

Data File : VW009537.D
Acq On : 28 Mar 2019 14:46
Operator : SY/VA
Sample : K2084-05
Misc : 3.70G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF7W7

Quant Time: Mar 29 05:39:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	361741	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	354287	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	169485	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	140344	32.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	129.88%
7) Chloroethane-d5	2.89	69	125876	24.89	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.56%
10) 1,1-Dichloroethene-d2	4.01	63	204738	21.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.64%
20) 2-Butanone-d5	7.08	46	69350	38.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.58%
24) Chloroform-d	7.65	84	245081	24.83	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.32%
26) 1,2-Dichloroethane-d4	8.48	65	113	0.02	ug/L	0.18
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.27	84	472452	24.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.72%
33) 1,2-Dichloropropane-d6	9.27	67	139268	23.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.92%
37) Toluene-d8	10.32	98	429330	23.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.04%
38) trans-1,3-Dichloropropene-	10.57	79	60046	20.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.48%
39) 2-Hexanone-d5	10.93	63	47120	33.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.30%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	123146	21.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.24%
61) 1,2-Dichlorobenzene-d4	13.86	152	159791	24.59	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.36%

Target Compounds

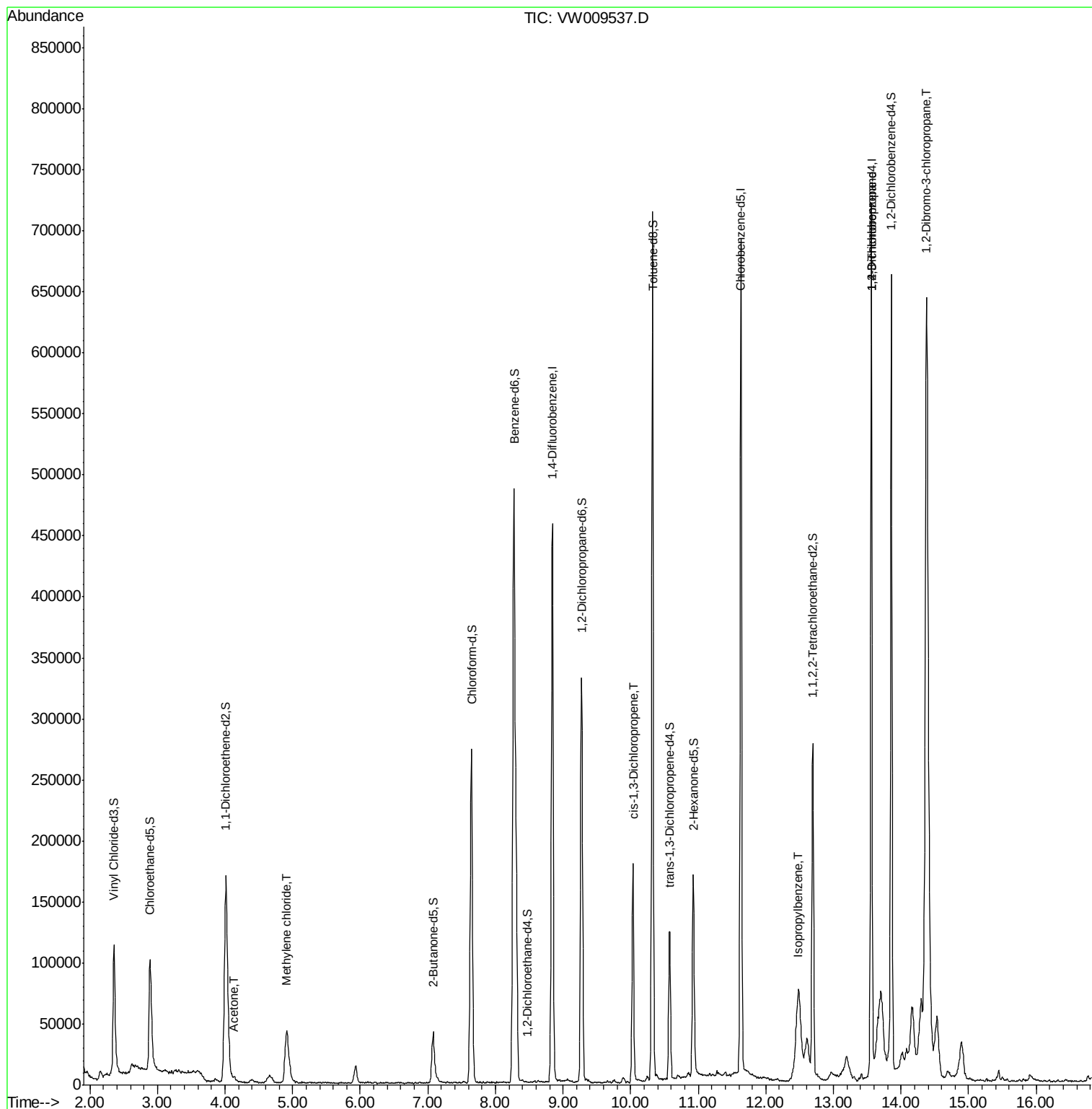
					Qvalue
13) Acetone	4.12	43	2418	1.649 ug/L	84
16) Methylene chloride	4.92	84	38402	7.280 ug/L	95
42) cis-1,3-Dichloropropene	10.04	75	4953	0.611 ug/L #	74
57) Isopropylbenzene	12.46	105	8943	0.378 ug/L #	65
59) 1,2,3-Trichloropropane	13.56	75	24098	6.063 ug/L	94
66) 1,2-Dibromo-3-chloropropan	14.38	75	1124	1.191 ug/L #	77

