

Data File : VW015035.D
Acq On : 25 Feb 2020 15:55
Operator : SY/VA
Sample : L1677-04
Misc : 4.42G/10ML/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0CC8

Quant Time: Feb 26 03:54:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022420S.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 26 03:52:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	610881	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	519744	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	146967	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	377671	24.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.84%
7) Chloroethane-d5	2.89	69	277598	25.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.80%
10) 1,1-Dichloroethene-d2	4.02	63	460017	19.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.40%
20) 2-Butanone-d5	7.07	46	140602	55.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.10%
24) Chloroform-d	7.65	84	523879	26.10	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.40%
26) 1,2-Dichloroethane-d4	8.45	65	266	0.02	ug/L	0.15
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.27	84	1036076	29.01	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	116.04%
33) 1,2-Dichloropropane-d6	9.27	67	357668	29.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.64%
37) Toluene-d8	10.32	98	827311	27.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	111.08%
38) trans-1,3-Dichloropropene-	10.57	79	110777	25.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.28%
39) 2-Hexanone-d5	10.92	63	89615	56.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.22%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	205966	26.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	163425	30.35	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	121.40%#

Target Compounds

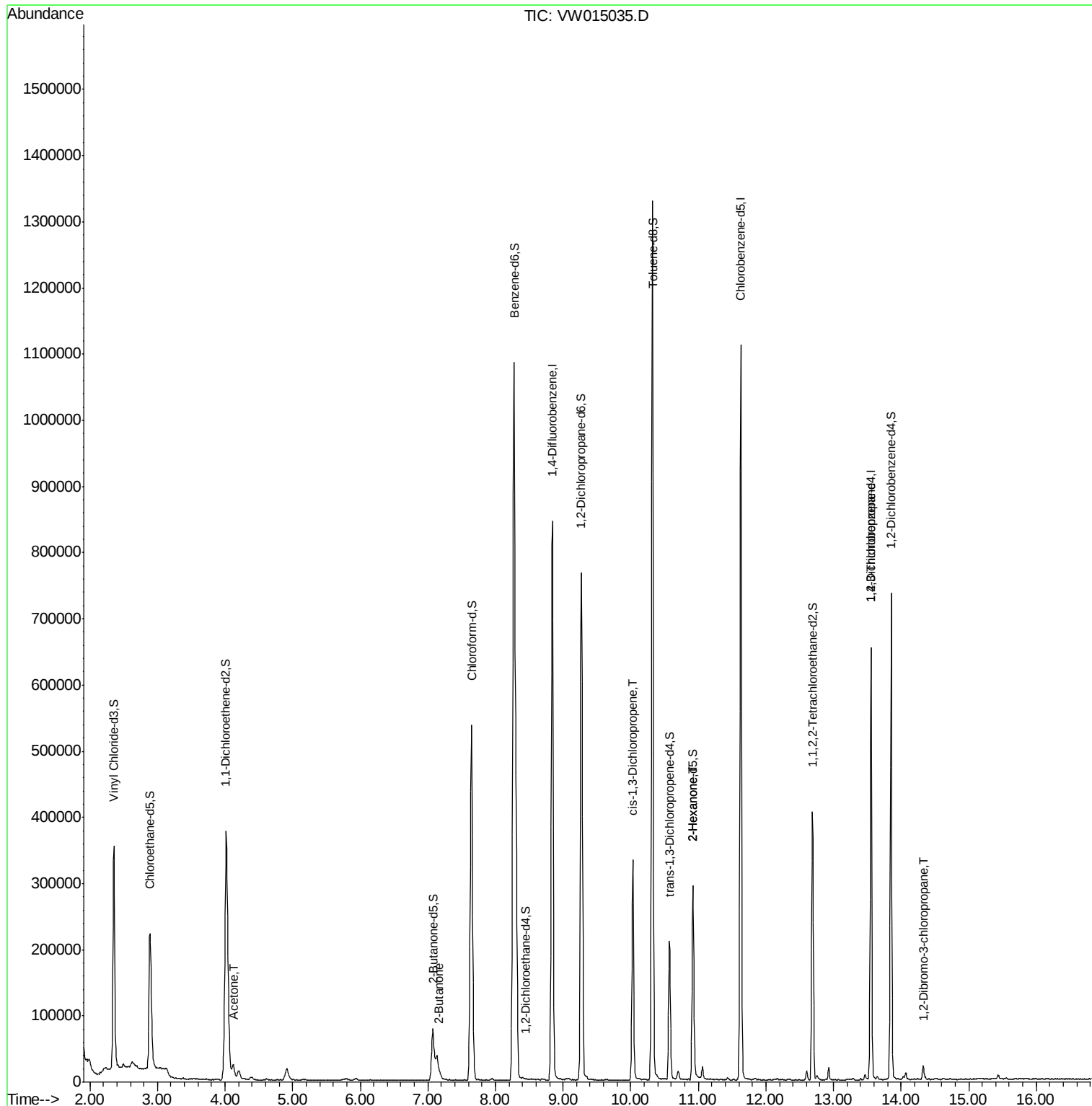
					Qvalue
13) Acetone	4.12	43	36308	12.019	ug/L 100
21) 2-Butanone	7.17	43	15892	4.474	ug/L 96
42) cis-1,3-Dichloropropene	10.03	75	7921	0.566	ug/L # 58
49) 2-Hexanone	10.92	43	14073	3.232	ug/L # 68
59) 1,2,3-Trichloropropane	13.55	75	23633	4.033	ug/L 89
66) 1,2-Dibromo-3-chloropropan	14.32	75	1524	1.988	ug/L # 16

