

Data File : VW014118.D
Acq On : 25 Nov 2019 18:14
Operator : SY/VA
Sample : K6007-17
Misc : 5.22G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BM3

Quant Time: Nov 26 07:49:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 26 07:45:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	245767	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	206487	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	69146	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	68887	17.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.28%
7) Chloroethane-d5	2.88	69	70005	22.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.08%
10) 1,1-Dichloroethene-d2	4.01	63	116612	14.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.96%
20) 2-Butanone-d5	7.07	46	45261	39.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.46%
24) Chloroform-d	7.64	84	183124	24.23	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.92%
26) 1,2-Dichloroethane-d4	8.30	65	89796	23.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.56%
29) Benzene-d6	8.27	84	366960	25.05	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.20%
33) 1,2-Dichloropropane-d6	9.27	67	114475	26.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.68%
37) Toluene-d8	10.32	98	311895	22.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.80%
38) trans-1,3-Dichloropropene-	10.57	79	33321	18.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.52%
39) 2-Hexanone-d5	10.92	63	30105	36.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.98%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	71460	22.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.20%
61) 1,2-Dichlorobenzene-d4	13.85	152	71853	25.86	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.44%

Target Compounds

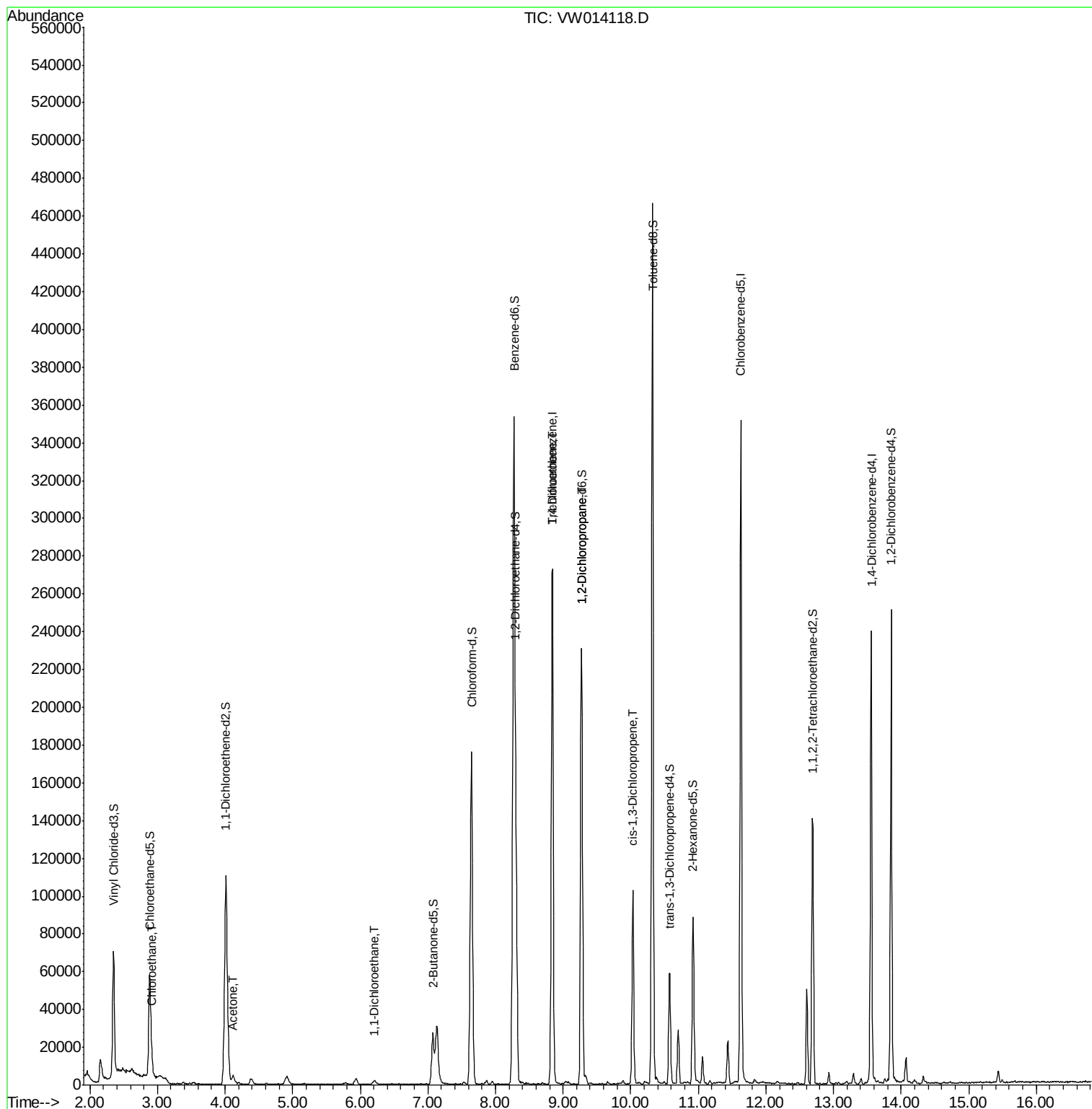
					Qvalue
8) Chloroethane	2.92	64	5332	2.211 ug/L	92
13) Acetone	4.12	43	7123	6.145 ug/L	99
19) 1,1-Dichloroethane	6.21	63	2100	0.288 ug/L #	96
35) Trichloroethene	8.84	95	7051	1.745 ug/L #	2
40) 1,2-Dichloropropane	9.27	63	12308	3.376 ug/L #	86
42) cis-1,3-Dichloropropene	10.03	75	2491	0.433 ug/L #	67

