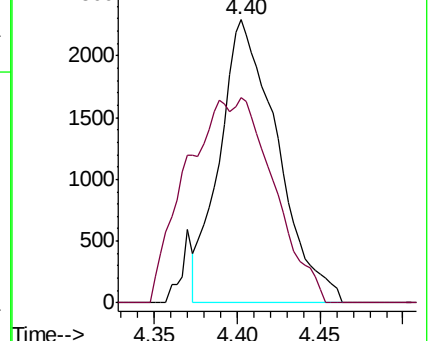
83 100

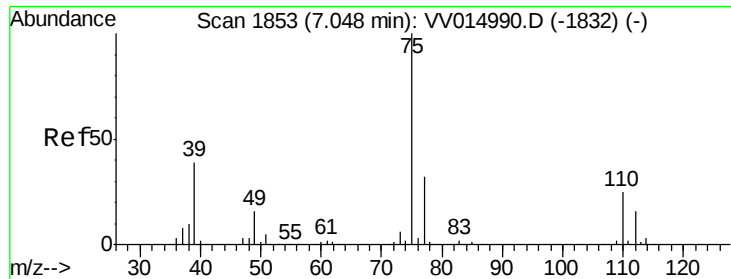
85 72.6 44.6 82.8



Abundance Ion 83.00 (82.70 to 83.70): VV014998.D (-938) (-)

Ion 85.00 (84.70 to 85.70): VV014998.D (-938) (-)

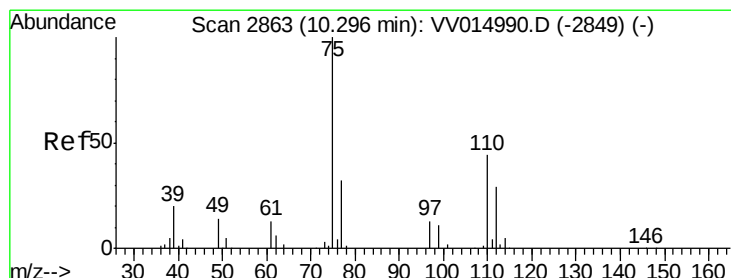
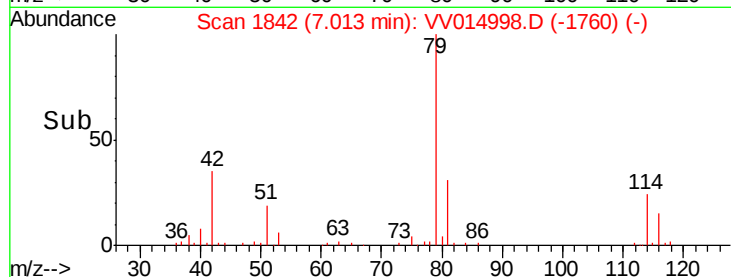
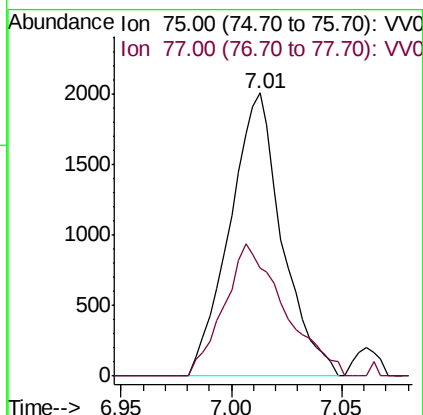
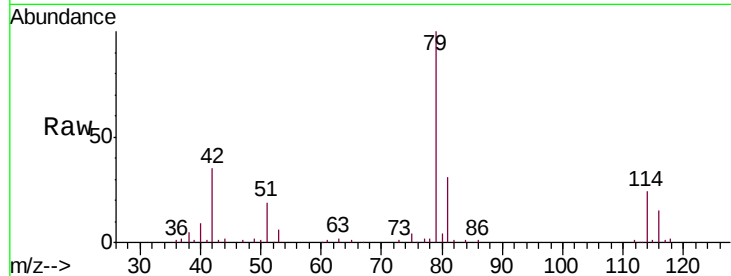




#39
 cis-1,3-Dichloropropene
 Concen: 0.950 ug/L
 RT: 7.01 min Scan# 1842
 Delta R.T. -0.04 min
 Lab File: VV014998.D
 Acq: 18 Mar 2020 01:34

