

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121219\
 Data File : VW014337.D
 Acq On : 12 Dec 2019 20:07
 Operator : SY/VA
 Sample : K6254-11
 Misc : 5.15G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0C34

Quant Time: Dec 13 06:12:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 13 06:08:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1066075	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	778741	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	197894	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	380811	23.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.36%
7) Chloroethane-d5	2.88	69	307983	25.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.64%
10) 1,1-Dichloroethene-d2	4.01	63	516305	18.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.44%
20) 2-Butanone-d5	7.07	46	173495	41.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.48%
24) Chloroform-d	7.64	84	706079	26.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.04%
26) 1,2-Dichloroethane-d4	8.30	65	363932	25.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.28%
29) Benzene-d6	8.27	84	1453718	31.85	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	127.40%
33) 1,2-Dichloropropane-d6	9.27	67	466283	33.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	132.84%#
37) Toluene-d8	10.32	98	1154207	27.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	111.88%
38) trans-1,3-Dichloropropene-	10.57	79	142881	24.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.00%
39) 2-Hexanone-d5	10.92	63	127054	45.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.02%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	285961	24.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	212099	28.05	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.20%

Target Compounds

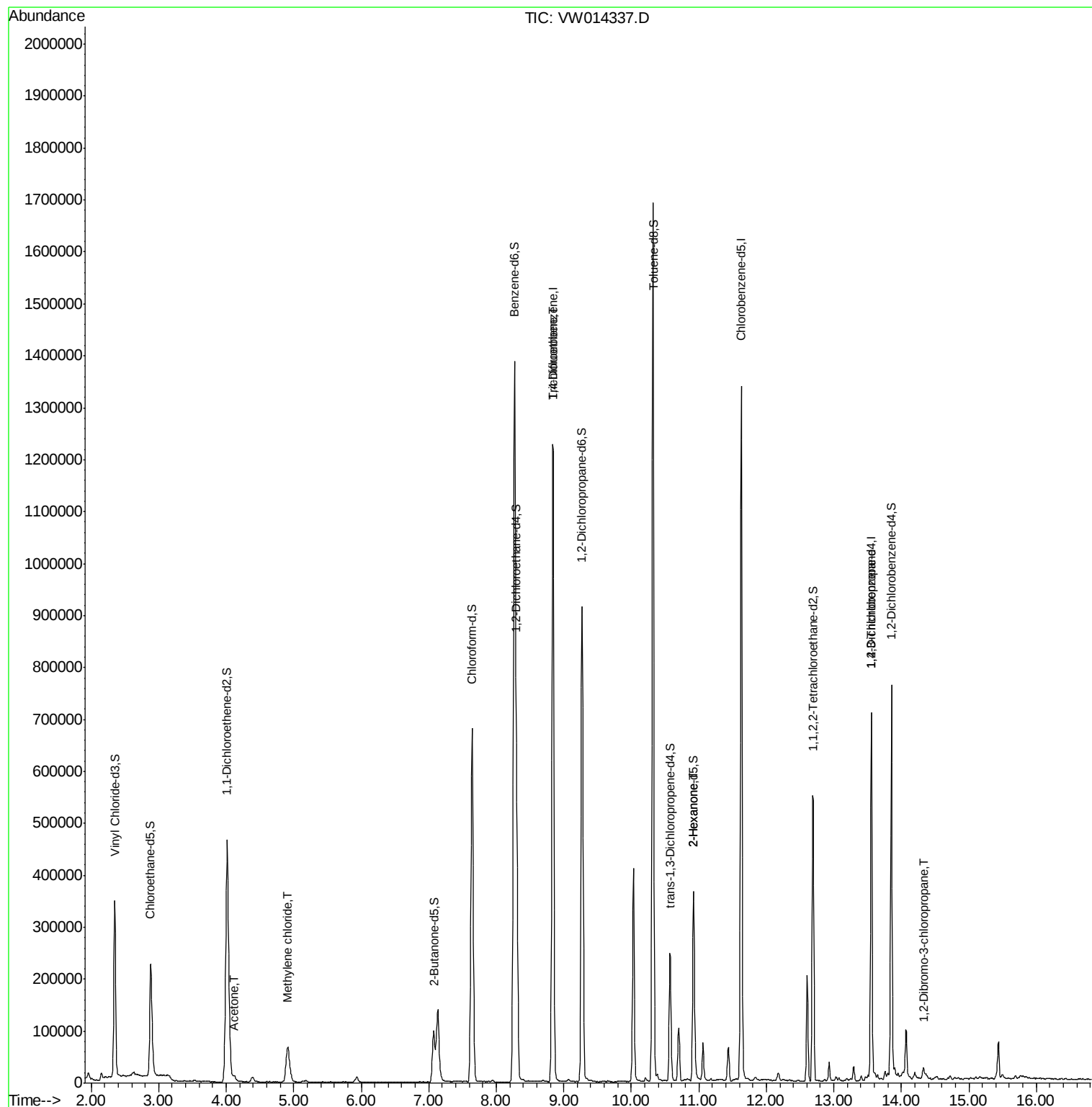
					Ovalue
13) Acetone	4.12	43	16797	4.141 ug/L	100
16) Methylene chloride	4.91	84	62864	3.847 ug/L	98
35) Trichloroethene	8.84	95	29942	2.373 ug/L #	2
49) 2-Hexanone	10.92	43	22011	3.701 ug/L #	65
59) 1,2,3-Trichloropropane	13.55	75	23453	2.679 ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.33	75	1958	2.052 ug/L #	1