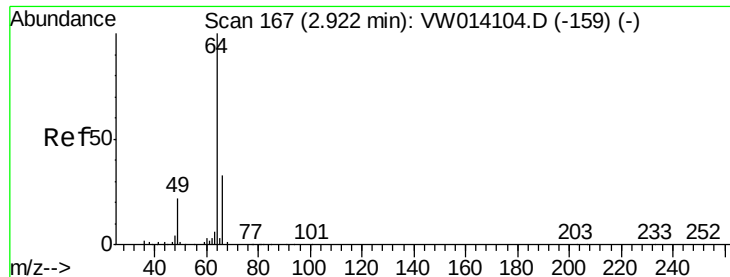
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 2.211 ug/L

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

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Acq: 25 Nov 2019 18:14

Instrument :

MSVOA_W

ClientSampled :

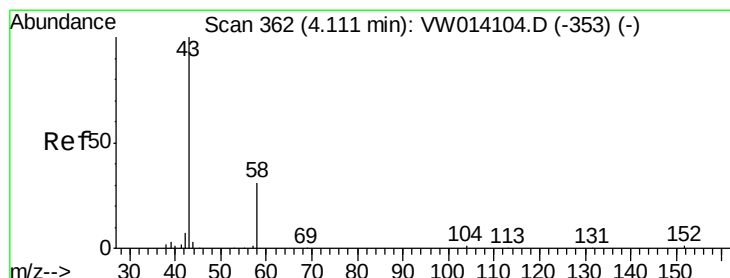
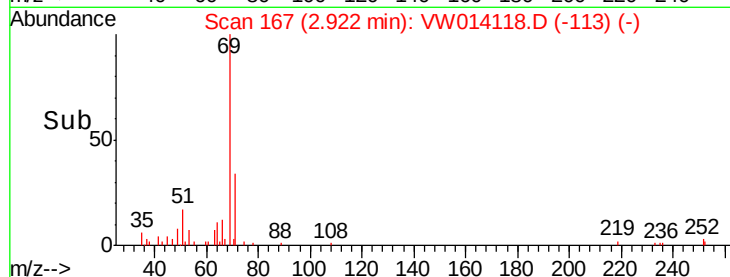
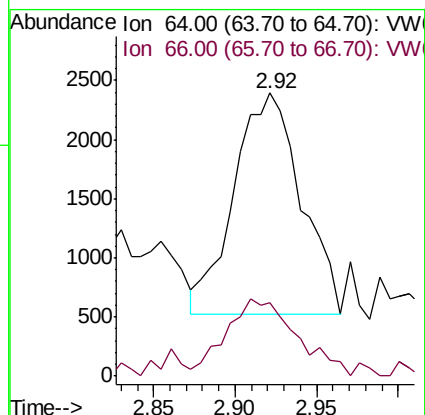
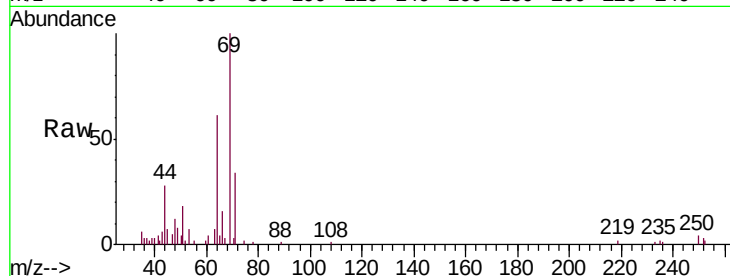
C0BM3