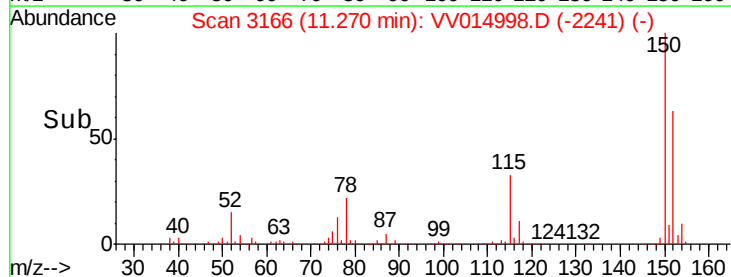
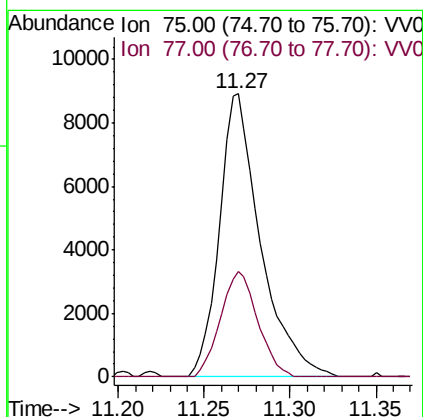
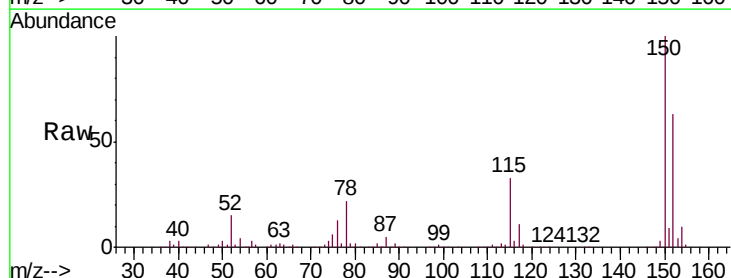
Instrument :
 MSVOA_V
 ClientSampleId :
 C0DA7

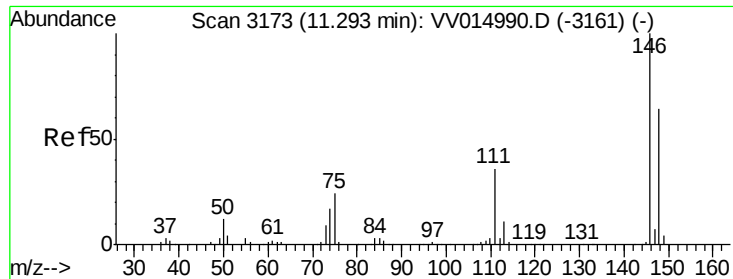
Tgt Ion: 75 Resp: 3304
 Ion Ratio Lower Upper
 75 100
 77 38.2 21.8 40.6



#59
 1,2,3-Trichloropropane
 Concen: 5.115 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.97 min
 Lab File: VV014998.D
 Acq: 18 Mar 2020 01:34

Tgt Ion: 75 Resp: 14844
 Ion Ratio Lower Upper
 75 100
 77 33.6 26.6 40.0





#63

1,4-Dichlorobenzene

Concen: 1.206 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.00 min

Lab File: VV014998.D

Acq: 18 Mar 2020 01:34

Instrument :

MSVOA_V

ClientSampleId :