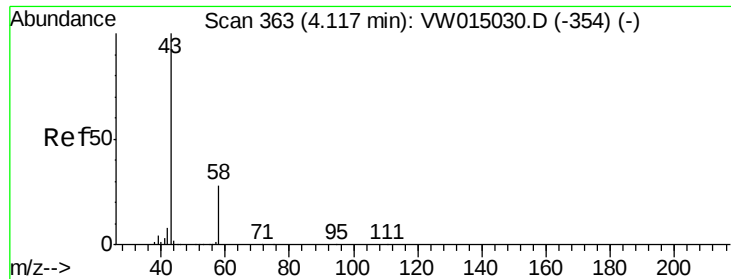
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 12.019 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Acq: 25 Feb 2020 15:55

Instrument :

MSVOA_W

ClientSampleId :

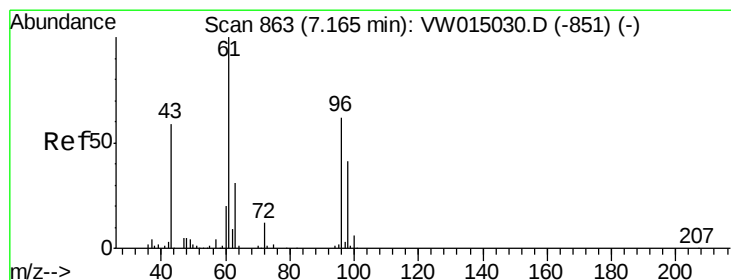
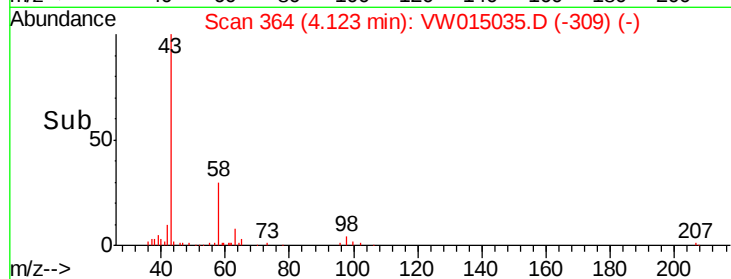
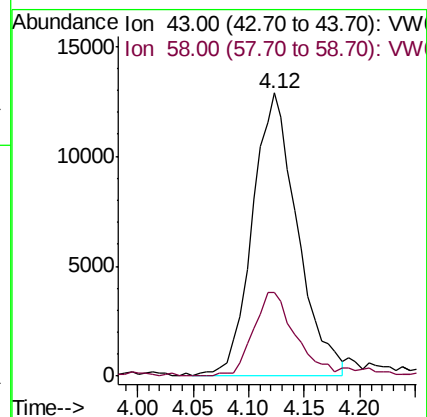
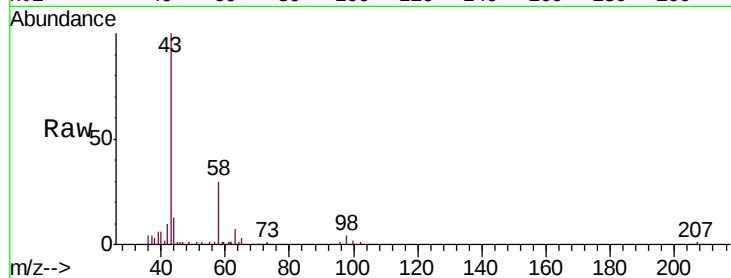
C0CC8

