

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040120\
 Data File : VV015339.D
 Acq On : 01 Apr 2020 19:01
 Operator : SY/MD
 Sample : L1985-02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 02 03:30:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM040120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 02 03:22:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	703449	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	667966	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	308188	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	265329	42.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.12%
7) Chloroethane-d5	1.58	69	226070	41.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.92%
11) 1,1-Dichloroethene-d2	1.87	63	311	0.03	ug/L	-0.24
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.06%#
21) 2-Butanone-d5	3.93	46	307593	91.75	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.75%
24) Chloroform-d	4.38	84	443733	42.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.22%
26) 1,2-Dichloroethane-d4	5.06	65	280410	43.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.46%
32) Benzene-d6	5.08	84	914116	44.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.88%
36) 1,2-Dichloropropane-d6	6.09	67	275337	45.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.80%
41) Toluene-d8	7.34	98	871117	44.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.56%
43) trans-1,3-Dichloropropene-	7.64	79	136171	40.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.26%
47) 2-Hexanone-d5	8.12	63	242241	87.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.45%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	386774	44.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.64%
64) 1,2-Dichlorobenzene-d4	11.65	152	324265	46.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.50%

Target Compounds

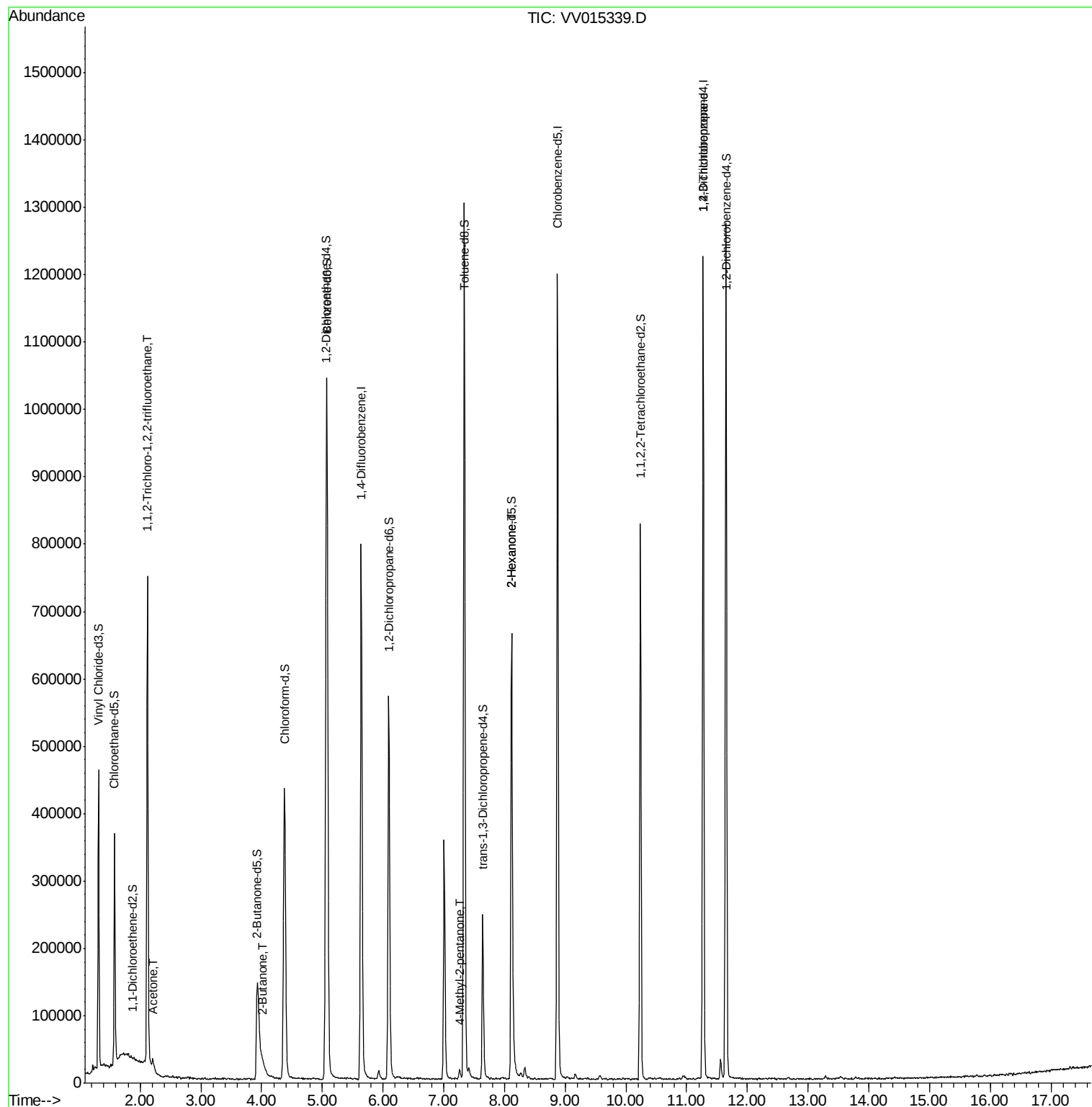
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	3694	0.696	ug/L # 26
13) Acetone	2.21	43	35271	16.028	ug/L 98
22) 2-Butanone	4.03	43	16079	4.939	ug/L 91
40) 4-Methyl-2-pentanone	7.26	43	9138	1.340	ug/L # 91
48) 2-Hexanone	8.12	43	27277	5.281	ug/L # 86
59) 1,2,3-Trichloropropane	11.27	75	36398	5.555	ug/L 93