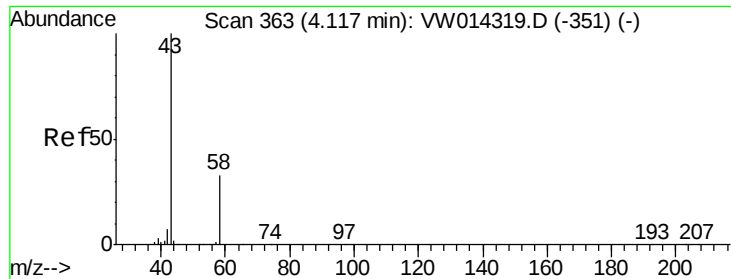
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 13 06:08:10 2019
Response via : Initial Calibration





#13

Acetone

Concen: 4.141 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014337.D

Acq: 12 Dec 2019 20:07

Instrument :

MSVOA_W

ClientSampleId :

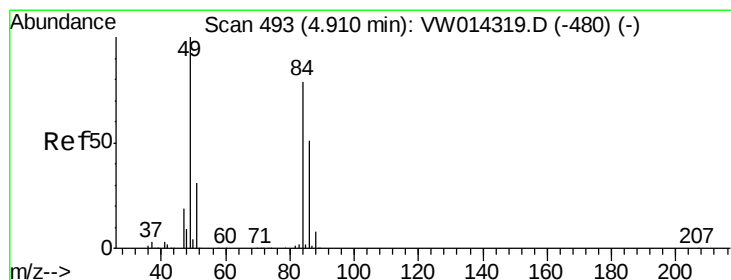
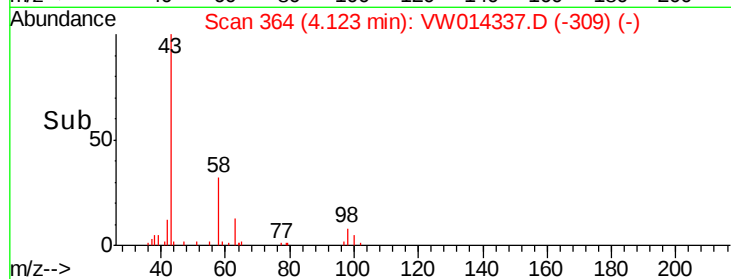
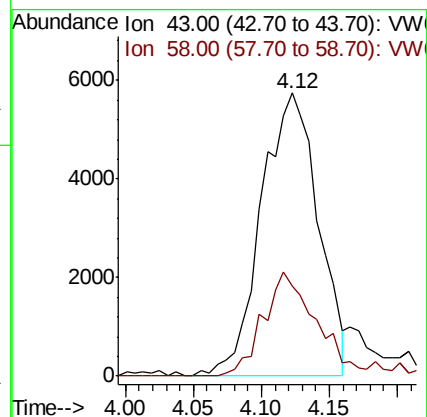
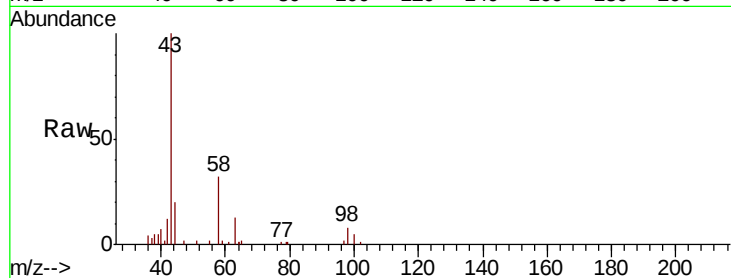
C0C34