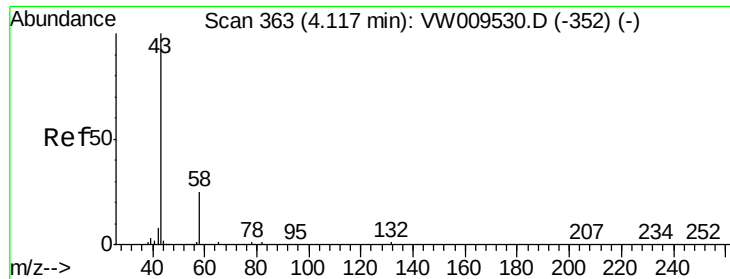
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.649 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Acq: 28 Mar 2019 14:46

Instrument :

MSVOA_W

ClientSampled :

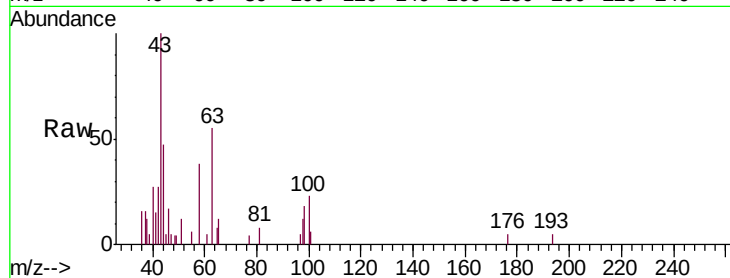
BF7W7

Tgt Ion: 43 Resp: 2418

Ion Ratio Lower Upper

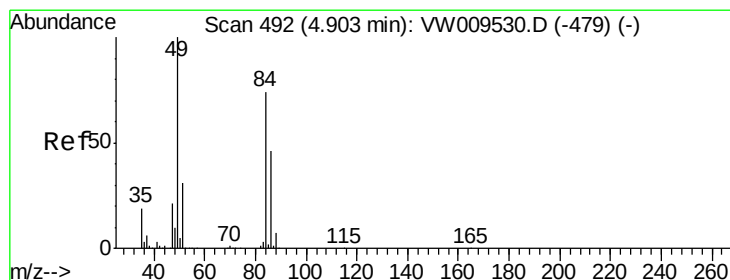
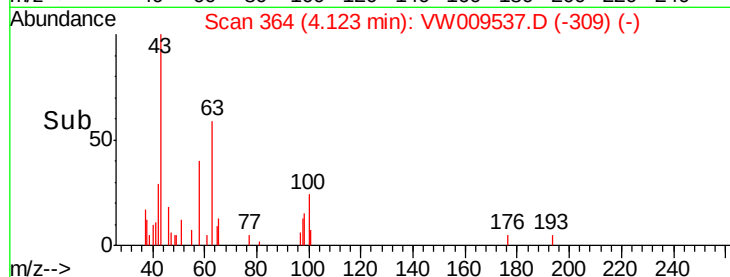
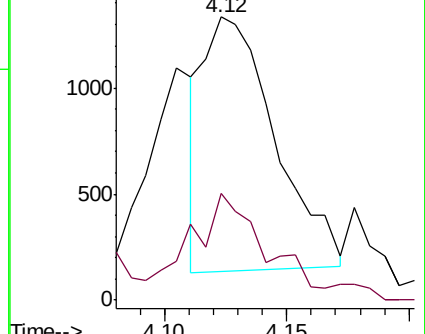
43 100

