

Data File : VW013822.D
Acq On : 30 Oct 2019 04:42
Operator : SY/VA
Sample : K5549-18
Misc : 6.01G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAQ71

Quant Time: Oct 30 08:20:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 30 08:16:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	39180	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	36991	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	12949	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	14519	30.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	120.80%
7) Chloroethane-d5	2.89	69	12432	27.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.84%
10) 1,1-Dichloroethene-d2	4.02	63	23026	21.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.76%
20) 2-Butanone-d5	7.09	46	8868	51.58	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.16%
24) Chloroform-d	7.65	84	28456	25.96	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.84%
26) 1,2-Dichloroethane-d4	8.31	65	16041	27.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.92%
29) Benzene-d6	8.27	84	58824	26.47	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.88%
33) 1,2-Dichloropropane-d6	9.27	67	17678	26.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.52%
37) Toluene-d8	10.32	98	48184	23.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.04%
38) trans-1,3-Dichloropropene-	10.58	79	6952	23.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.88%
39) 2-Hexanone-d5	10.92	63	7517	59.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.48%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	17684	32.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	130.12%#
61) 1,2-Dichlorobenzene-d4	13.85	152	12866	28.12	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.48%

Target Compounds

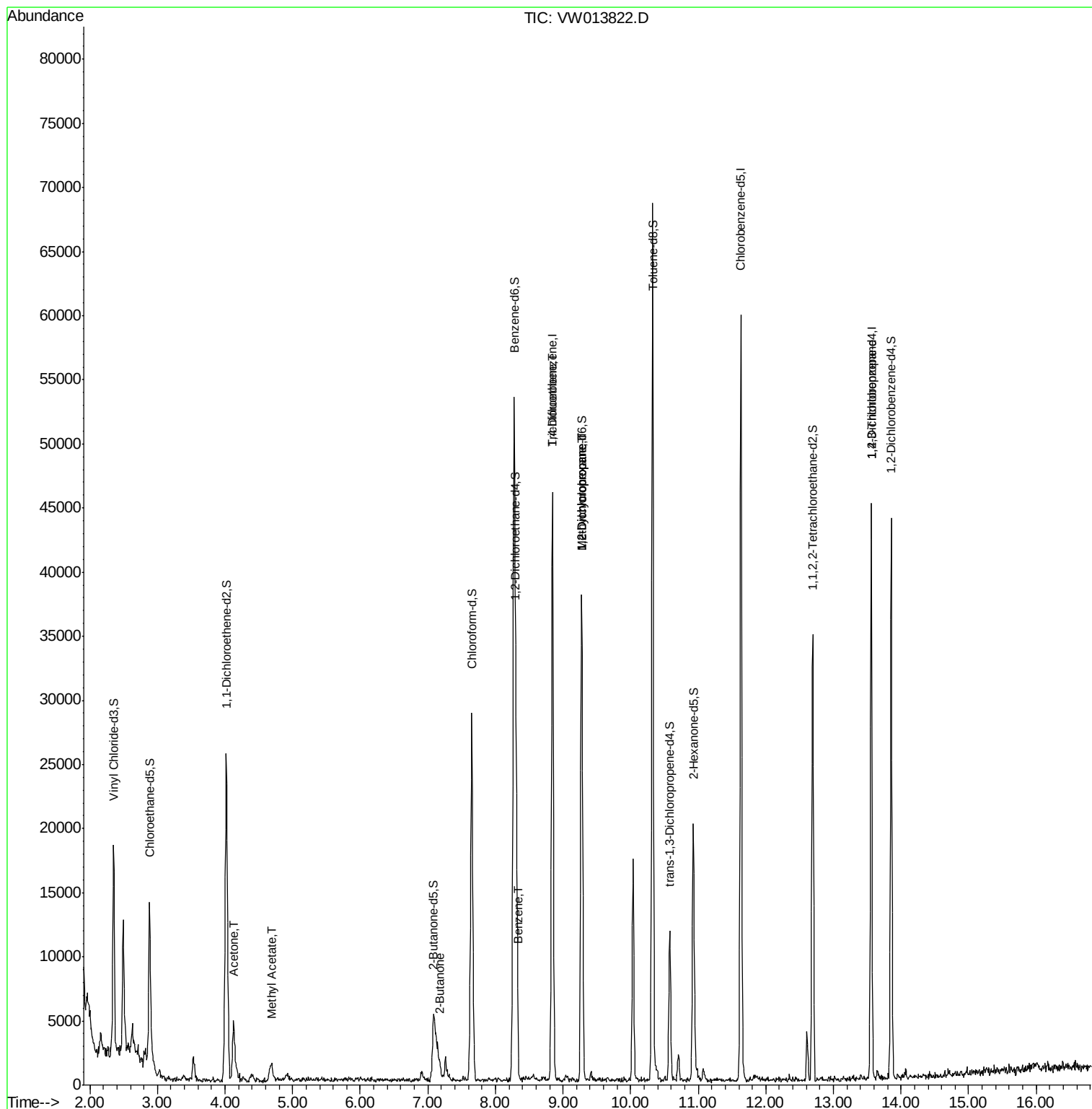
					Qvalue
13) Acetone	4.12	43	8364	43.831 ug/L	83
15) Methyl Acetate	4.68	43	2984	9.570 ug/L #	86
21) 2-Butanone	7.17	43	662	2.732 ug/L	95
34) Benzene	8.34	78	1062	0.400 ug/L	100
35) Trichloroethene	8.84	95	1008	1.480 ug/L #	2
36) Methylcyclohexane	9.27	83	4528	3.772 ug/L #	18
40) 1,2-Dichloropropane	9.27	63	1944	2.996 ug/L #	85
59) 1,2,3-Trichloropropane	13.56	75	1344	3.072 ug/L	92