Tgt Ion: 43 Resp: 36308

Ion Ratio Lower Upper

43 100

58 27.1 0.0 54.0



#21

2-Butanone

Concen: 4.474 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW015035.D

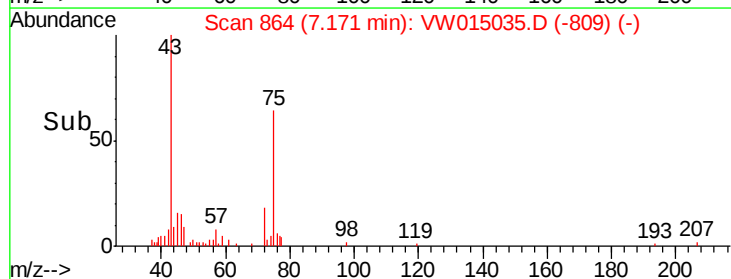
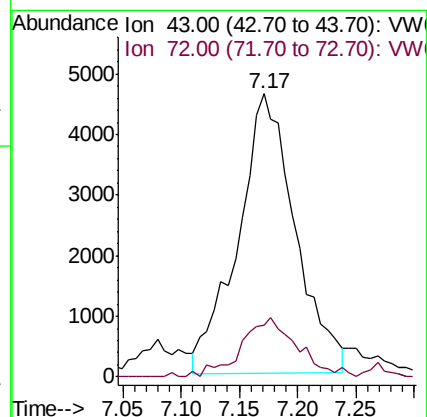
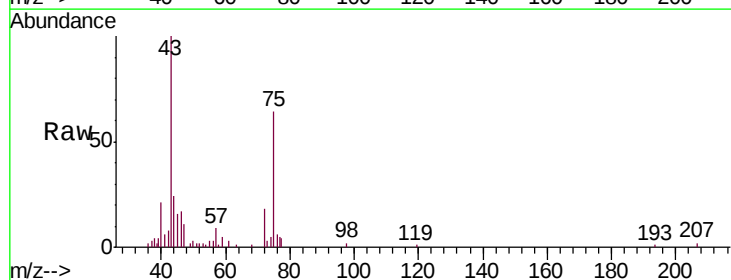
Acq: 25 Feb 2020 15:55

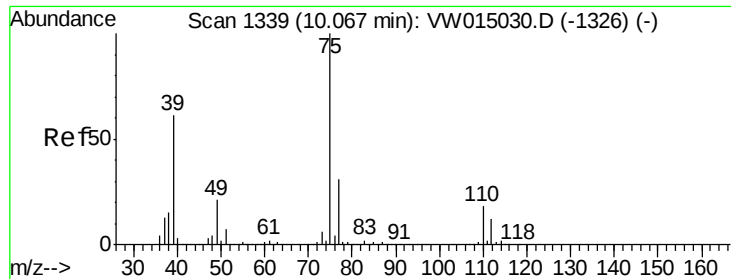
Tgt Ion: 43 Resp: 15892

Ion Ratio Lower Upper

43 100

72 19.0 10.4 31.4





#42

cis-1,3-Dichloropropene

Concen: 0.566 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

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Instrument :

MSVOA_W

ClientSampleId :