Tot Ion: 43 Resp: 16797

Ion Ratio Lower Upper

43 100

58 32.6 0.0 65.4



#16

Methylene chloride

Concen: 3.847 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.00 min

Lab File: VW014337.D

Acq: 12 Dec 2019 20:07

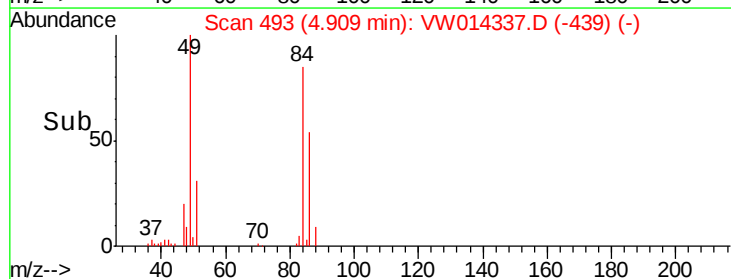
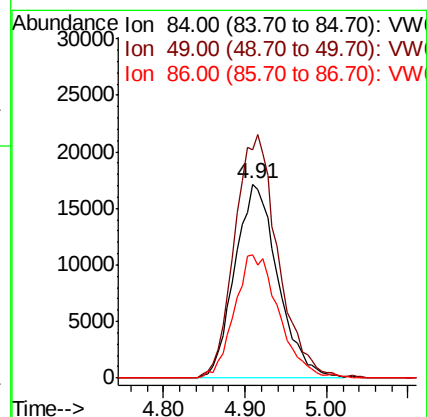
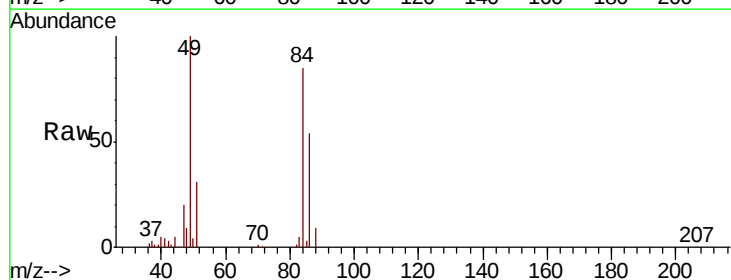
Tgt Ion: 84 Resp: 62864

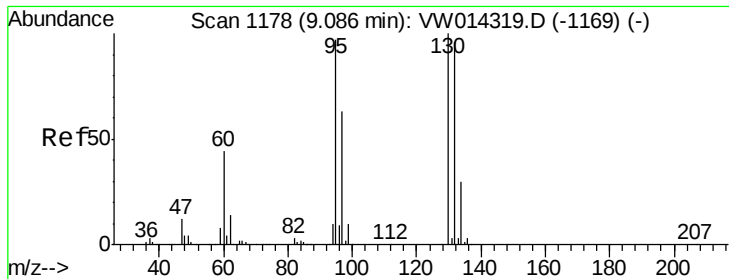
Ion Ratio Lower Upper

84 100

49 117.6 84.2 156.4

86 63.3 43.7 81.1





#35

Trichloroethene

Concen: 2.373 ug/L

RT: 8.84 min Scan# 1137

Delta R.T. -0.25 min

Lab File: VW014337.D

Acq: 12 Dec 2019 20:07

Instrument :

MSVOA_W

ClientSampleId :

