

Data File : VV015003.D
Acq On : 18 Mar 2020 03:35
Operator : SY/MD
Sample : L1890-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0DG1

Quant Time: Mar 18 07:47:46 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	306187	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	298154	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	143347	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	67595	33.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.28%
7) Chloroethane-d5	1.58	69	57886	38.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.42%
11) 1,1-Dichloroethene-d2	2.12	63	91980	29.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.78%#
21) 2-Butanone-d5	3.93	46	90470	72.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	72.74%
24) Chloroform-d	4.38	84	187363	44.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.18%
26) 1,2-Dichloroethane-d4	5.06	65	125712	46.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.38%
32) Benzene-d6	5.08	84	372908	45.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.10	67	112209	45.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.76%
41) Toluene-d8	7.34	98	358439	44.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.24%
43) trans-1,3-Dichloropropene-	7.64	79	52794	40.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.20%
47) 2-Hexanone-d5	8.12	63	106313	96.29	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.29%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	169379	47.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	156750	49.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.84%

Target Compounds

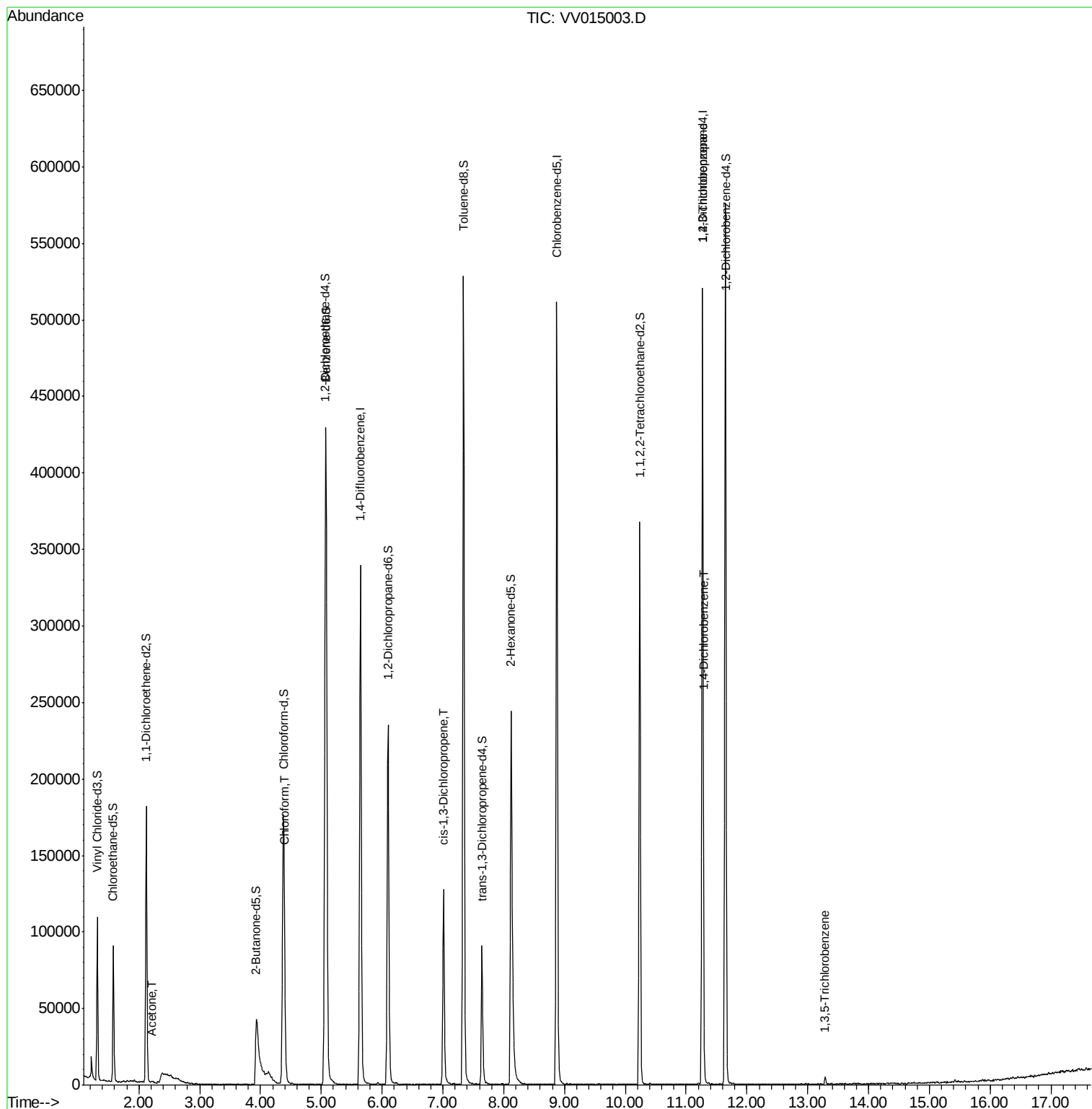
					Qvalue
13) Acetone	2.21	43	1317	1.072 ug/L	89
25) Chloroform	4.40	83	6810	1.699 ug/L	86
39) cis-1,3-Dichloropropene	7.01	75	2999	0.897 ug/L #	74
59) 1,2,3-Trichloropropane	11.27	75	14017	5.028 ug/L	96
63) 1,4-Dichlorobenzene	11.29	146	3013	0.633 ug/L	90
67) 1,3,5-Trichlorobenzene	13.29	180	1843	0.498 ug/L	96