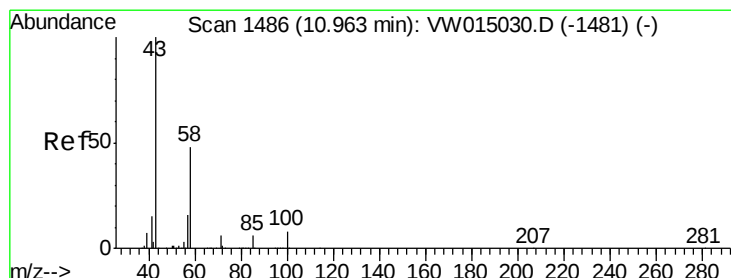
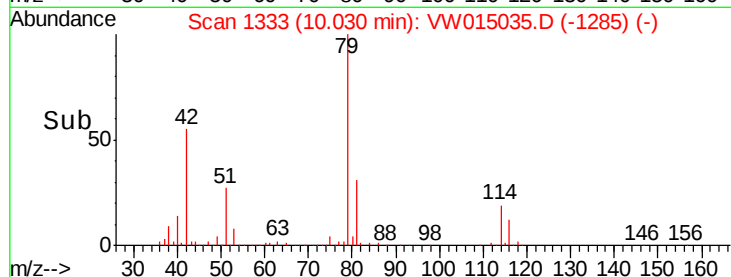
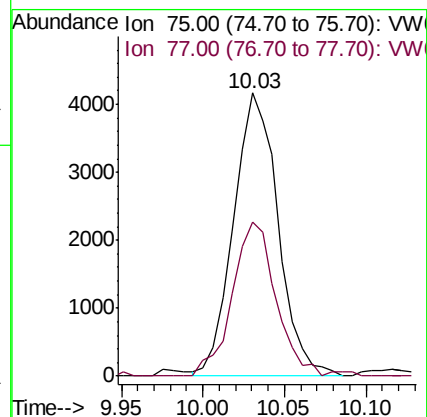
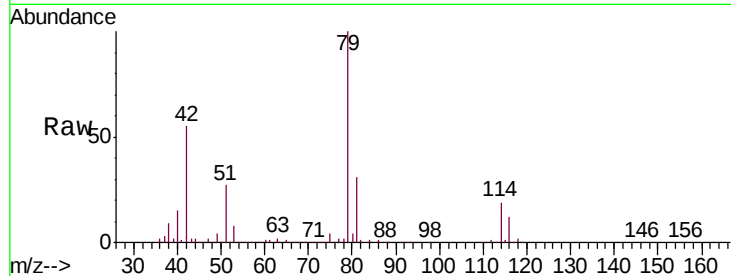
C0CC8

Tgt Ion: 75 Resp: 7921

Ion Ratio Lower Upper

75 100

77 54.6 21.9 40.7#



#49

2-Hexanone

Concen: 3.232 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.04 min

Lab File: VW015035.D

Acq: 25 Feb 2020 15:55

Tgt Ion: 43 Resp: 14073

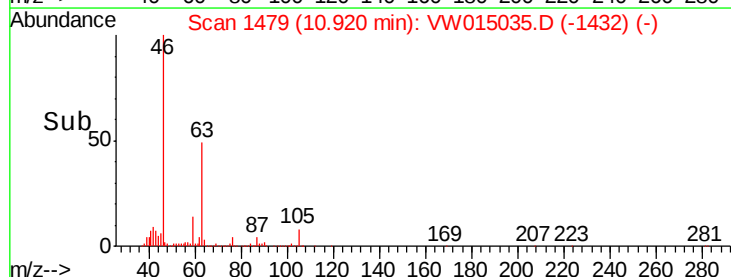
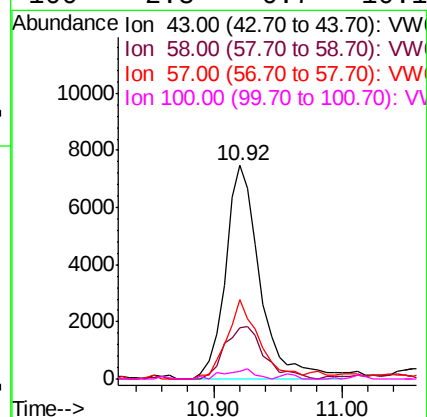
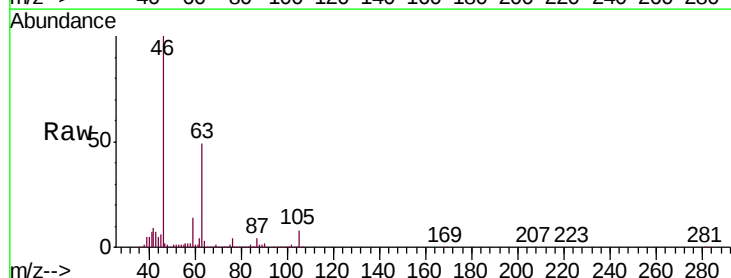
Ion Ratio Lower Upper