C0DA7

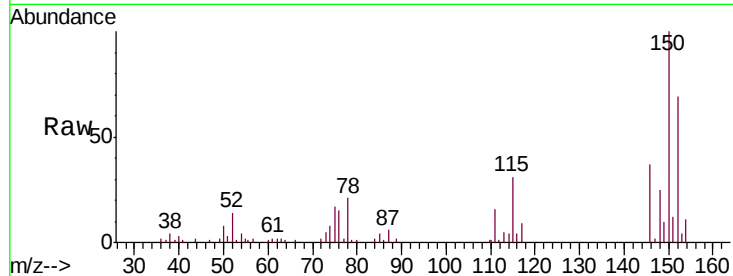
Tgt Ion:146 Resp: 5980

Ion Ratio Lower Upper

146 100

111 43.5 26.0 48.2

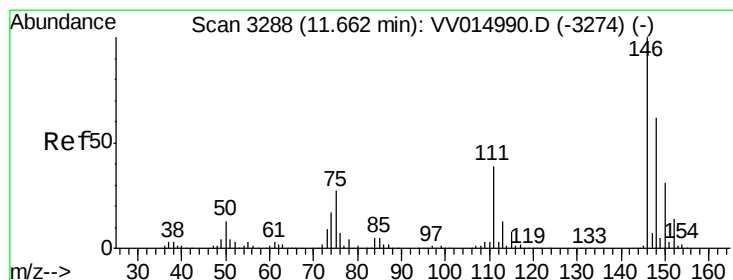
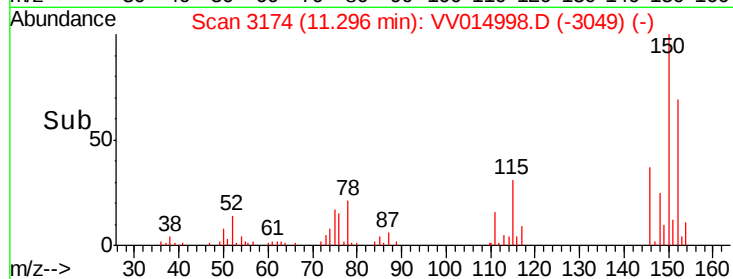
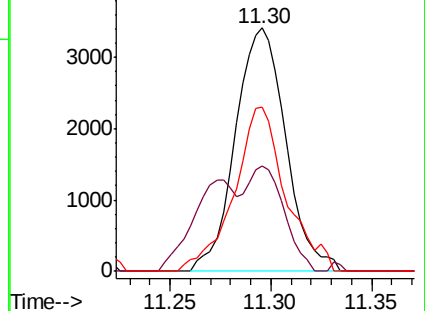
148 67.4 46.1 85.5



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#65

1,2-Dichlorobenzene

Concen: 0.834 ug/L

RT: 11.67 min Scan# 3290

Delta R.T. 0.01 min

Lab File: VV014998.D

Acq: 18 Mar 2020 01:34

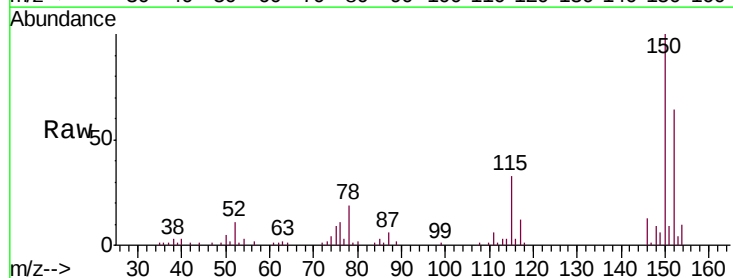
Tgt Ion:146 Resp: 4103

Ion Ratio Lower Upper

146 100

111 41.9 31.6 47.4

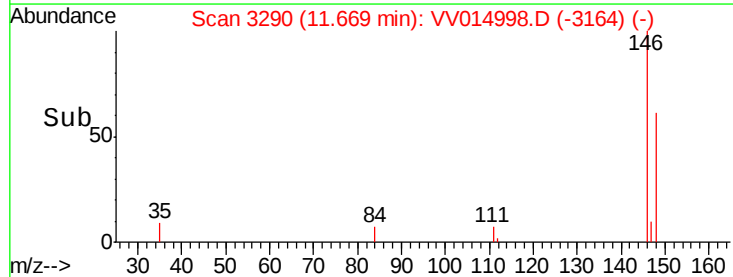
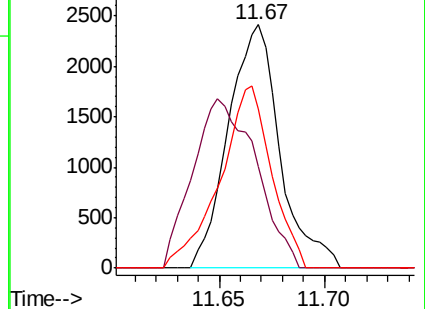
148 65.3 52.2 78.4

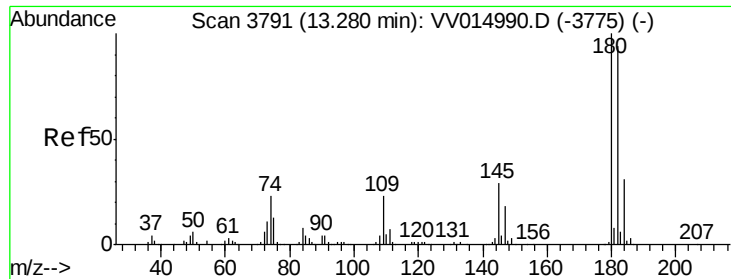


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#68
 1,2,4-trichlorobenzene
 Concen: 1.577 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.01 min
 Lab File: VV014998.D
 Acq: 18 Mar 2020 01:34

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DA7

Tgt Ion:180 Resp: 5424
 Ion Ratio Lower Upper
 180 100
 182 91.9 76.3 114.5
 145 22.7 23.1 34.7#