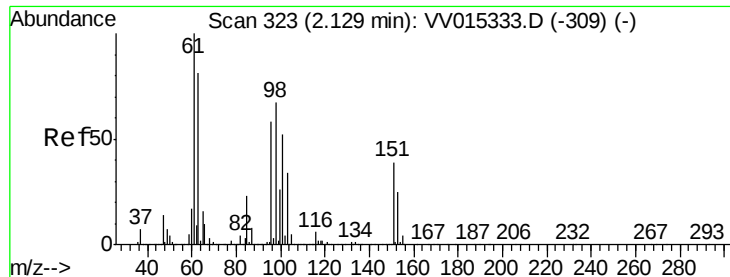
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Apr 02 03:22:54 2020
Response via : Initial Calibration





#10

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

Concen: 0.696 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV015339.D

Acq: 01 Apr 2020 19:01

Instrument :

MSVOA_V

ClientSampleId :

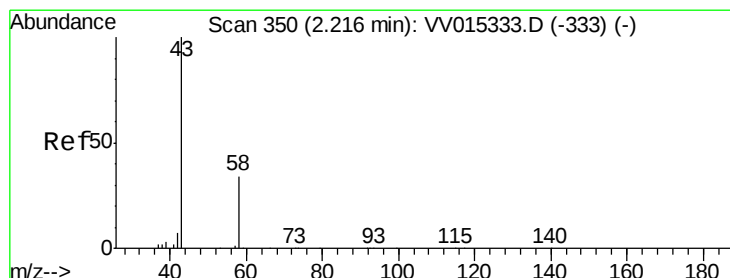
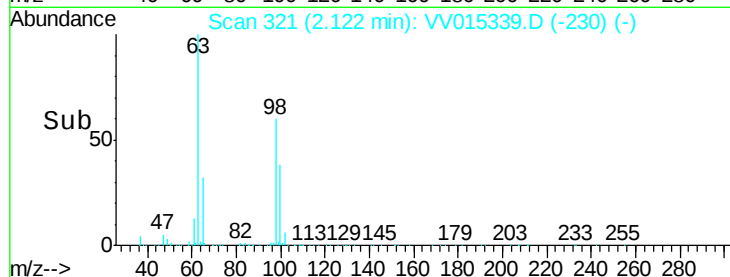
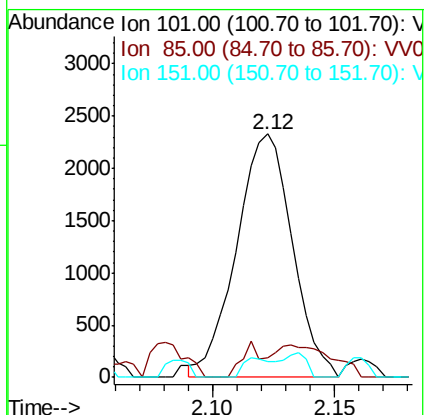
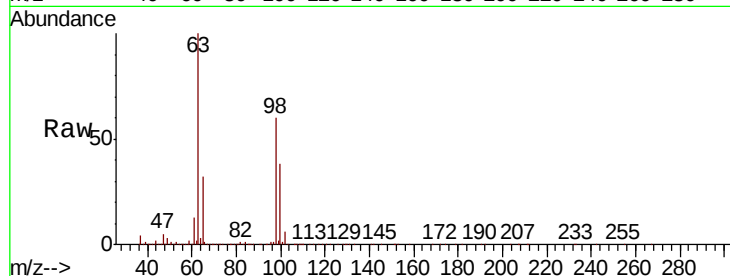
Tot Ion:101 Resp: 3694