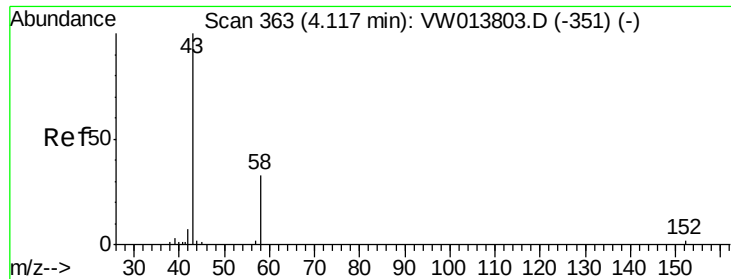
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 43.831 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Acq: 30 Oct 2019 04:42

Instrument :

MSVOA_W

ClientSampleId :

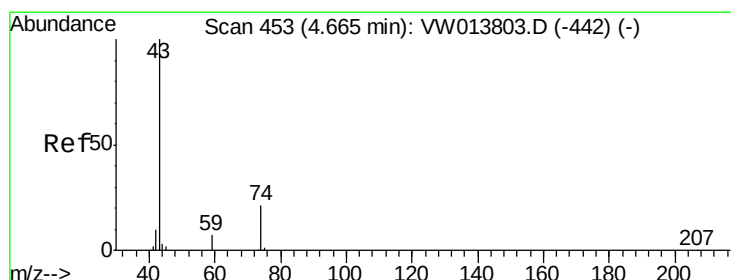
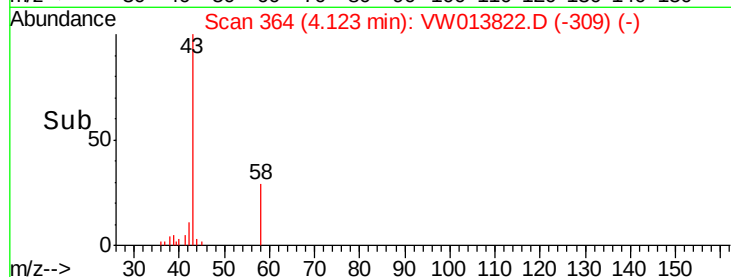
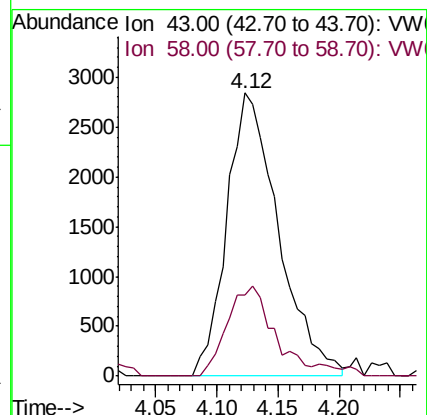