58 36.3 0.0 56.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 7.280 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

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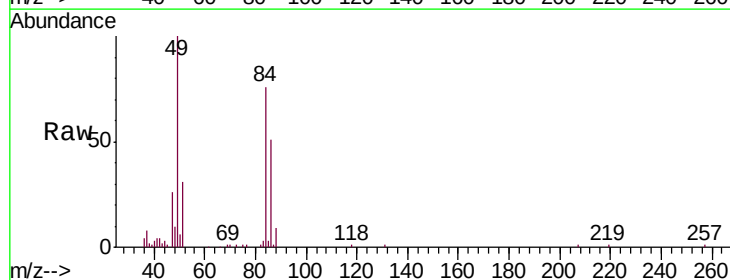
Tgt Ion: 84 Resp: 38402

Ion Ratio Lower Upper

84 100

49 130.9 96.0 178.2

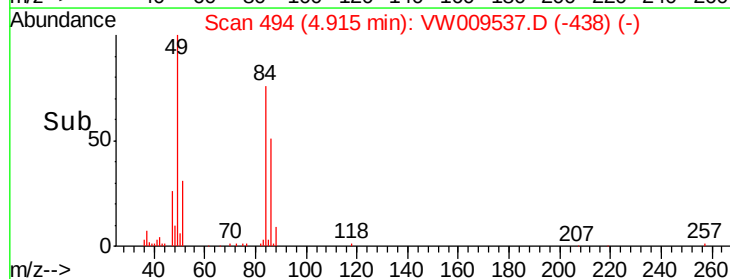
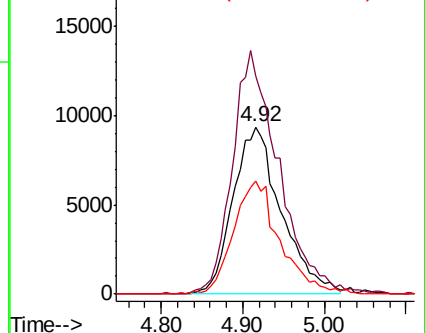
86 67.4 44.4 82.5

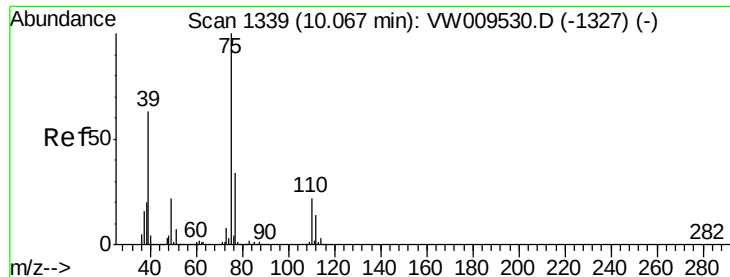


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.611 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.03 min

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Instrument :

MSVOA_W

ClientSampleId :