C0C34

Tot Ion: 95 Resp: 29942

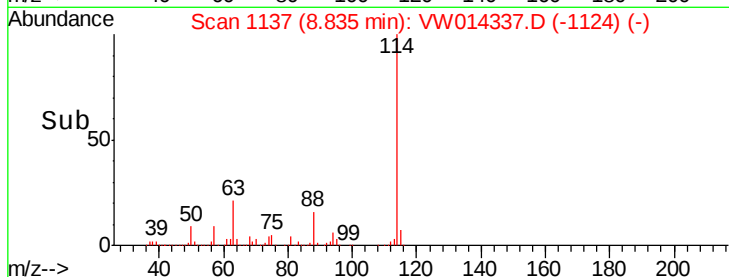
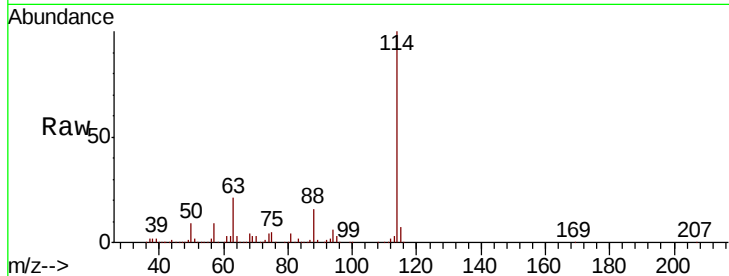
Ion Ratio Lower Upper

95 100

97 0.3 45.1 83.9#

132 0.1 73.7 136.9#

130 0.0 76.6 142.2#

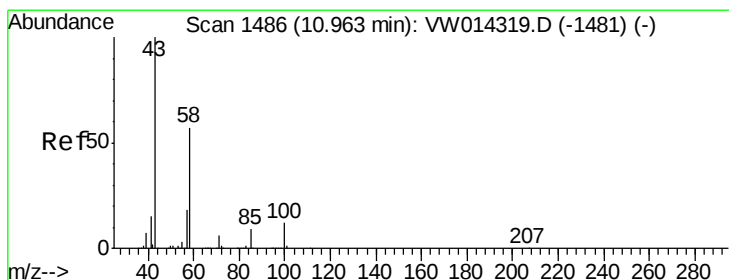
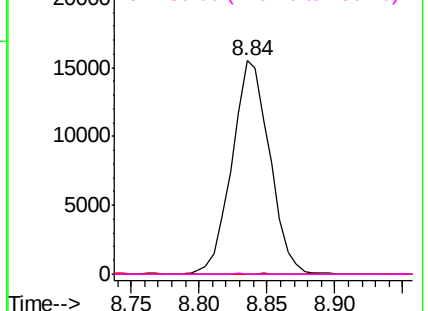


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#49

2-Hexanone

Concen: 3.701 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.04 min

Lab File: VW014337.D

Acq: 12 Dec 2019 20:07

Tgt Ion: 43 Resp: 22011

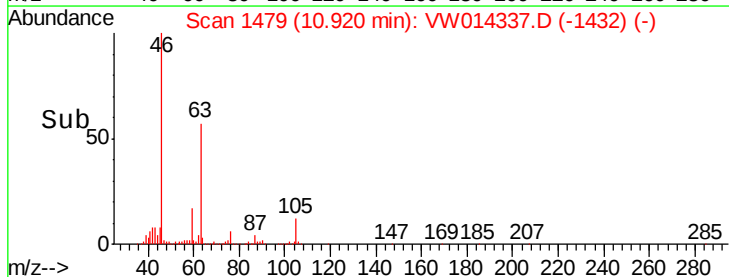
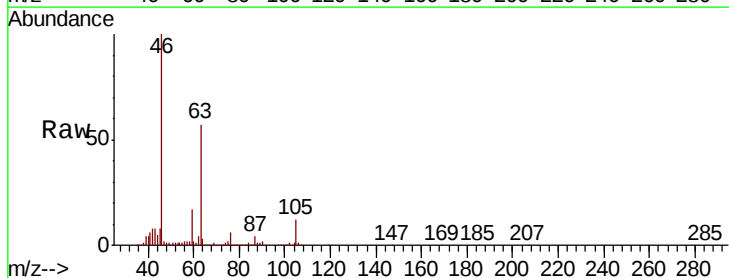
Ion Ratio Lower Upper