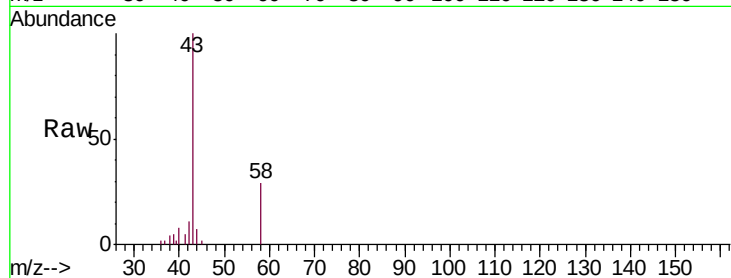
GAQ71

Tgt Ion: 43 Resp: 8364

Ion Ratio Lower Upper

43 100

58 25.5 0.0 70.4



#15

Methyl Acetate

Concen: 9.570 ug/L

RT: 4.68 min Scan# 456

Delta R.T. 0.02 min

Lab File: VW013822.D

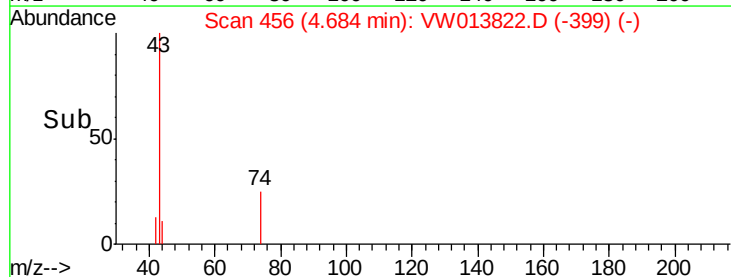
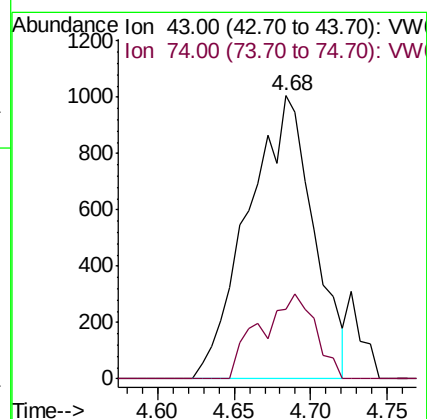
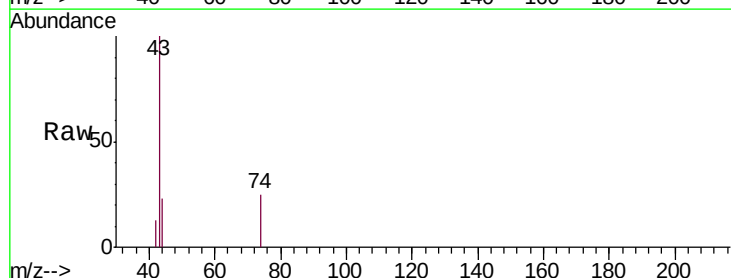
Acq: 30 Oct 2019 04:42

