

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072420\
 Data File : VW015952.D
 Acq On : 24 Jul 2020 16:06
 Operator : SY/VA
 Sample : L3419-11RE
 Misc : 5.77G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 25 05:17:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 25 05:14:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	138318	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	116751	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	37912	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	47773	24.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.92%
7) Chloroethane-d5	2.89	69	41273	26.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.16%
10) 1,1-Dichloroethene-d2	4.01	63	68246	17.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.20%
20) 2-Butanone-d5	7.09	46	17741	34.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.20%
24) Chloroform-d	7.65	84	84720	21.81	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.24%
26) 1,2-Dichloroethane-d4	8.31	65	43650	20.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.88%
29) Benzene-d6	8.27	84	170492	23.99	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.96%
33) 1,2-Dichloropropane-d6	9.27	67	50329	23.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.48%
37) Toluene-d8	10.33	98	138011	21.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.76%
38) trans-1,3-Dichloropropene-	10.58	79	16554	18.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.92%
39) 2-Hexanone-d5	10.93	63	10894	30.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	30135	18.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	73.60%
61) 1,2-Dichlorobenzene-d4	13.86	152	31277	21.16	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.64%

Target Compounds

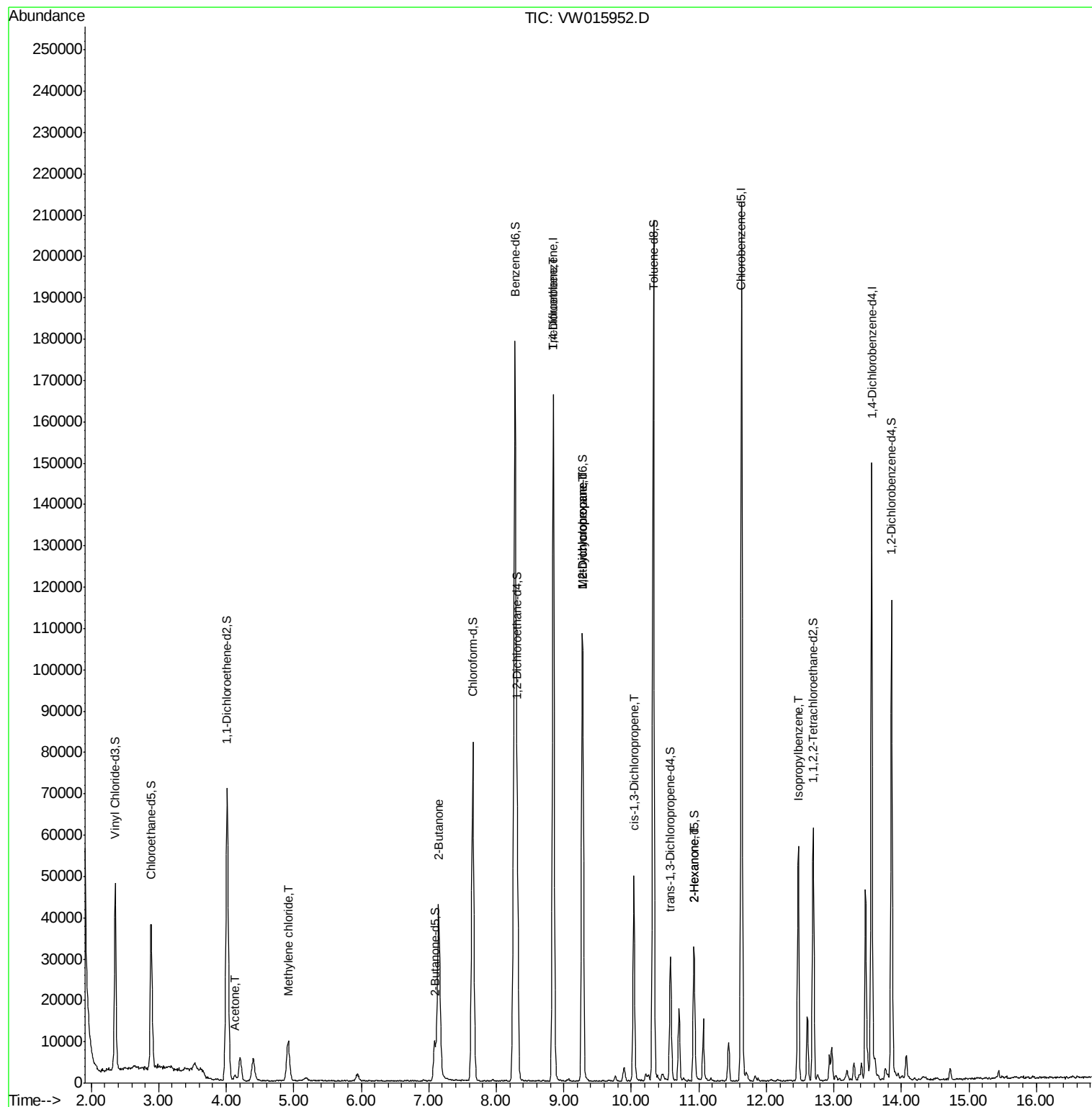
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	2095	4.866	ug/L	76
16) Methylene chloride	4.92	84	7362	3.248	ug/L	88
21) 2-Butanone	7.15	43	2688	5.049	ug/L #	65
35) Trichloroethene	8.84	95	4056	2.162	ug/L #	6
36) Methylcyclohexane	9.27	83	12315	3.826	ug/L #	17
40) 1,2-Dichloropropane	9.28	63	5774	3.287	ug/L #	88
42) cis-1,3-Dichloropropene	10.04	75	1228	0.459	ug/L #	53
49) 2-Hexanone	10.93	43	1588	2.182	ug/L #	50
57) Isopropylbenzene	12.47	105	2720	0.339	ug/L #	1