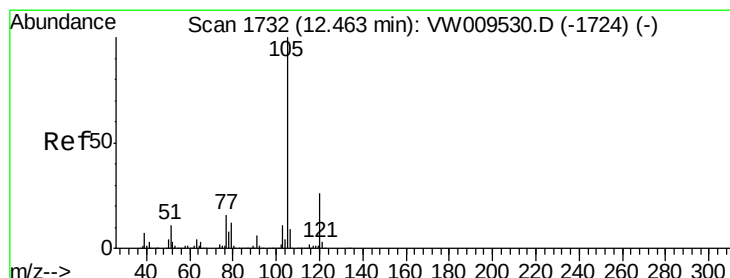
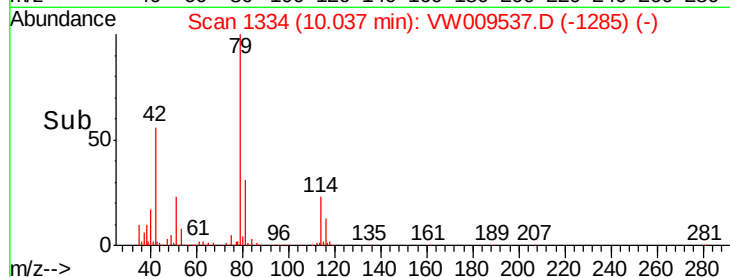
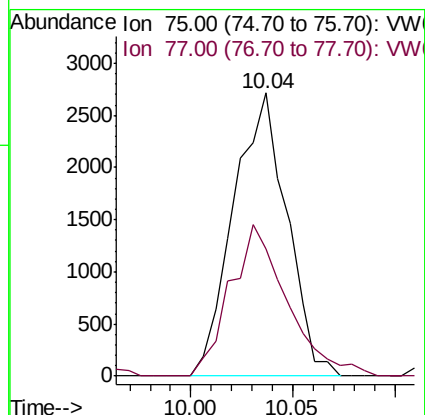
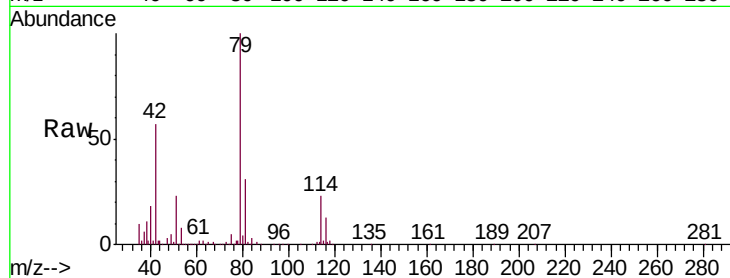
BF7W7

Tgt Ion: 75 Resp: 4953

Ion Ratio Lower Upper

75 100

77 45.1 21.6 40.2#



#57

Isopropylbenzene

Concen: 0.378 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW009537.D

Acq: 28 Mar 2019 14:46

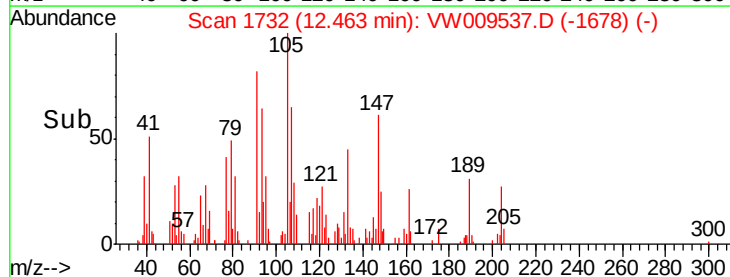
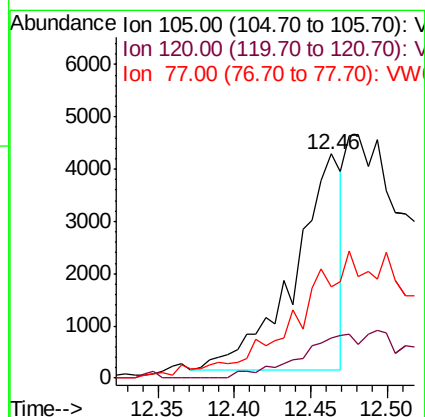
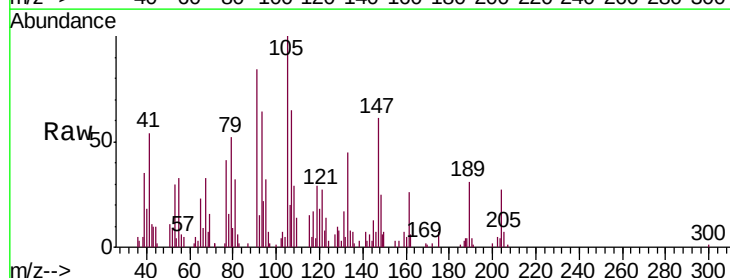
Tgt Ion: 105 Resp: 8943