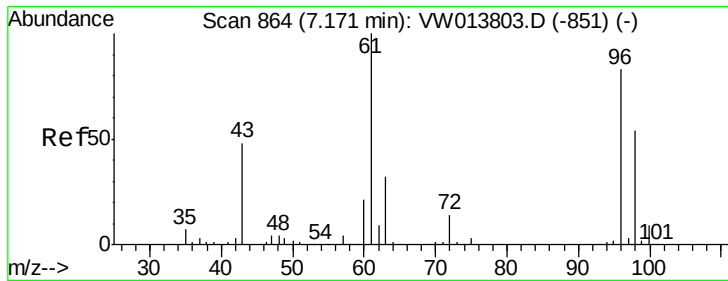
Tgt Ion: 43 Resp: 2984

Ion Ratio Lower Upper

43 100

74 17.3 19.2 28.8#





#21

2-Butanone

Concen: 2.732 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW013822.D

Acq: 30 Oct 2019 04:42

Instrument :

MSVOA_W

ClientSampled :

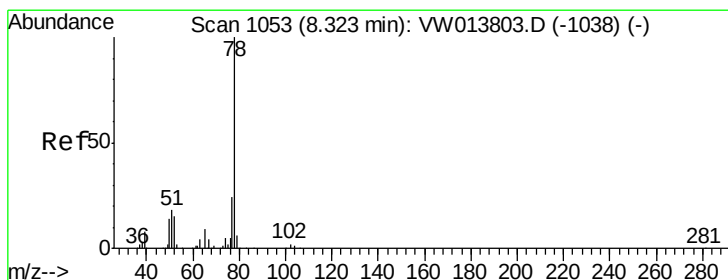
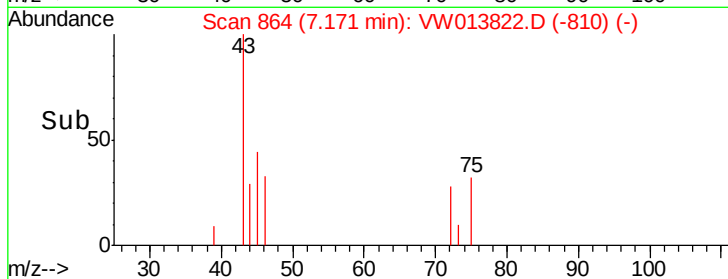
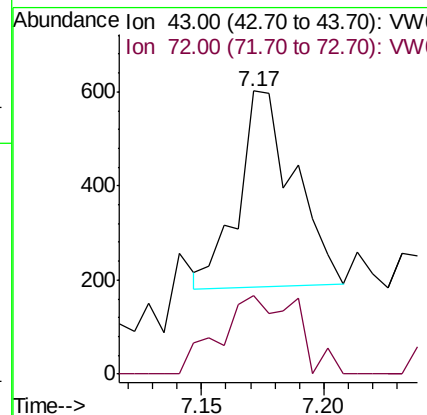
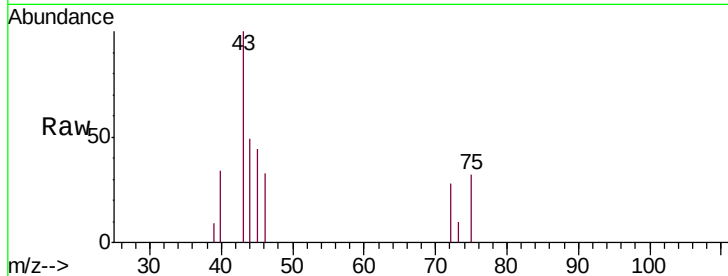
GAQ71