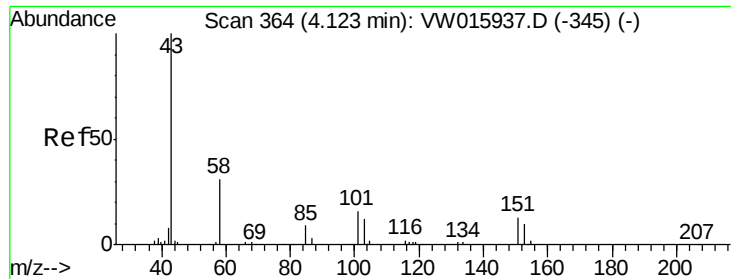
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.77G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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Quant Time: Jul 25 05:17:54 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
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QLast Update : Sat Jul 25 05:14:30 2020
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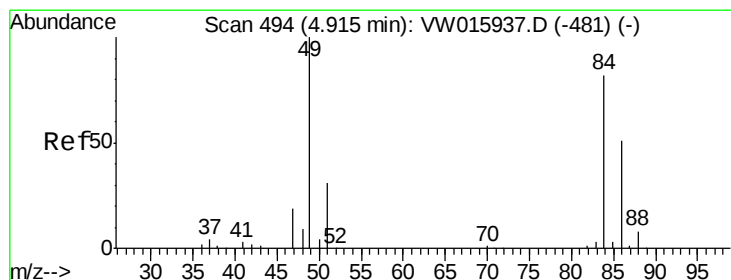
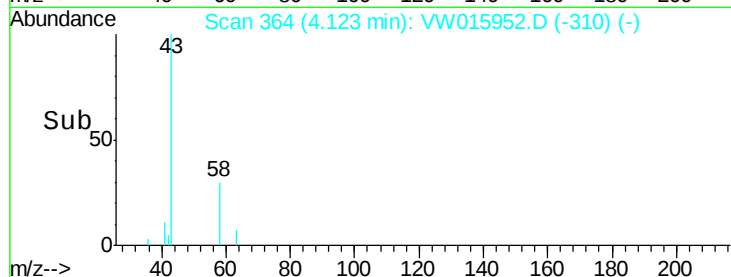
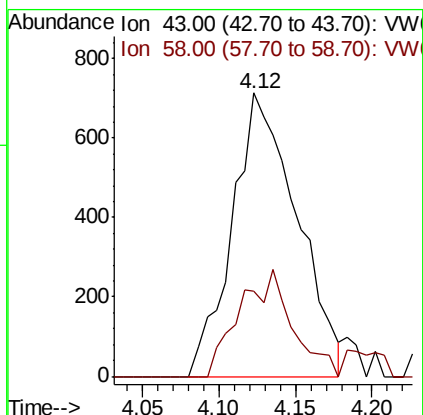
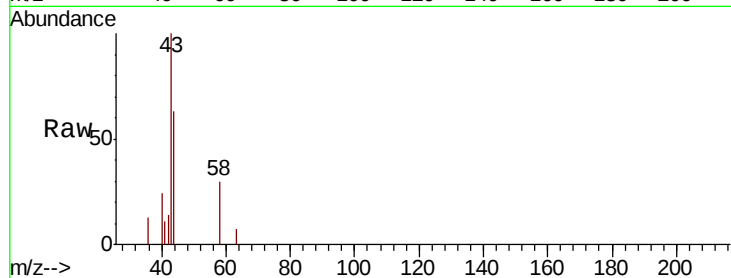