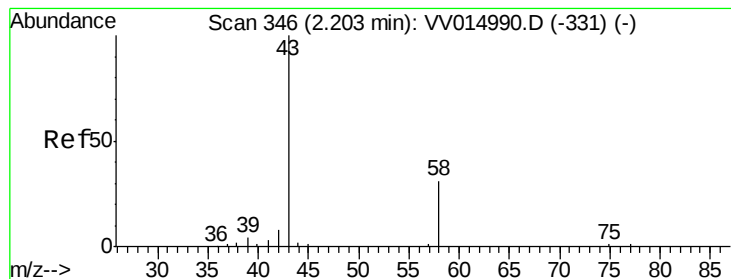
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.072 ug/L

RT: 2.21 min Scan# 348

Delta R.T. 0.01 min

Lab File: VV015003.D

Acq: 18 Mar 2020 03:35

Instrument :

MSVOA_V

ClientSampled :

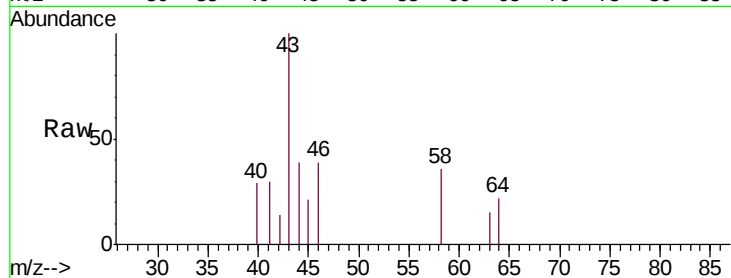
C0DG1

Tgt Ion: 43 Resp: 1317

Ion Ratio Lower Upper

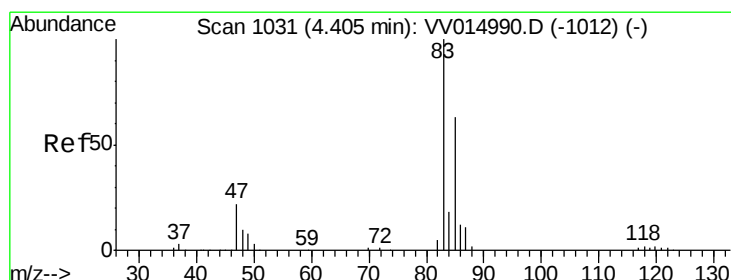
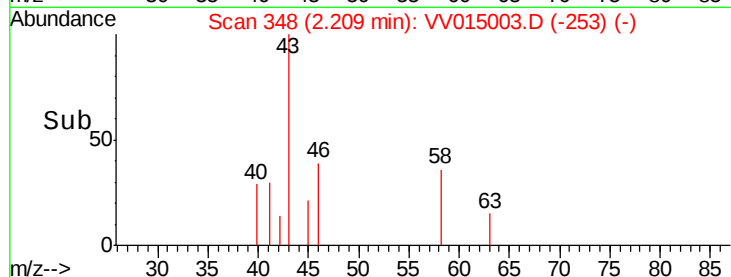
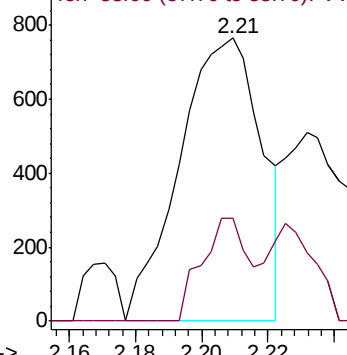
43 100