Ion Ratio Lower Upper

101 100

85 4.3 36.1 54.1#

151 4.1 58.2 87.4#



#13

Acetone

Concen: 16.028 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.01 min

Lab File: VV015339.D

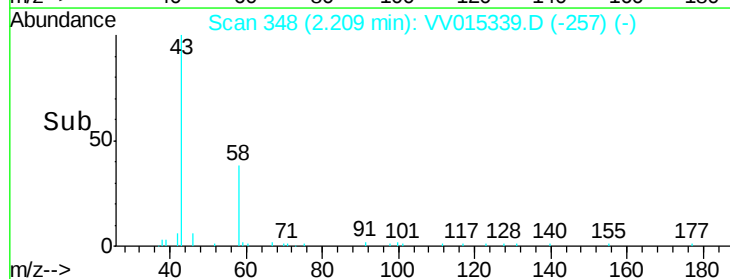
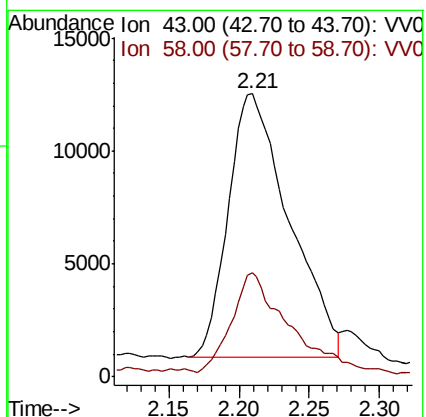
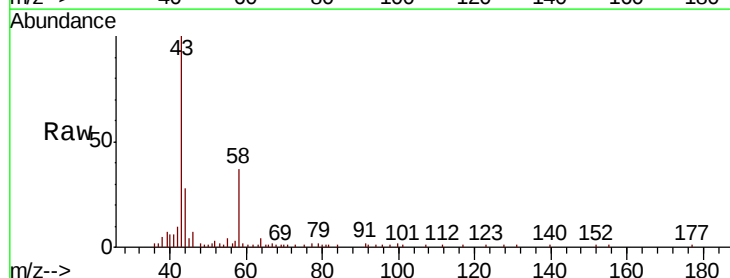
Acq: 01 Apr 2020 19:01