#13
Acetone
Concen: 4.866 ug/L
RT: 4.12 min Scan# 364
Delta R.T. -0.00 min
Lab File: VW015952.D
Acq: 24 Jul 2020 16:06

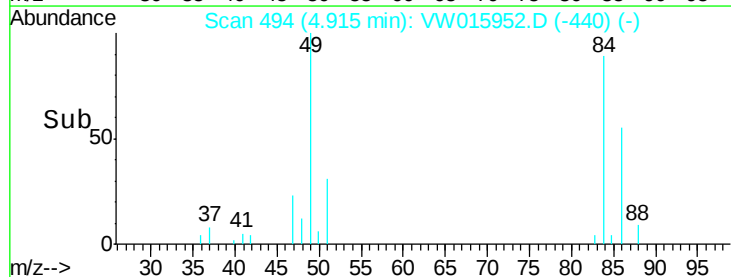
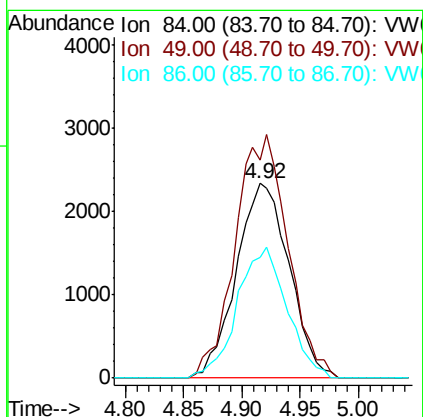
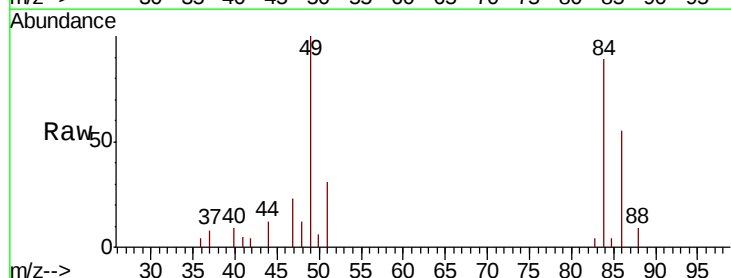
Instrument :
MSVOA_W
ClientSampleId :

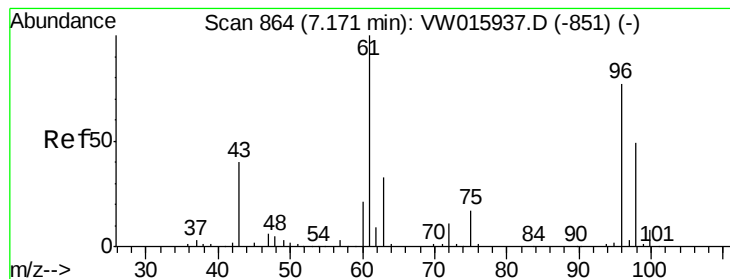
Tot Ion: 43 Resp: 2095
Ion Ratio Lower Upper
43 100
58 16.2 0.0 58.2



#16
Methylene chloride
Concen: 3.248 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW015952.D
Acq: 24 Jul 2020 16:06

Tgt Ion: 84 Resp: 7362
Ion Ratio Lower Upper
84 100
49 112.3 91.1 169.1
86 61.8 46.0 85.4





#21

2-Butanone

Concen: 5.049 ug/L

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW015952.D

Acq: 24 Jul 2020 16:06

Instrument :