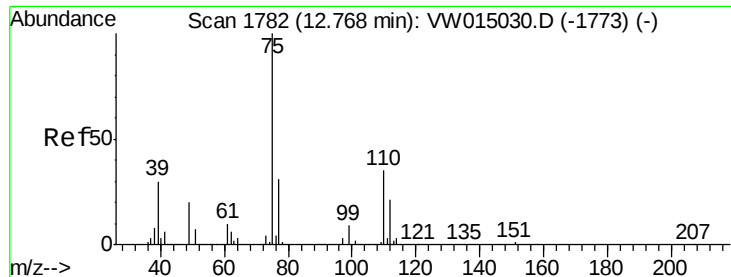
43 100

58 26.1 38.9 58.3#

57 33.6 13.4 20.2#

100 2.8 6.7 10.1#





#59

1,2,3-Trichloropropane

Concen: 4.033 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW015035.D

Acq: 25 Feb 2020 15:55

Instrument :

MSVOA_W

ClientSampleId :

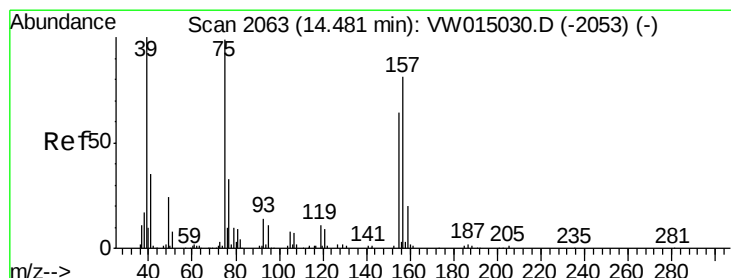
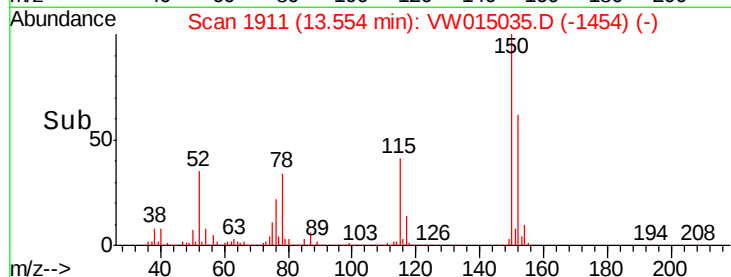
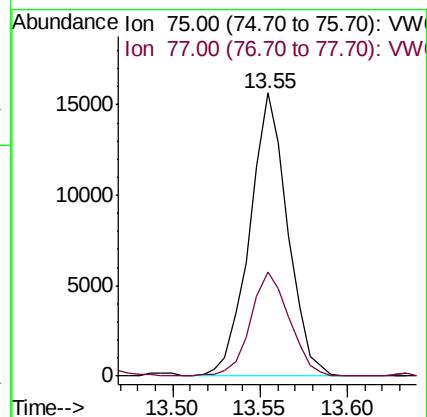
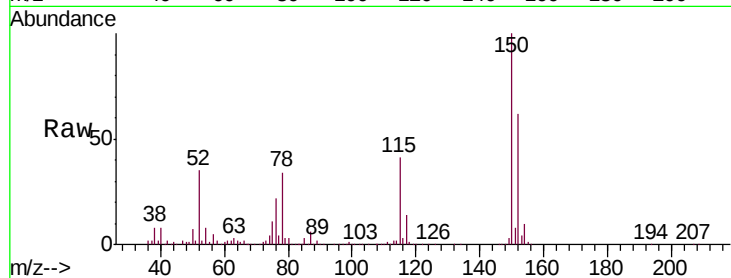
C0CC8

Tgt Ion: 75 Resp: 23633

Ion Ratio Lower Upper

75 100

77 37.8 25.4 38.0



#66

1,2-Dibromo-3-chloropropane

Concen: 1.988 ug/L

RT: 14.32 min Scan# 2037

Delta R.T. -0.16 min

Lab File: VW015035.D

Acq: 25 Feb 2020 15:55

Tgt Ion: 75 Resp: 1524

Ion Ratio Lower Upper

75 100

157 0.0 61.4 92.0#

155 0.0 45.0 67.6#