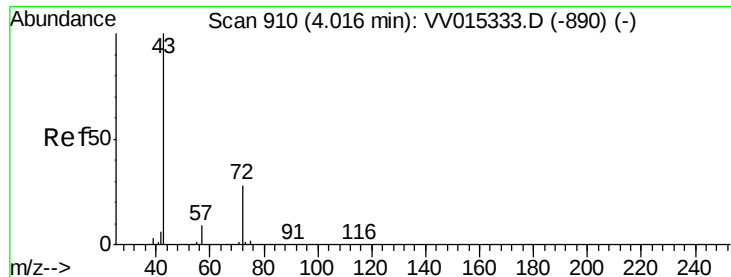
Tgt Ion: 43 Resp: 35271

Ion Ratio Lower Upper

43 100

58 32.7 0.0 68.2





#22

2-Butanone

Concen: 4.939 ug/L

RT: 4.03 min Scan# 913

Delta R.T. 0.01 min

Lab File: VV015339.D

Acq: 01 Apr 2020 19:01

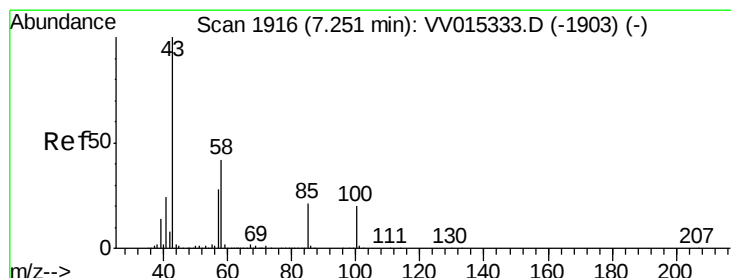
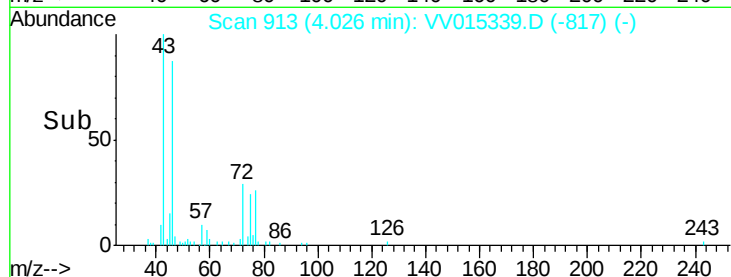
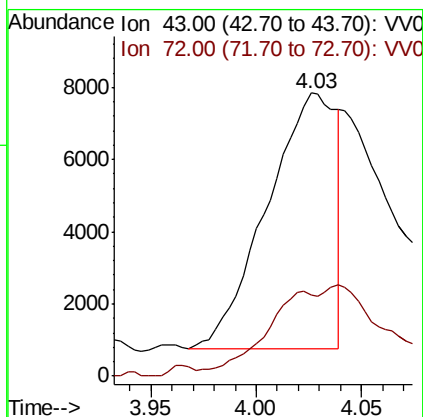
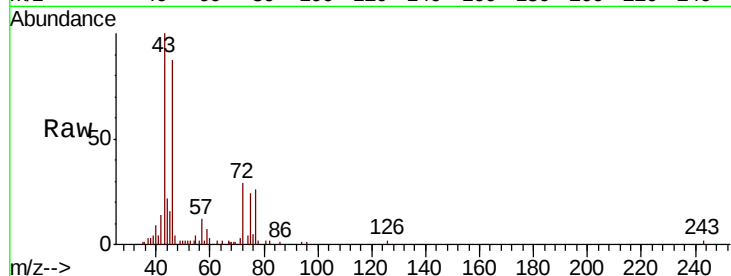
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 16079

Ion Ratio Lower Upper

43 100

72 22.1 13.3 39.8



#40

4-Methyl-2-pentanone

Concen: 1.340 ug/L

RT: 7.26 min Scan# 1920

Delta R.T. 0.01 min

Lab File: VV015339.D

Acq: 01 Apr 2020 19:01

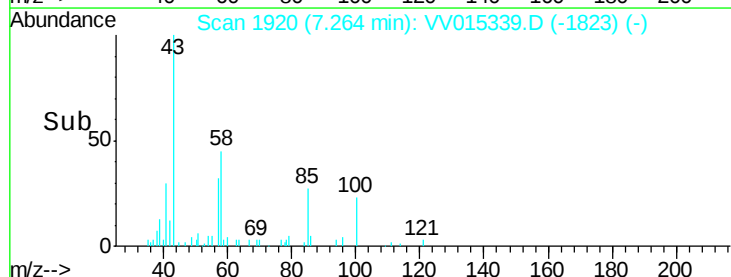
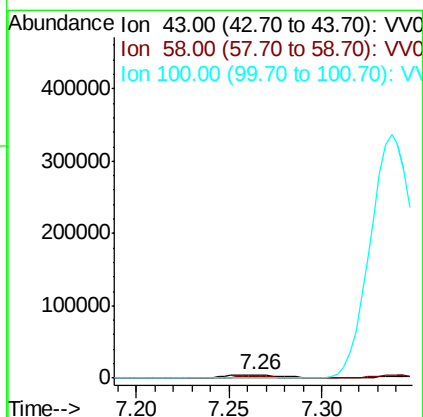
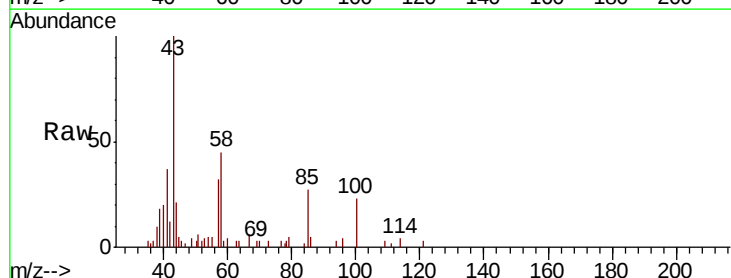
Tgt Ion: 43 Resp: 9138