MSVOA_W

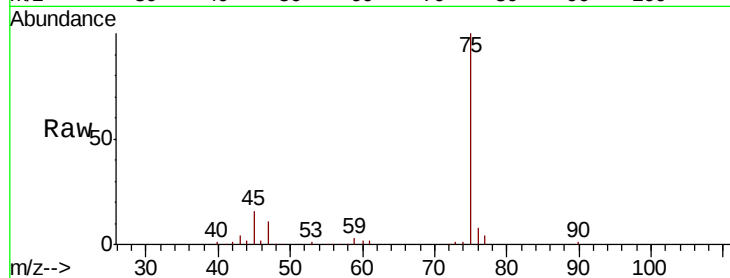
ClientSampled :

Tot Ion: 43 Resp: 2688

Ion Ratio Lower Upper

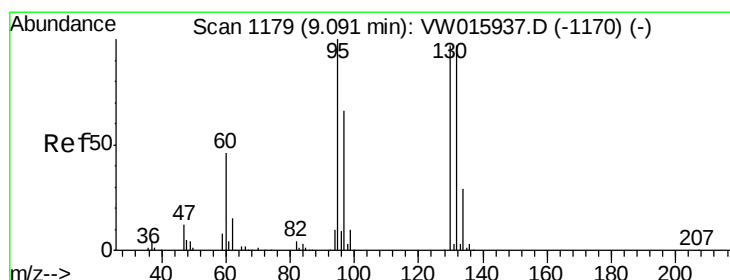
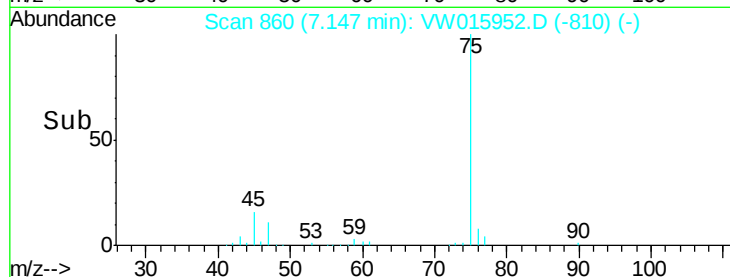
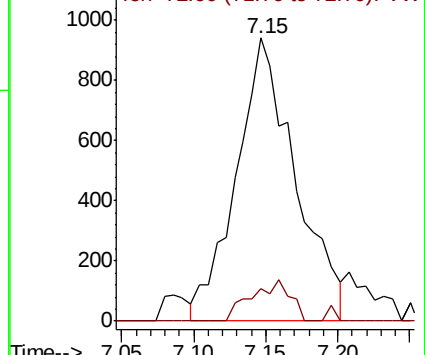
43 100

72 9.6 13.9 41.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#35

Trichloroethene

Concen: 2.162 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW015952.D

Acq: 24 Jul 2020 16:06

Tgt Ion: 95 Resp: 4056

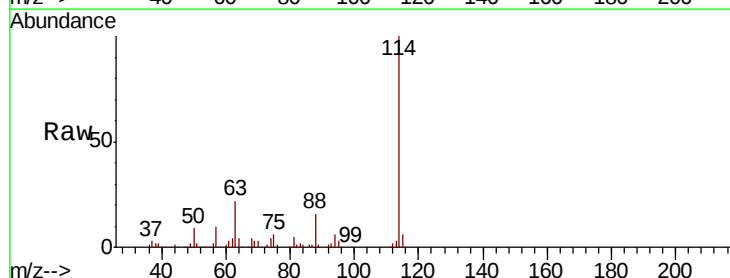
Ion Ratio Lower Upper

95 100

97 0.0 44.4 82.4#

132 0.0 65.1 120.9#

130 0.0 68.6 127.4#

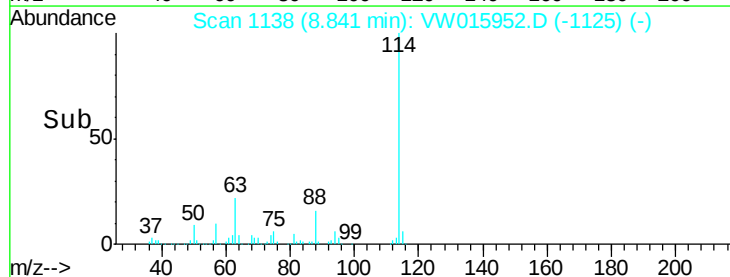
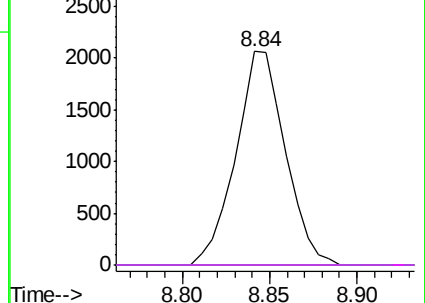