Tgt Ion: 43 Resp: 662

Ion Ratio Lower Upper

43 100

72 24.6 13.7 41.1



#34

Benzene

Concen: 0.400 ug/L

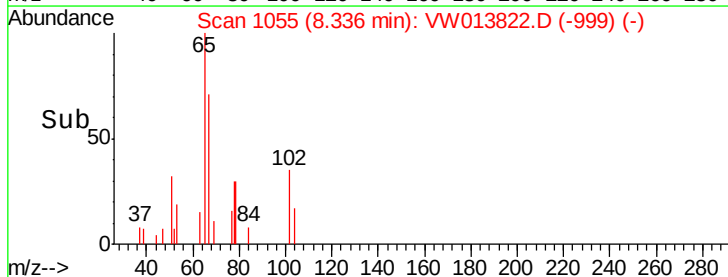
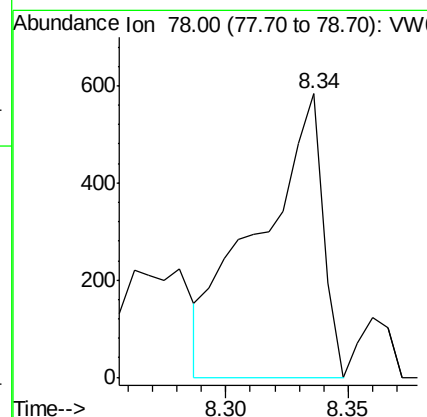
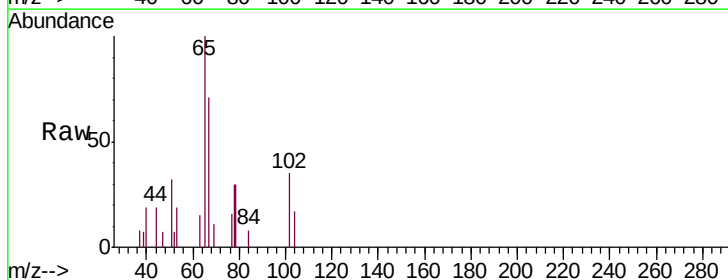
RT: 8.34 min Scan# 1055

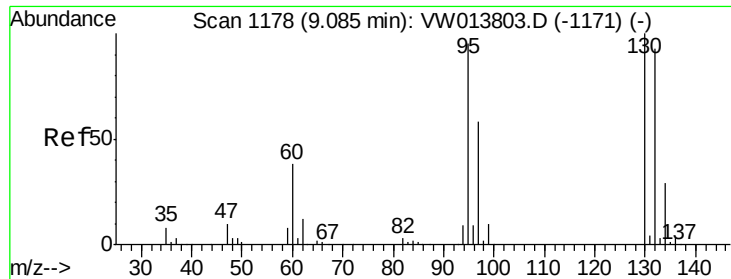
Delta R.T. 0.01 min

Lab File: VW013822.D

Acq: 30 Oct 2019 04:42

Tgt Ion: 78 Resp: 1062





#35

Trichloroethene

Concen: 1.480 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.24 min

Lab File: VW013822.D

Acq: 30 Oct 2019 04:42

Instrument :

MSVOA_W

ClientSampled :

GAQ71

Tgt Ion: 95 Resp: 1008

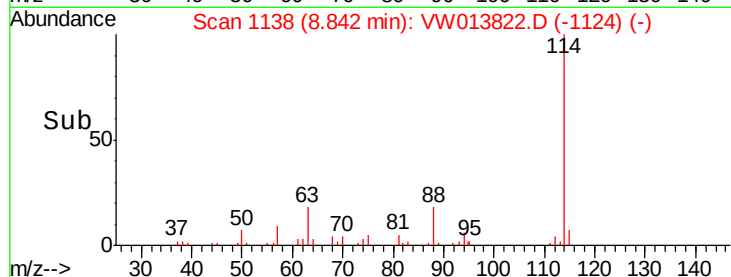
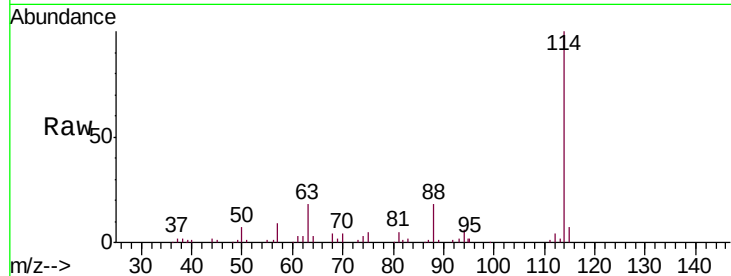
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.2#