43 100

58 20.9 44.4 66.6#

57 22.6 16.5 24.7

100 2.2 11.1 16.7#

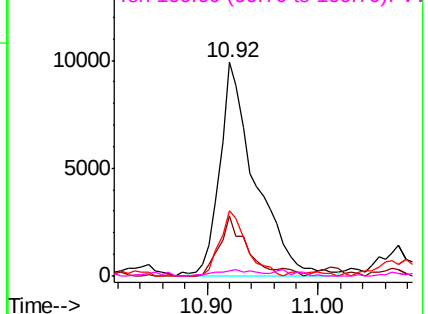


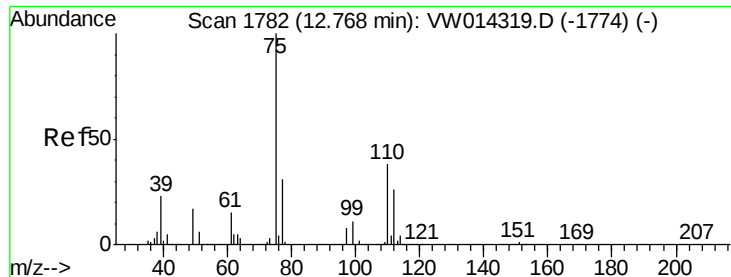
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW





#59

1,2,3-Trichloropropane

Concen: 2.679 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW014337.D

Acq: 12 Dec 2019 20:07

Instrument :

MSVOA_W

ClientSampleId :

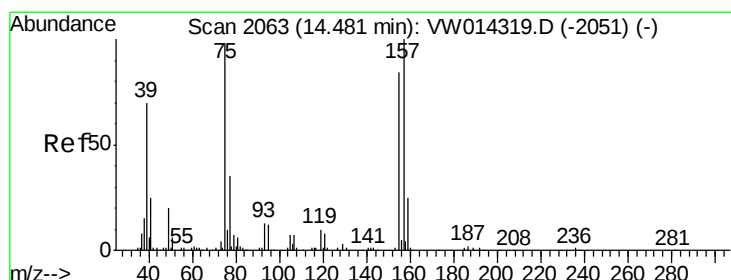
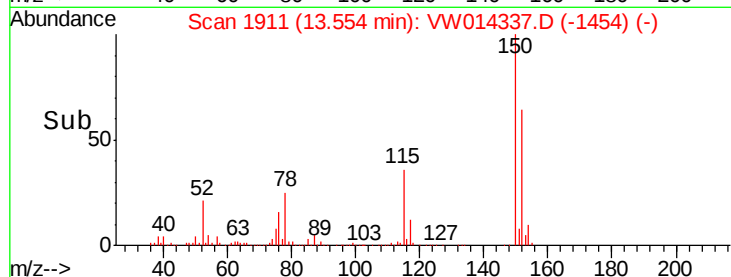
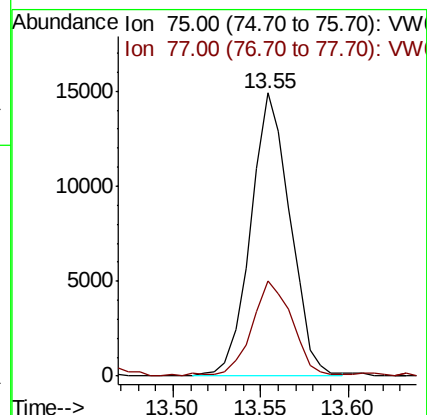
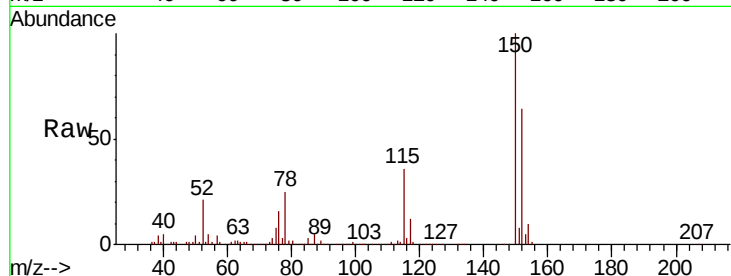
C0C34

Tot Ion: 75 Resp: 23453

Ion Ratio Lower Upper

75 100

77 33.9 25.9 38.9



#66

1,2-Dibromo-3-chloropropane

Concen: 2.052 ug/L

RT: 14.33 min Scan# 2038

Delta R.T. -0.15 min

Lab File: VW014337.D

Acq: 12 Dec 2019 20:07

Tgt Ion: 75 Resp: 1958

Ion Ratio Lower Upper

75 100

157 0.0 96.9 145.3#

155 0.0 82.9 124.3#