58 20.1 0.0 51.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#25

Chloroform

Concen: 1.699 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VV015003.D

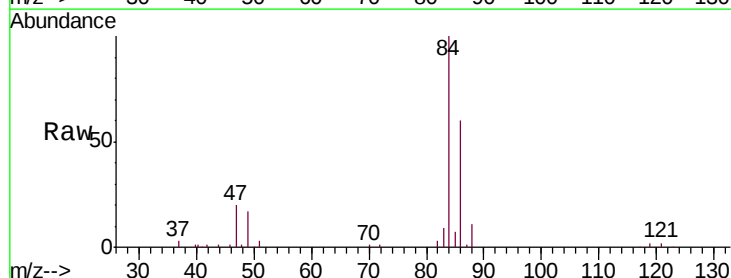
Acq: 18 Mar 2020 03:35

Tgt Ion: 83 Resp: 6810

Ion Ratio Lower Upper

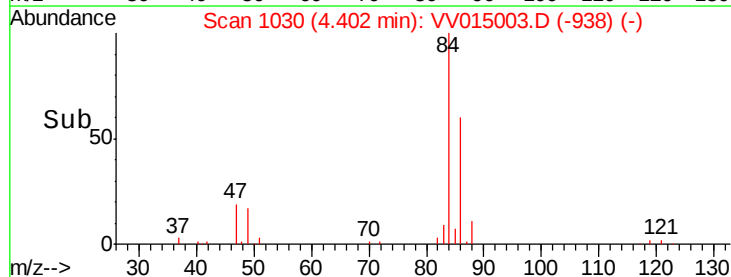
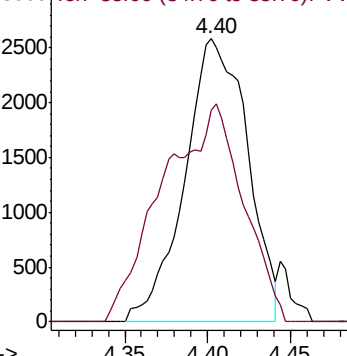
83 100

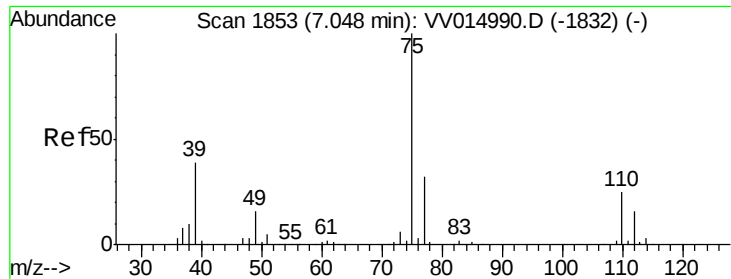
85 74.9 44.6 82.8



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

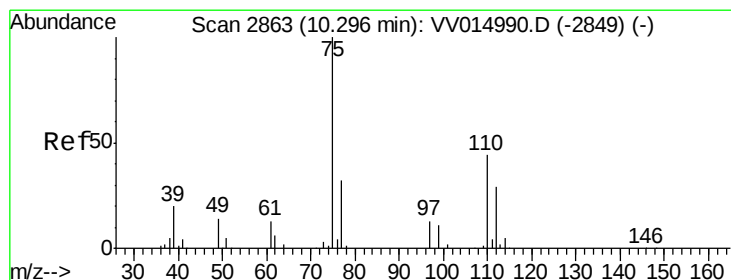
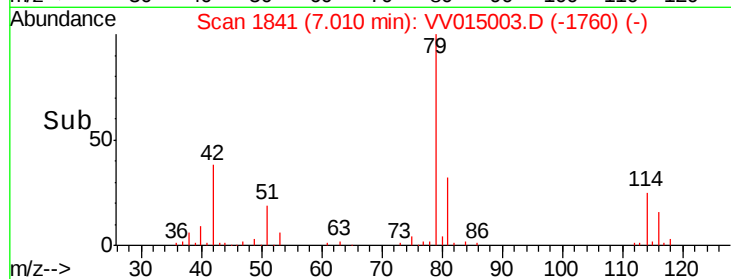
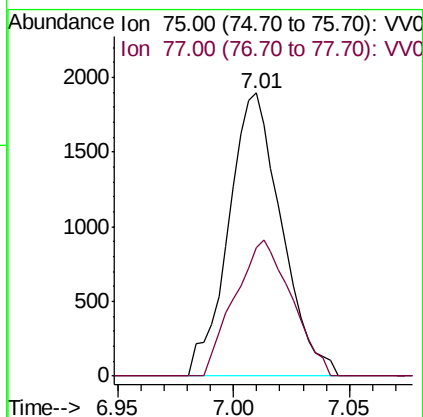
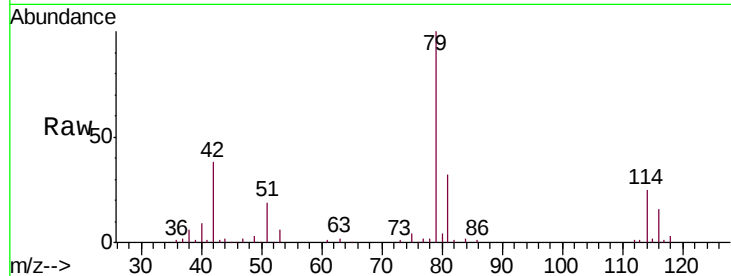