132 0.0 74.3 138.1#

130 0.0 76.6 142.3#

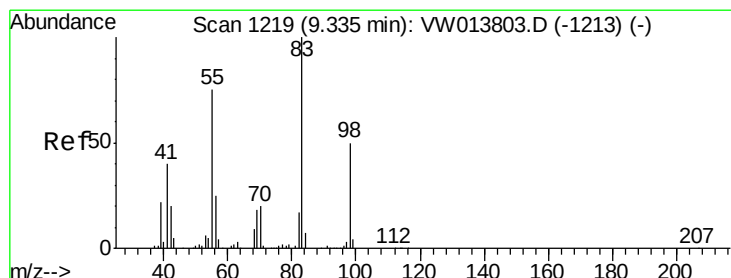
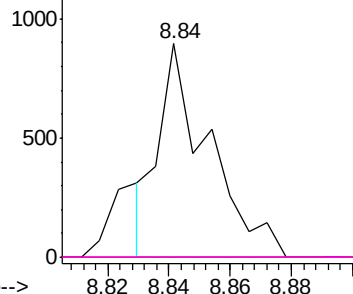


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#36

Methylcyclohexane

Concen: 3.772 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW013822.D

Acq: 30 Oct 2019 04:42

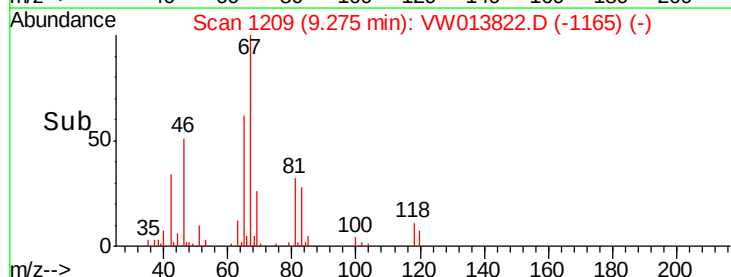
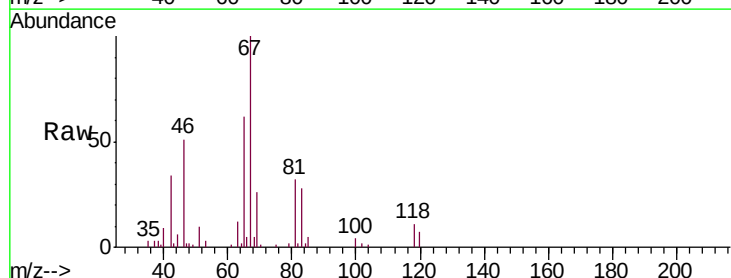
Tgt Ion: 83 Resp: 4528

Ion Ratio Lower Upper

83 100

55 0.0 60.2 90.4#

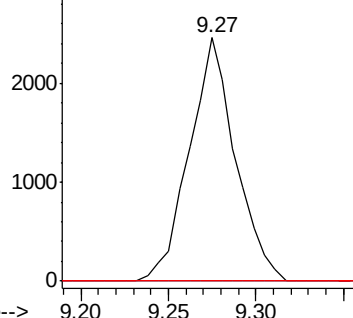
98 0.0 39.1 58.7#

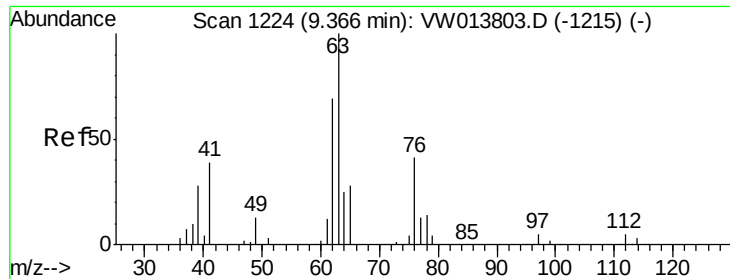


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

1,2-Dichloropropane

Concen: 2.996 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

Lab File: VW013822.D

Acq: 30 Oct 2019 04:42

Instrument :