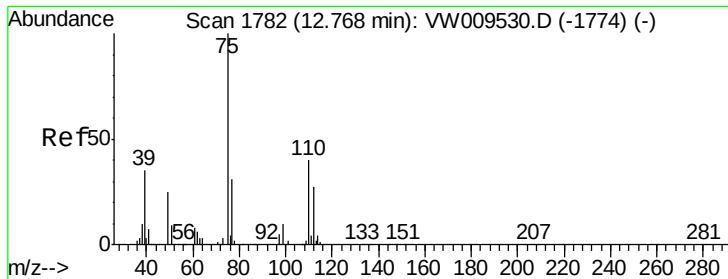
Ion Ratio Lower Upper

105 100

120 0.0 21.3 31.9#

77 19.6 13.1 19.7





#59

1,2,3-Trichloropropane

Concen: 6.063 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009537.D

Acq: 28 Mar 2019 14:46

Instrument :

MSVOA_W

ClientSampled :

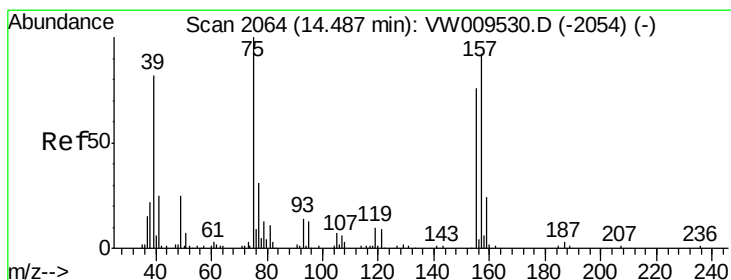
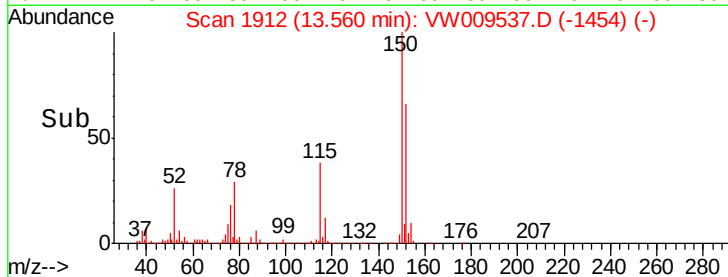
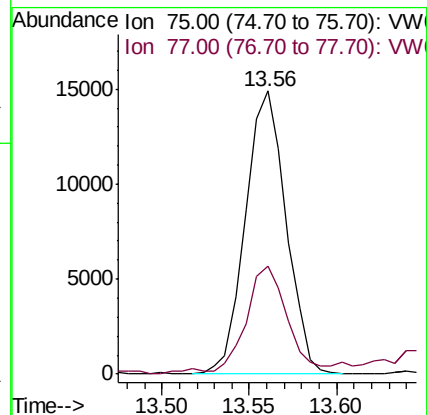
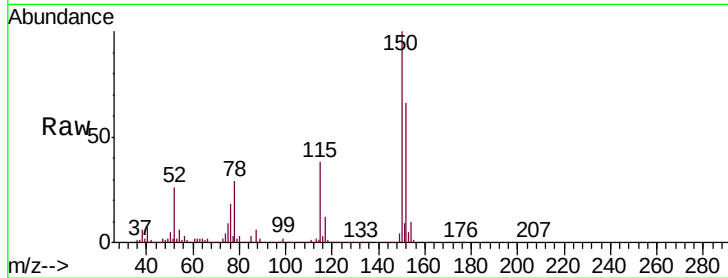
BF7W7

Tgt Ion: 75 Resp: 24098

Ion Ratio Lower Upper

75 100

77 35.9 26.2 39.2



#66

1,2-Dibromo-3-chloropropane

Concen: 1.191 ug/L

RT: 14.38 min Scan# 2046

Delta R.T. -0.11 min

Lab File: VW009537.D

Acq: 28 Mar 2019 14:46

Tgt Ion: 75 Resp: 1124

Ion Ratio Lower Upper

75 100

157 125.2 89.0 133.4

155 47.9 64.2 96.2#