#39
 cis-1,3-Dichloropropene
 Concen: 0.897 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV015003.D
 Acq: 18 Mar 2020 03:35

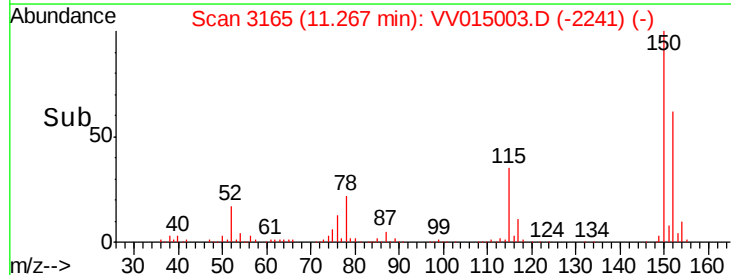
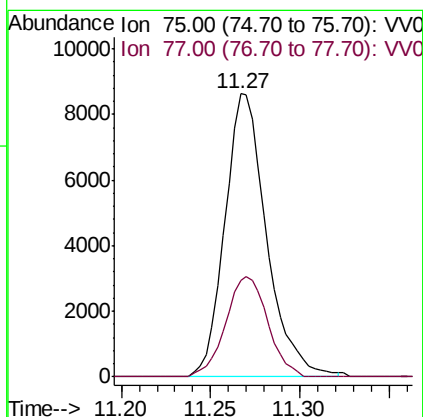
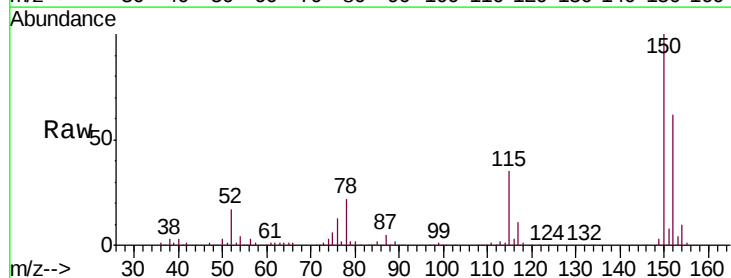
Instrument :
 MSVOA_V
 ClientSampleId :
 C0DG1

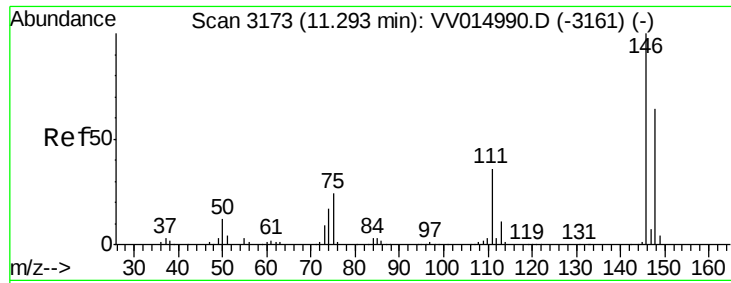
Tgt Ion: 75 Resp: 2999
 Ion Ratio Lower Upper
 75 100
 77 45.5 21.8 40.6#