Tgt Ion: 64 Resp: 5332

Ion Ratio Lower Upper

64 100

66 25.9 21.2 39.4



#13

Acetone

Concen: 6.145 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.01 min

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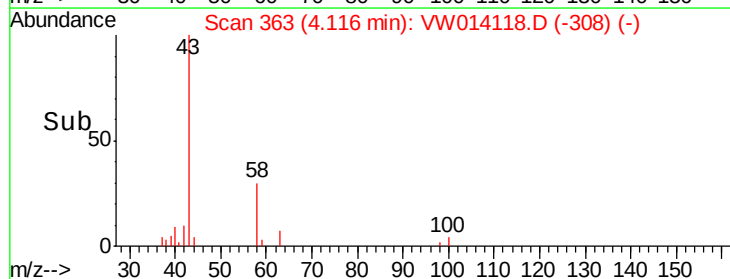
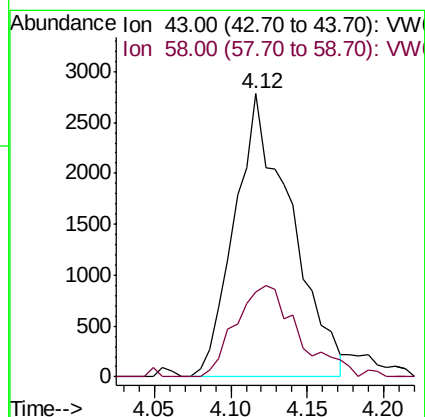
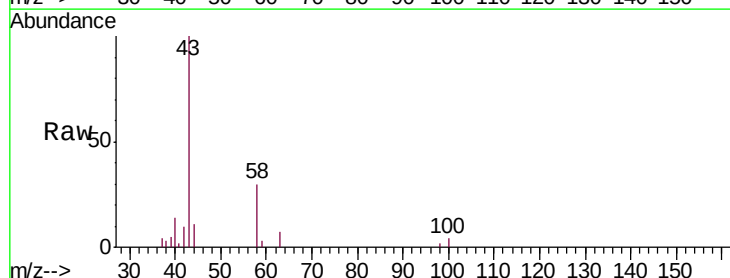
Acq: 25 Nov 2019 18:14