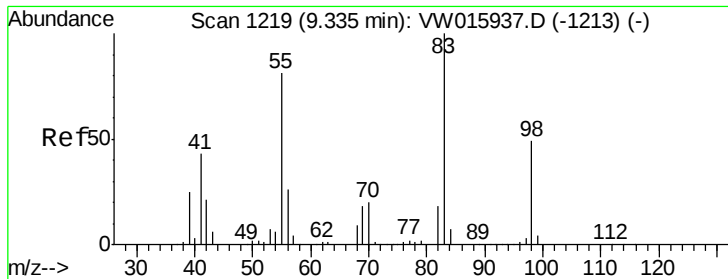
Abundance Ion 95.00 (94.70 to 95.70): VW

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

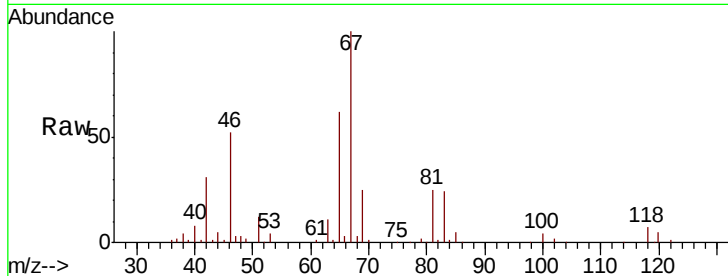




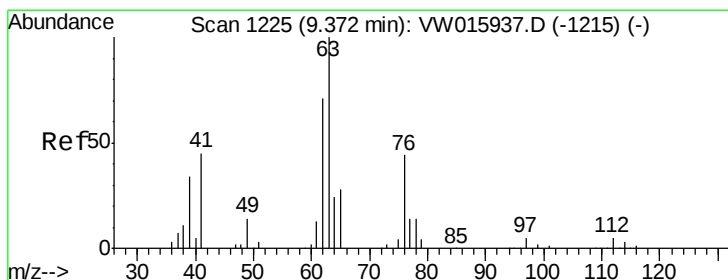
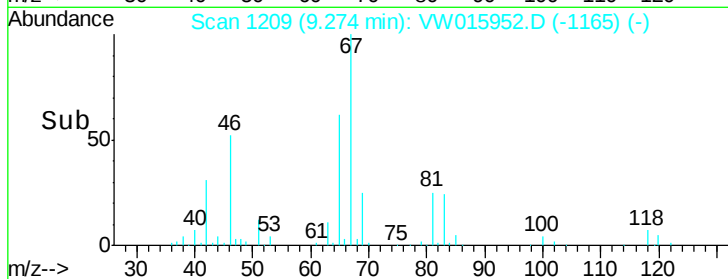
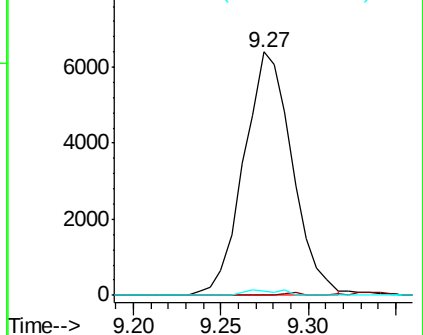
#36
Methvlcvclohexane
Concen: 3.826 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW015952.D
Acq: 24 Jul 2020 16:06

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 83 Resp: 12315
Ion Ratio Lower Upper
83 100
55 0.0 63.5 95.3#
98 1.2 39.0 58.4#