#59
 1,2,3-Trichloropropane
 Concen: 5.028 ug/L
 RT: 11.27 min Scan# 3165
 Delta R.T. 0.97 min
 Lab File: VV015003.D
 Acq: 18 Mar 2020 03:35

Tgt Ion: 75 Resp: 14017
 Ion Ratio Lower Upper
 75 100
 77 35.7 26.6 40.0





#63

1,4-Dichlorobenzene

Concen: 0.633 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. -0.00 min

Lab File: VV015003.D

Acq: 18 Mar 2020 03:35

Instrument :

MSVOA_V

ClientSampleId :

C0DG1

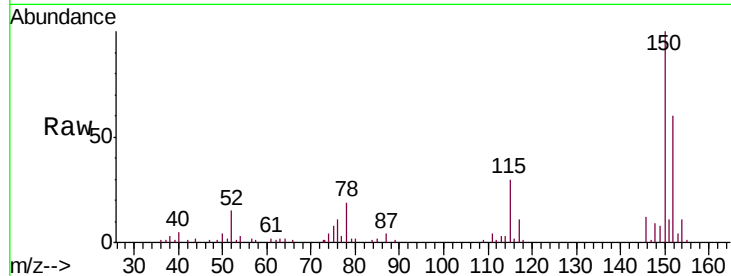
Tgt Ion:146 Resp: 3013

Ion Ratio Lower Upper

146 100

111 35.5 26.0 48.2

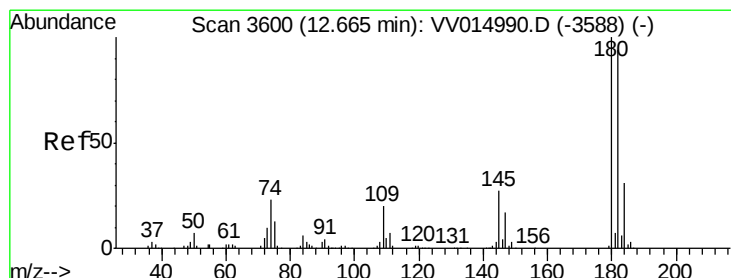
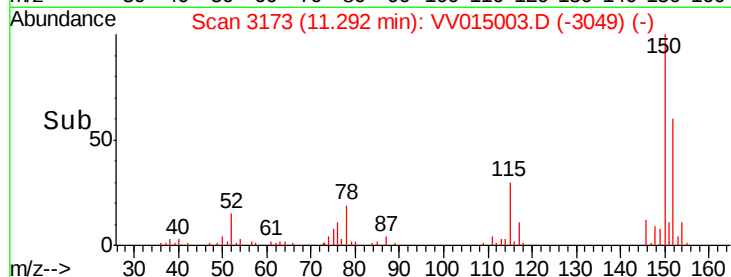
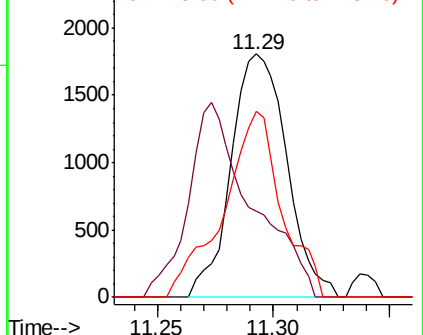
148 76.5 46.1 85.5



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



#67

1,3,5-Trichlorobenzene

Concen: 0.498 ug/L

RT: 13.29 min Scan# 3793

Delta R.T. 0.62 min

Lab File: VV015003.D

Acq: 18 Mar 2020 03:35

Tgt Ion:180 Resp: 1843

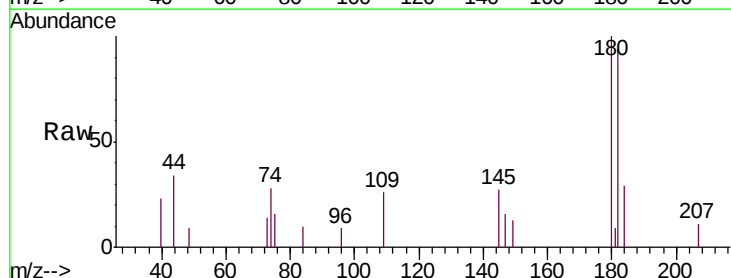
Ion Ratio Lower Upper

180 100

182 98.1 75.7 113.5

184 30.8 24.2 36.4

145 22.1 22.0 33.0



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V