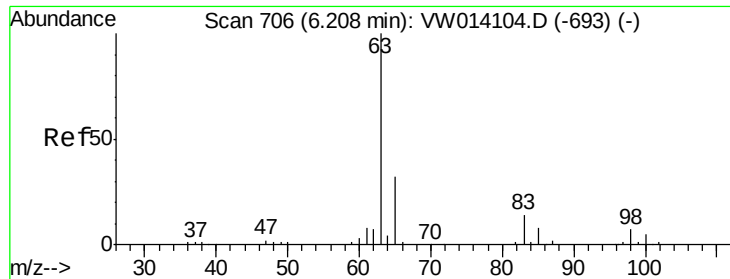
Tgt Ion: 43 Resp: 7123

Ion Ratio Lower Upper

43 100

58 31.9 0.0 65.4

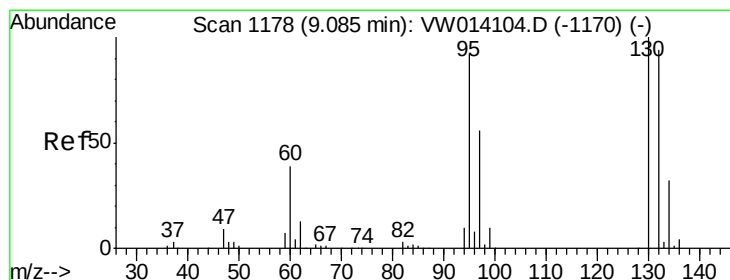
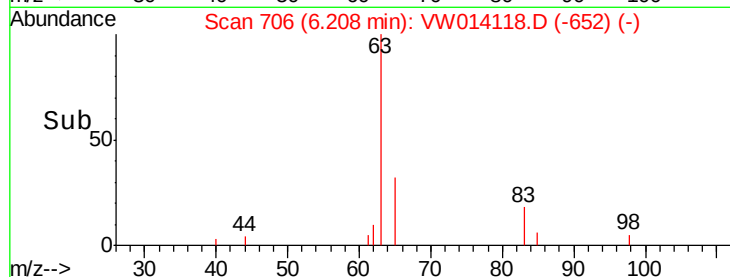
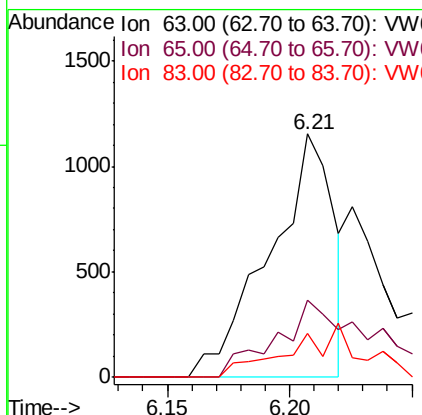
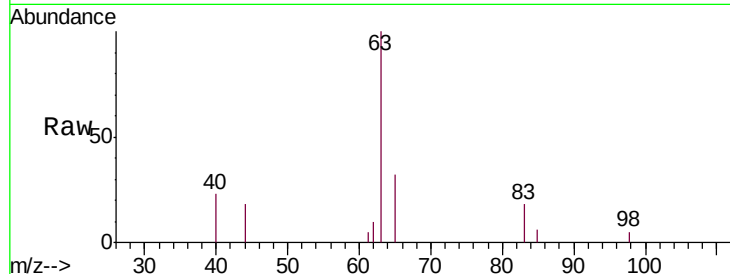




#19
 1,1-Dichloroethane
 Concen: 0.288 ug/L
 RT: 6.21 min Scan# 706
 Delta R.T. -0.00 min
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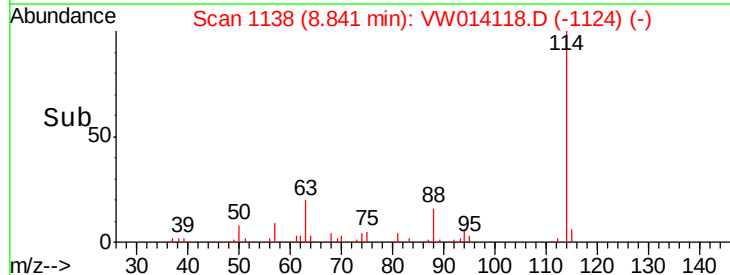
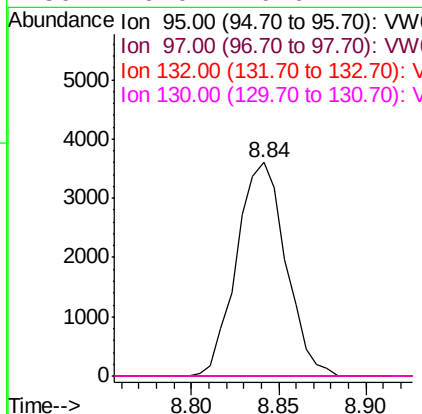
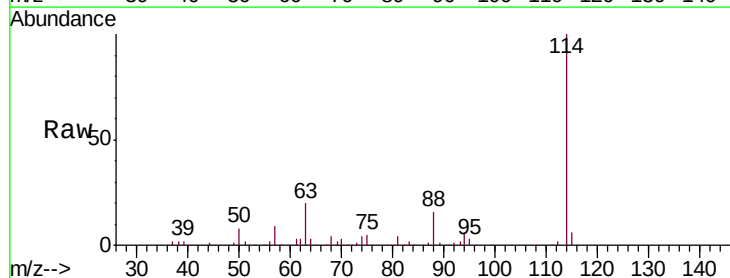
Instrument :
 MSVOA_W
 ClientSampleId :
 C0BM3

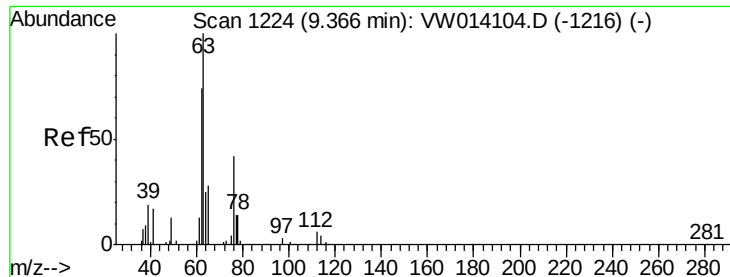
Tgt Ion: 63 Resp: 2100
 Ion Ratio Lower Upper
 63 100
 65 31.9 22.1 41.1
 83 17.9 9.0 16.6#