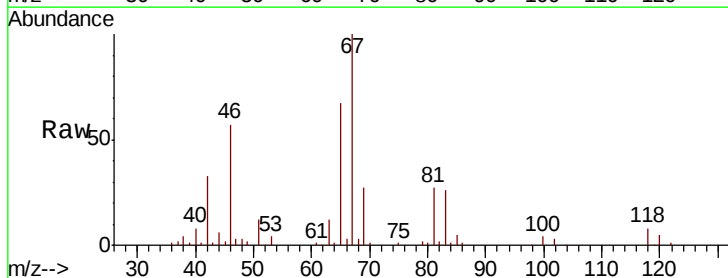


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

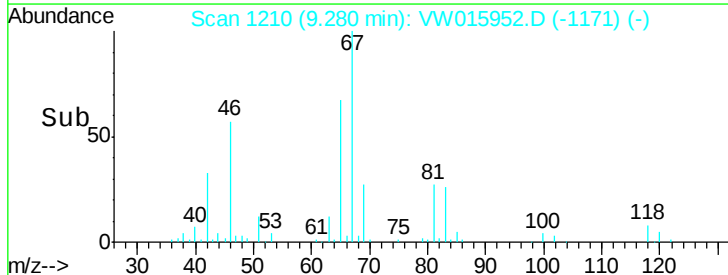
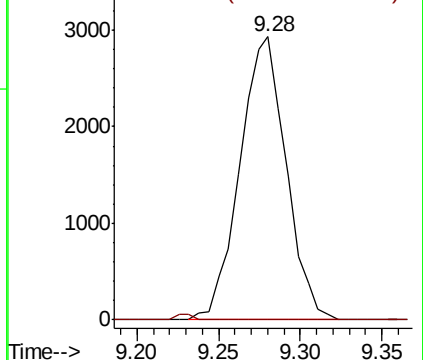


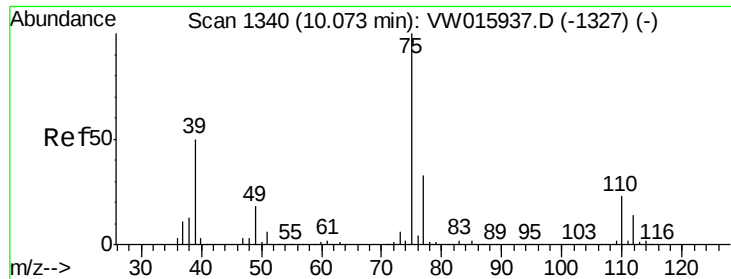
#40
1,2-Dichloropropane
Concen: 3.287 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.09 min
Lab File: VW015952.D
Acq: 24 Jul 2020 16:06

Tgt Ion: 63 Resp: 5774
Ion Ratio Lower Upper
63 100
112 0.7 3.7 5.5#



Abundance Ion 63.00 (62.70 to 63.70): VW
Ion 112.00 (111.70 to 112.70): V





#42

cis-1,3-Dichloropropene

Concen: 0.459 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW015952.D

Acq: 24 Jul 2020 16:06

Instrument :

MSVOA_W

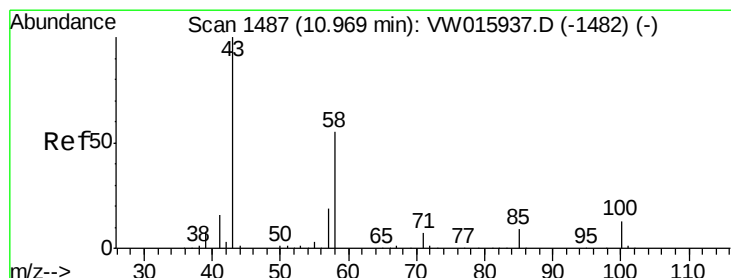
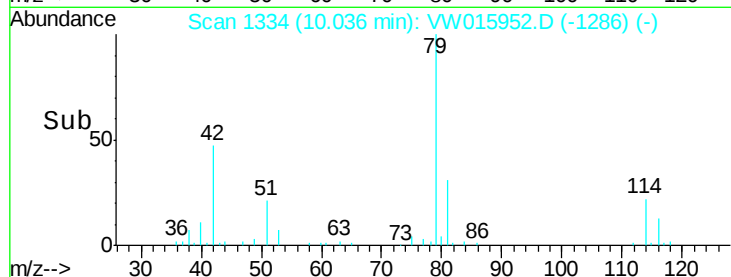
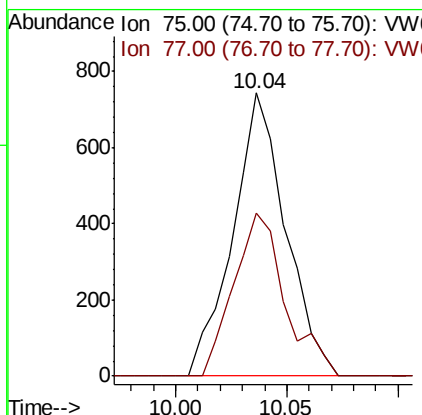
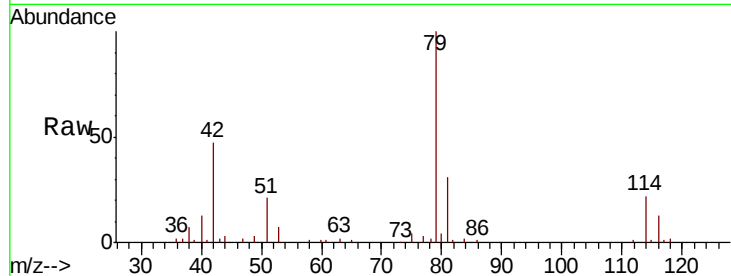
ClientSampleId :