MSVOA_W

ClientSampleId :

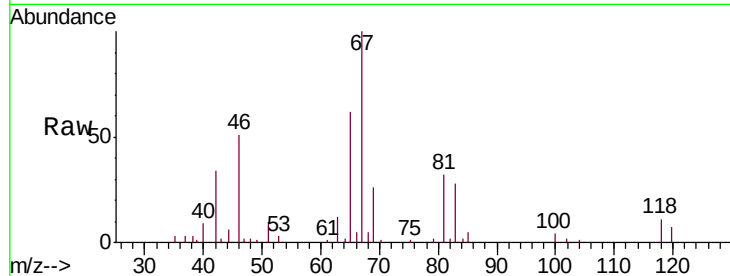
GAQ71

Tgt Ion: 63 Resp: 1944

Ion Ratio Lower Upper

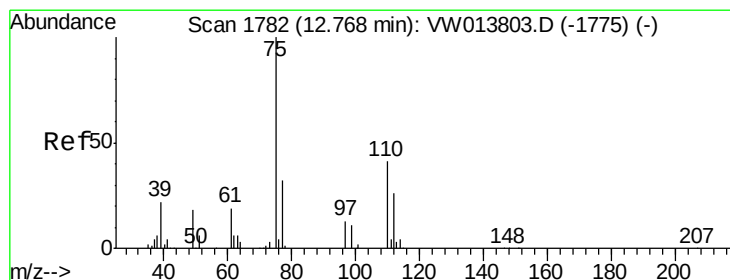
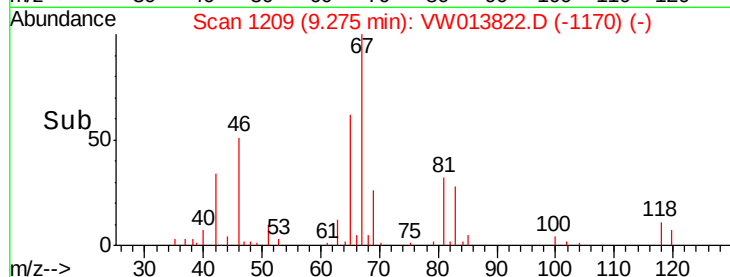
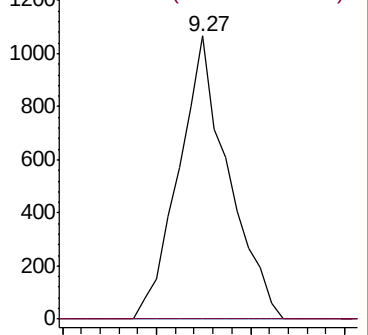
63 100

112 0.0 3.9 5.9#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): VW



#59

1,2,3-Trichloropropane

Concen: 3.072 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW013822.D

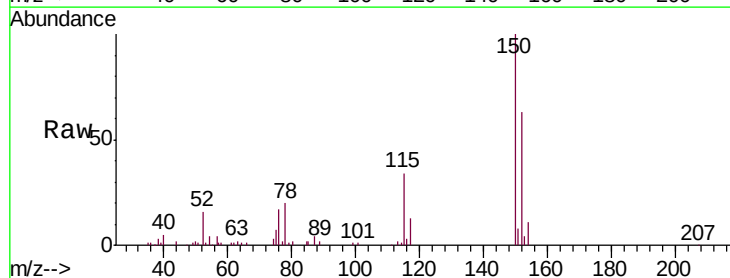
Acq: 30 Oct 2019 04:42

Tgt Ion: 75 Resp: 1344

Ion Ratio Lower Upper

75 100

77 37.6 26.4 39.6



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