#35
 Trichloroethene
 Concen: 1.745 ug/L
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.24 min
 Lab File: VW014118.D
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Tgt Ion: 95 Resp: 7051
 Ion Ratio Lower Upper
 95 100
 97 0.0 45.1 83.9#
 132 0.0 73.7 136.9#
 130 0.0 76.6 142.2#





#40

1,2-Dichloropropane

Concen: 3.376 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

Lab File: VW014118.D

Acq: 25 Nov 2019 18:14

Instrument :

MSVOA_W

ClientSampled :

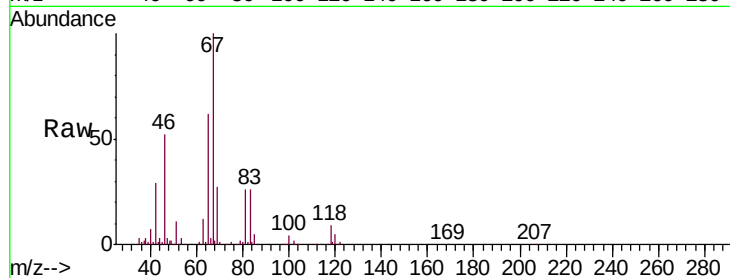
COBM3

Tgt Ion: 63 Resp: 12308

Ion Ratio Lower Upper

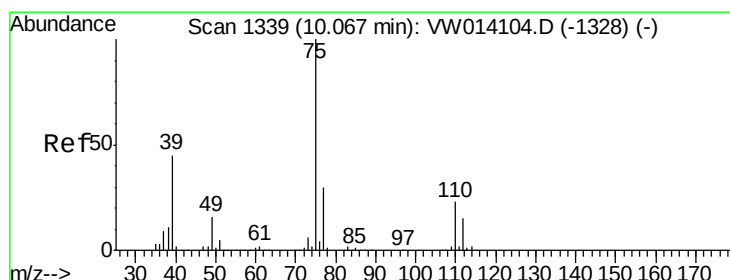
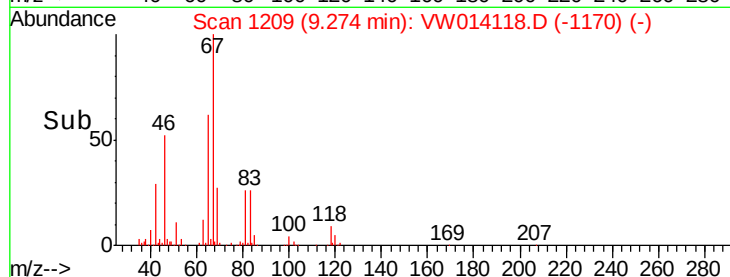
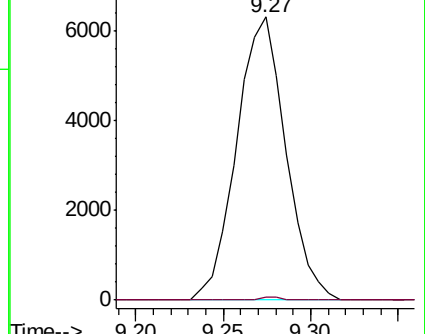
63 100

112 0.4 3.9 5.9#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.433 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW014118.D

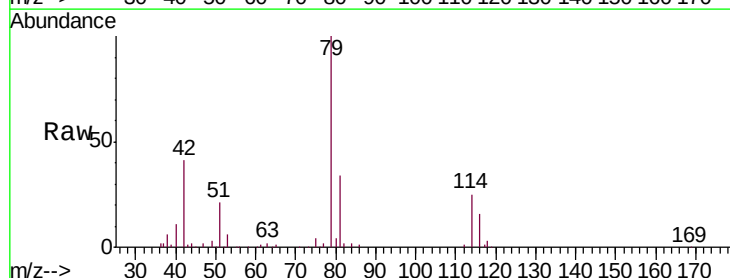
Acq: 25 Nov 2019 18:14

Tgt Ion: 75 Resp: 2491

Ion Ratio Lower Upper

75 100

77 50.0 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