Tot Ion: 75 Resp: 1228

Ion Ratio Lower Upper

75 100

77 57.9 22.2 41.2#



#49

2-Hexanone

Concen: 2.182 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW015952.D

Acq: 24 Jul 2020 16:06

Tgt Ion: 43 Resp: 1588

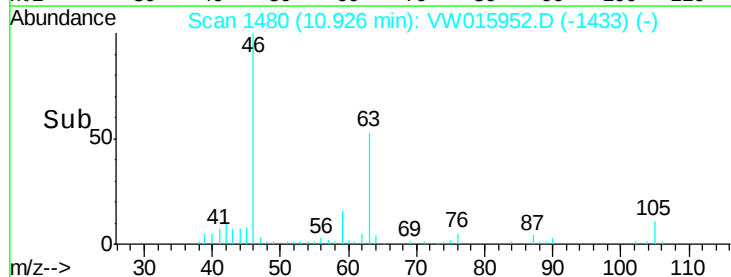
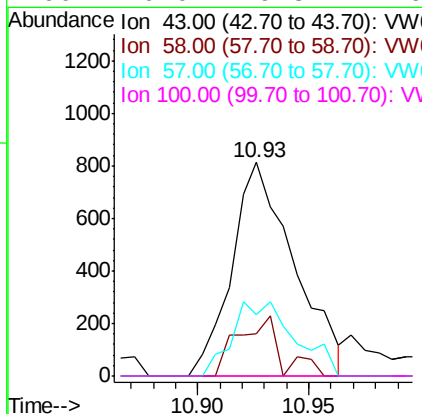
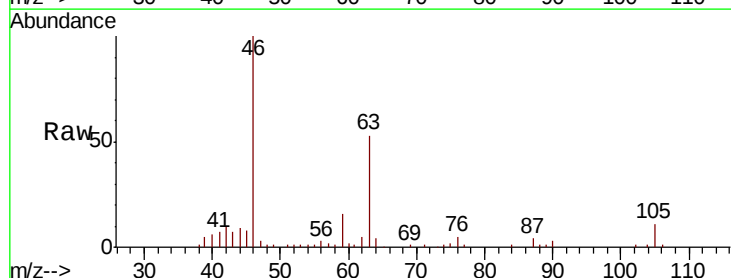
Ion Ratio Lower Upper

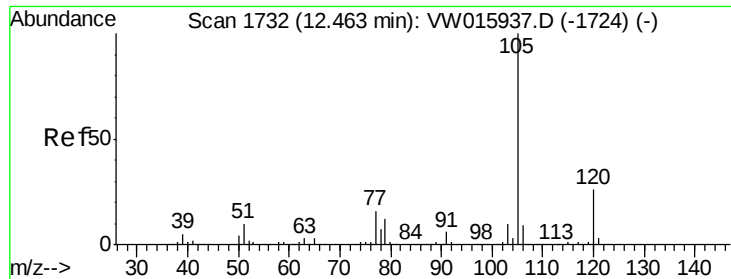
43 100

58 9.0 42.4 63.6#

57 32.2 15.6 23.4#

100 0.0 9.8 14.6#





#57

Isopropylbenzene

Concen: 0.339 ug/L

RT: 12.47 min Scan# 1734

Delta R.T. 0.01 min

Lab File: VW015952.D

Acq: 24 Jul 2020 16:06

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:105 Resp: 2720

Ion Ratio Lower Upper

105 100

120 8.9 20.4 30.6#

77 242.8 12.9 19.3#