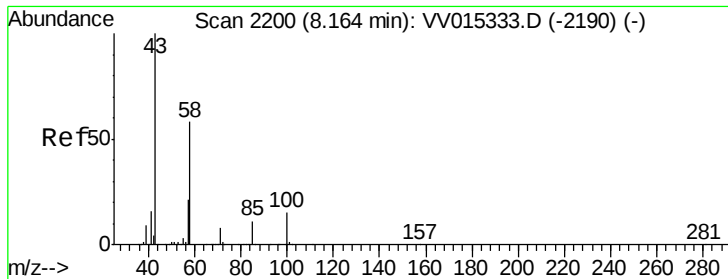
Ion Ratio Lower Upper

43 100

58 47.0 33.3 49.9

100 22.6 14.6 22.0#





#48

2-Hexanone

Concen: 5.281 ug/L

RT: 8.12 min Scan# 2185

Delta R.T. -0.05 min

Lab File: VV015339.D

Acq: 01 Apr 2020 19:01

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 27277

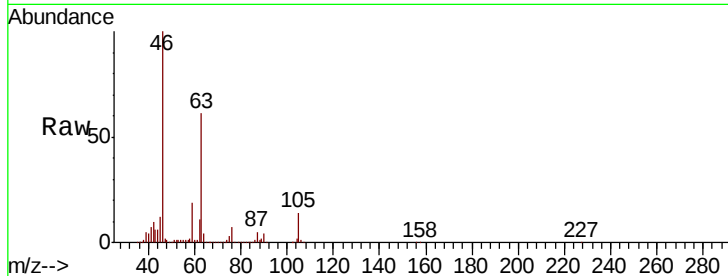
Ion Ratio Lower Upper

43 100

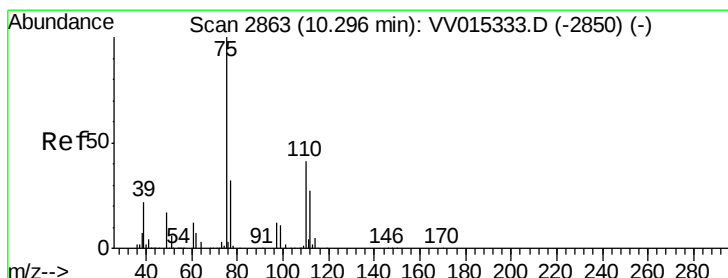
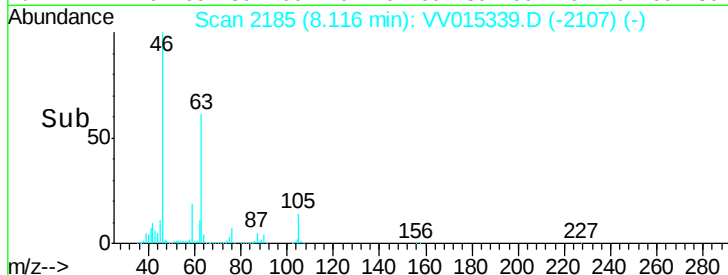
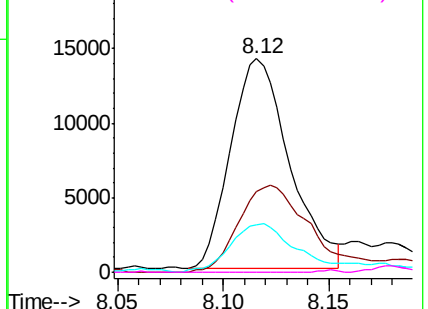
58 50.8 47.4 71.2

57 25.3 16.7 25.1#

100 0.2 11.5 17.3#



Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 58.00 (57.70 to 58.70): VV0
Ion 57.00 (56.70 to 57.70): VV0
Ion 100.00 (99.70 to 100.70): VV0



#59

1,2,3-Trichloropropane

Concen: 5.555 ug/L

RT: 11.27 min Scan# 3167

Delta R.T. 0.98 min

Lab File: VV015339.D

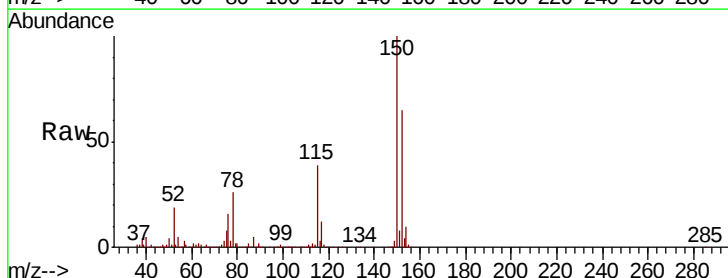
Acq: 01 Apr 2020 19:01

Tgt Ion: 75 Resp: 36398

Ion Ratio Lower Upper

75 100

77 35.8 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VV0
Ion 77.00 (76.70 to 77.70): VV0

